

References



References

Chapter 1 Europe's environment in an age of transition

CAREC (Regional Environmental Centre for Central Asia), 2006. *Progress Review on ESD in Central Asia*.

EEA (European Environment Agency), 2005. *The European environment — State and Outlook*. EEA, Copenhagen, Denmark.

EECCA Strategy — Environmental partnerships in the UNECE region: *Environment strategy for countries of Eastern Europe, Caucasus and Central Asia*. Kiev, Ukraine, 21–23 May 2003. (Submitted by the Steering Group on Environment Strategy for countries of Eastern Europe, Caucasus and Central Asia through the Ad Hoc Working Group of Senior Officials).

European Commission, 2007. *Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on the Mid-term review of the Sixth Community Environment Action Programme*. COM(2007)225 final. http://eea.eionet.europa.eu/Members/irc/enviowindows/belgrade_07/library?l=/report_development/relevant_policy/evaluation_6eapdoc/_EN_1_0_&a=d&cookie=1.

European Council, 2006. *Renewed EU Sustainable Development Strategy*, adopted by the European Council on 15/16 June 2006.

European Parliament and European Council, 2002. *The Sixth Environment Action Programme — Decision No 1600/2002/EC of the European Parliament and of the Council of 22 July 2002 laying down the Sixth Community Environment Action Programme*.

European Parliament and European Council, 2006. *Decision No 1720/2006/EC of the European Parliament and of the Council — establishing an action programme in the field of lifelong learning*. 15 November 2006.

Eurostat, 2006. *Internet Usage in the EU-25*. News Release 146/2006. 10 November 2006.

FAOSTAT, 2007. FAO Statistical database.

Internet World Stats, 2007. *Internet World Stats: Usage and Population Statistics*. Miniwatts Marketing Group. www.internetworldstats.com.

IPCC (Intergovernmental Panel for Climate Change), 2007. *Climate Change — Fourth Assessment Report*.

MA (Millennium Ecosystem Assessment), 2005. *Ecosystems and Human Well-being: Synthesis*. Island Press, Washington DC, USA.

OECD (Organisation for Economic Co-operation and Development), 2007. *Policies for a Better Environment — Progress in Eastern Europe, Caucasus and Central Asia*. Paris, 2007.

PEBLDS, 2007. *The Pan-European Ecological Network: taking stock*. Nature and Environment Series No 146. ISBN 978-92-871-6119-2, Council of Europe 2007.

Strategy for Education for Sustainable Development, Vilnius, 18 March 2005. www.unece.org/env/esd/Strategy&Framework.htm.

UNDP (United Nations Development Programme), 2007. *Environmental Policy in South East Europe* (final draft of 16 April 2007).

UNECE (United Nations Economic Commission for Europe), 2005a. *Synthesis Report on the Status of Implementation of the Convention*. Geneva: UNECE. ECE/MP.PP.2005/18.

UNECE (United Nations Economic Commission for Europe), 2005b. *Materials of the Workshop on the implementation of the UNECE Strategy for ESD for the sub-region of South-East Europe*, 28 November 2005, Athens, Greece. www.unece.org/env/esd/WorkshSEE.htm.

UNECE (United Nations Economic Commission for Europe), 2006a. *Materials presented at the UNECE Steering Committee on Education for Sustainable Development (ESD)*, 4–5 December 2006, Geneva, Switzerland. www.unece.org/env/esd/SC.Meet.htm.

UNECE (United Nations Economic Commission for Europe), 2006b. *Materials of the Workshop on the implementation of the UNECE Strategy for ESD for the sub-region of Eastern Europe, Caucasus and Central Asia*, 8–9 November 2006, Moscow, Russian Federation. www.unece.org/env/esd/WorkshEECCA.htm.

UNECE (United Nations Economic Commission for Europe), 2007a. *Implementation of the UNECE Strategy for ESD* (final version to be available at Sixth Ministerial Conference).

UNECE (United Nations Economic Commission for Europe), 2007b. *State of transboundary waters and international lakes* (final version to be available at Sixth Ministerial Conference).

UNEP (United Nations Environment Programme), 2007a. *Global Environment Outlook 4* (final version to be available at Sixth Ministerial Conference).

UNEP (United Nations Environment Programme), 2007b. *Carpathian Environment Outlook* (final version to be available at Sixth Ministerial Conference).

UNEP/EEA, 2007. *Mapping SCP in SEE and EECCA countries* (final version to be available at Sixth Ministerial Conference).

UNEP, UNDP, UNECE, OSCE, REC, NATO, 2007. *Environment and Security. Transforming Risks into Cooperation. The case of Eastern Europe: Belarus — Moldova — Ukraine*. Geneva. http://www.envsec.org/easteur/docs/envsec_eastern_europe.pdf.

UNECE/WGEMA, 2007. ECE/CEP/2007/7 — *Making monitoring and assessment effective tools in environmental policy*. 19 March 2007. <http://www.unece.org/env/documents/2007/ece/cep/ece.cep.2007.7.e.pdf>.

UNHCR (United Nations High Commissioner for Refugees), 2006. *2005 Global Refugee Trends*. Field information and coordination support section, Division of operational services, UNHCR, Geneva, Switzerland.

UNSD (United Nations Statistics Division), 2005. *Migration, international net rate per year* (last update available from UNSD: 03.06.2005).

WHO (World Health Organization), 2007. *Environment and Health Assessment CEHAPE* (final version to be available at Sixth Ministerial Conference).

World Bank, 2006a. *Migration and Remittances: Eastern Europe and the Former Soviet Union*. World Bank, Washington DC, USA.

World Bank, 2006b. *World Bank national accounts data and OECD National Accounts data files*. World Development Indicators 2006: GDP (constant 2000 USD).

World Bank, 2007. *Migration Global Economic Prospects 2007: Managing the Next Wave of Globalization*. World Bank, Washington DC, USA.

WTO (World Trade Organisation), 2006. *International Trade Statistics 2006*. WTO Publications, Geneva, Switzerland.

WWF (World Wildlife Fund International), 2006. *Living Planet Report 2006*. WWF International, Gland, Switzerland.

Chapter 2 Environment and health and the quality of life

Section 2.0 Introduction

BirdLife International, 2006. *Well-being through wildlife in the EU*. RSPB, 2006. www.birdlife.org/eu/eco_office.html.

EEA (European Environment Agency), 2005. *Environment and health*. EEA Report No 10/2005. EEA, Copenhagen.

GEO-4, 2007. *The Fourth Global Environment Outlook*.

IPCC (Intergovernmental Panel on Climate Change), 2007. *Fourth Assessment Report, Chapter 8: Human Health* (WGII Final I Draft for Government Review).

MA (Millennium Ecosystem Assessment), 2005. *Ecosystems and human well-being. Biodiversity synthesis*. World Resource Institute, Washington, DC. <http://www.maweb.org/documents/document.354.aspx.pdf>.

MA (Millennium Ecosystem Assessment), 2005a. *Ecosystems and human well-being. Health synthesis*. World Resource Institute, Washington, DC. <http://www.maweb.org/documents/document.357.aspx.pdf>.

Section 2.1 Environment and health perspective

Ataniyazova, O.; Baumann, R. A.; Liem A. K. D.; Mukhopadhyay U. A.; Vogelaar E. F.; Boersma, E. R.; 2001. Levels of certain metals, organochlorine pesticides and dioxins in cord blood, maternal blood, human milk and some commonly used nutrients in the surroundings of the Aral sea area. *Acta Paediatrica* 90, C 801–808.

Babisch, W., 2006. Transportation noise and cardiovascular risk, Review and synthesis of epidemiological studies, Dose-effect curve and risk estimation. Dessau, Umweltbundesamt, WaBoLu-Hefte 01/06. http://www.umweltbundesamt.de/uba-info-medien/mysql_medien.php?anfrage=Kennummer&Suchwort=2997.

Barton, H. A.; Cogliano, V. J.; Flowers, L.; Valcovic, L.; Woodrow Setzer, R.; Woodruff, T. J., 2005. Assessing Susceptibility from Early-Life Exposure to Carcinogens. *Environmental Health Perspectives* 113, 1125–1133.

Boegli, H., 2006. Risk assessment of noise exposure — the Swiss perspective. EURONOISE 2006, Tampere, 2006.

CALM Newsletter 4, March 2007, p. 3. http://www.calm-network.com/calm_news_issue04.pdf.

The Chernobyl Forum: 2003–2005. *Chernobyl's Legacy: Health, Environmental and Socio-Economic Impacts and Recommendations to the Governments of Belarus, the Russian Federation and Ukraine*. Second revised version. <http://www.iaea.org/Publications/Booklets/Chernobyl/chernobyl.pdf>.

Choi, H.; Jedrychowski, W.; Spengler, J.; Camann, D. E.; Whyatt, R. M.; Rauch, V.; Tsai, W. Y.; Perera, F., 2006. International studies of prenatal exposure to PAHs and fetal growth. *Environmental Health Perspectives* 114, 1744–1750.

de Vrijes, E.; Steliarova-Foucher, E.; Spatz, A.; Ardanaz, E.; Eggermont, A. M. M.; Coebergh, J. W. W., 2006. Skin cancer incidence and survival in European children and adolescents (1978–1997). Report from the Automated Childhood Cancer Information System project. *European Journal of Cancer* 42, 2170–2182.

ECMT (European Conference of Ministers of Transport), 2004. Committee of Deputies. *Findings of the Workshop on Implementing Sustainable Urban Travel Policies in Russia and other CIS countries* (Moscow, 30 September–1 October 2004). <http://www.thepep.org/en/workplan/urban/documents/MoscowWorkshopPaper.pdf>.

EEA (European Environment Agency), the Finnish Academy of Sciences (in press). Report on the Weybridge+10 Conference, Helsinki, Finland, 8–10 November 2006. http://www.aka.fi/modules/page/show_page.asp?id=2B572A79186B48899FC7376531528689&itemtype=00308B787886459385F296A5AFD4FA74&tabletarget=data_1&pid=FCA8B4F463664BE88712FA4C21CBA7F3&layout=aka_tutkimusohjelmat2006.

EEA (European Environment Agency), 2002. *Late lessons from early warnings: the precautionary principle 1896–2000*. Environmental issue report No 22. EEA, Copenhagen.

EEA (European Environment Agency), 2004. *Mapping the impacts of recent natural disasters and technological accidents in Europe*. Environmental issue report No 35. EEA, Copenhagen.

EEA (European Environment Agency), 2005. *Environment and health*. EEA report No 10/2005. EEA, Copenhagen.

EEHC (European Environmental Health Committee), 2006. 22nd Meeting of EEHC, Szentendre, Hungary, 27–28 November 2006; personal communication Mr Robert Thaler, Chairperson CEHAPE Task Force.

Environmental Conditions in the Republic of Belarus, 2003. Popular report. <http://www.nd.minpriroda.by/eng/index.htm>.

Environmental Health Monitoring System in the Czech Republic, 2006. www.szu.cz.

Environment and Security, 2003. Transforming risks into cooperation. The case of Central Asia and South Eastern Europe. UNEP, UNDP, OSCE. <http://enrin.grida.no/environment-and-security/environment-and-security-english.pdf>.

ENVSEC, 2005. Environment and Security: Transforming risks into cooperation — Central Asia — Ferghana/Osh/Khujand area. <http://www.envsec.org/centasia/pub/ferghana-report-engb.pdf>.

- Erdinger, L.; Eckl, P.; Ingel, F.; Khussainova, S.; Utegenova, E.; Mann, V.; Gabrio, T., 2004. The Aral Sea disaster — human biomonitoring of Hg, As, HCB, DDE, and PCB in children living in Aralsk and Akchi, Kazakhstan. *International Journal of Hygiene and Environmental Health* 207, 541–547.
- Eurasia, 2005. *Central Asia: Information, Analysis, Review. Tajikistan: Floods cause havoc in south*. <http://eurasia.org.ru/cgi-bin/data/cgi/database.cgi?file=News&report=SingleArticle2005&ArticleID=0001915>.
- European Commission (DG XII), 1996. *The European Workshop on the Impact of Endocrine Disrupters on Human Health and Wildlife*. Report of Proceedings, 2–4 December 1996. Weybridge, United Kingdom.
- European Commission, 2003. Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee. *A European Environment and Health Strategy* (COM(2003)338 final). http://eur-lex.europa.eu/LexUriServ/site/en/com/2003/com2003_0338en01.pdf.
- European Commission, 2004. Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee. *The European Environment & Health Action Plan 2004–2010* (COM(2004)416 final). <http://ec.europa.eu/environment/health/pdf/com2004416.pdf>.
- European Commission, 2004a. Barbosa, P.; San-Miguel-Ayanz, J.; Camia, A.; Gimeno, M.; Libertà, G.; Schmuck, G. *Special Report: Assessment of fire damages in the EU Mediterranean Countries during the 2003 Forest Fire Campaign*. Official Publication of the European Communities, SPI.04.64 EN.
- European Commission, 2004b. San-Miguel-Ayanz, J.; Barbosa, P.; Camia, A.; Kucera, J.; Libertà, G.; Schmuck, G.; Schulte, E.; Bucella, P.; Colletti, L.; Flies, R. *Forest Fires in Europe — 2003 fire campaign*. Official Publication of the European Communities, SPI.04.124 EN.
- European Commission, 2005. The 6th Environment Action Programme (6th EAP) scoreboard. Date of validation: 26/10/2005. http://ec.europa.eu/environment/newprg/pdf/6eap_scoreboard_oct2005.pdf.
- European Commission, 2006a. The Internet consultation on the mid-term review of the Sixth Environment Action Programme. <http://ec.europa.eu/environment/newprg/pdf/statistics.pdf>.
- European Commission, 2006b. Pilot Project on Human Biomonitoring. Third Recommendation for the Implementation Group on Human Biomonitoring, October 2006.
- European Commission, 2007. Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on the *Mid-term review of the Sixth Community Environment Action Programme*. COM(2007)225 final, Brussels, 30.04.2007.
- European Community, 2007. *Seventh Research Framework programme*. http://cordis.europa.eu/fp7/cooperation/environment_en.html.
- European Council, 2006. *Renewed EU Sustainable Development Strategy*. <http://register.consilium.europa.eu/pdf/en/06/st10/st10117.en06.pdf>.
- Finnish Ministry of Social Affairs and Health, 2006. *Health in All Policies — Prospects and Potentials*. Ståhl, T.; Wismar, M.; Ollila, E.; Lahtinen, E.; Leppo, K. (Eds.). http://ec.europa.eu/health/ph_information/documents/health_in_all_policies.pdf.
- German Environmental Survey, 2006. <http://www.umweltbundesamt.de/survey-e>.
- Interstate Statistical Committee of the Commonwealth of Independent States, 2005. *Population and Living Condition in the Countries of the Commonwealth of Independent States. Statistical Abstract*. Moscow, 2005, pp. 141–143.
- IPCC/TEAP, 2005. *Special report: Safeguarding the Ozone Layer and the Global Climate System: Issues Related to Hydrofluorocarbons and Perfluorocarbons. Summary for Policymakers*.
- IRIN, 2003. *Kyrgyzstan: Focus on rising ground-water levels in the south*. <http://www.irinnews.org/report.asp?ReportID=35844>.
- IRIN, 2003a. *Kazakhstan: Questions remain about waste dumps in Mangistau*. <http://www.irinnews.org/report.asp?ReportID=36832>.
- IRIN, 2005. *Kyrgyzstan: Landslide close to Mailuu-Suu uranium dump*. <http://www.irinnews.org/report.asp?ReportID=46641&SelectRegion=Asia&SelectCountry=KYRGYZSTAN>.
- Martín, M. A.; Tarrero, A.; González, J.; Machimbarrena, M., 2006. Exposure-effect relationships between road traffic noise annoyance and noise cost valuations in Valladolid, Spain. *Applied Acoustics* 67, 945–958.
- Menne, B.; Ebi K. (Eds.), 2006. *Climate Change and Adaptation Strategies for Human Health*. Steinkopff Verlag, Darmstadt.
- Mucha, A. P.; Hryhorczuk, D.; Serdyuk, A.; Nakonechny, J.; Zvinchuk, A.; Erdal, S.; Caudill, M.; Scheff, P.; Lukyanova, E.; Shkiryak-Nyzhnyk, Z.; Chislovska, N., 2006. Urinary 1-Hydroxypyrene as a Biomarker of PAH Exposure in 3-Year-Old Ukrainian Children. *Environmental Health Perspectives* 114, 603–609.
- OECD, 2005. Environmental Management in EECCA. http://europeandcis.undp.org/WaterWiki/images/4/40/Environmental_Management_in_EECCA_-_EAP_TF_baseline_report_for_BELGRADE_2007.pdf.
- Paunovic, E. (Secretariat for Environmental Protection, City of Belgrade); Domic, M.; Dosev, G. (House of Health Obrenovac), 2006. The Prevalence of Respiratory Symptoms in Children and Adults — Living at Different Distances from the Ash Deposition of the Thermal Power Plant 'Nikola Tesla' Obrenovac. Case study/personal communication.
- Portuguese Meteorological Institut, 2007. http://www.meteo.pt/pt/clima/clima_ondacalor3.html.
- Rehfuess, E.; Mehta, S.; Prüss-Üstün, A., 2006. Assessing Household Solid Fuel Use: Multiple Implications for the Millennium Development Goals. *Environmental Health Perspectives* 114, 373–378.
- RIVM, 2004. *Hinder door milieufactoren en de beoordeling van de leefomgeving in Nederland Inventarisatie verstoringen 2003*. Franssen, E. A. M.; van Dongen, J. E. F.; Ruysbroek, J. M. H.; Vos, H.; Stellato, R. K. (Eds.). TNO rapport 2004–34. RIVM rapport 815120001/2004.

- Schoeters, G.; Koppen, G.; Den Hond, E.; Nelen, V.; Bruckers, L.; Bilau, M.; Keune, H.; Van Larebeke, N., 2006. *Biomarkers of exposure and effect in mother-child pairs in a large scale environmental health biomonitoring study in Flanders* (provided by the Belgium National Focal Point).
- Statistics Norway, 2006. *State of the Environment Norway*. <http://www.environment.no>.
- Swedish Environmental Health Report, 2005. Stockholm, Sweden.
- THE PEP (Transport, Environment and Health, Pan-European Programme), 2006. Tkhilava, N.; Karanadze, L.; Vardosanidze, L.; Mindorashvili, A.; Juruli, M. *Challenges and possible solutions for sustainable urban transport in Tbilisi. Workshop on Sustainable Urban Transport and Land Use Planning*, 18–20 October 2006, Tbilisi, Georgia. http://www.thepep.org/en/workplan/urban/documents/Georgia_backgroundreport_001.pdf.
- UBA (Umweltbundesamt), 2005. *Data on the environment. The state of the environment in Germany*. Dessau: Federal Environmental Agency, pp. 78–92.
- UNDP (United Nations Development Programme), 2002. *The Human Consequences of the Chernobyl Nuclear Accident: A Strategy for Recovery*. A report commissioned by UNDP and UNICEF with the support of UN-OCHA and WHO. <http://chernobyl.undp.org/english/docs/Strategy%20for%20Recovery.pdf>.
- UNDP (United Nations Development Programme), 2007. *Environmental Policy in South-eastern Europe* (draft).
- UNECE (United Nations Economic Commission for Europe), 1998. *Convention on access to information, public participation in decision-making and access justice in environmental matters*. <http://www.unece.org/env/pp/documents/cep43e.pdf>.
- UNECE (United Nations Economic Commission for Europe), 2000. *Protocol on Water and Health to the 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes*, done in London, on 17 June 1999. <http://www.unece.org/env/documents/2000/wat/mp.wat.2000.1.e.pdf>.
- UNECE (United Nations Economic Commission for Europe), 2003. *Environmental Performance Review. Azerbaijan*. <http://www.unece.org/env/epr/studies/azerbaijan/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2004. *Environmental Performance Review. Bosnia and Herzegovina*. http://www.unece.org/env/epr/studies/bosnia_and_herzegovina/welcome.htm.
- UNECE (United Nations Economic Commission for Europe), 2005. *Environmental Performance Review. Belarus, second review*. <http://www.unece.org/env/epr/studies/belarus/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2006. *Environmental Performance Reviews. Ukraine, draft, second review*. http://www.unece.org/env/epr/studies/Ukraine_2/welcome.htm.
- UNECE (United Nations Economic Commission for Europe), 2007. *First meeting of the Parties to the Protocol on Water and Health*. Geneva, Switzerland, 17–19 January 2007. <http://www.unece.org/env/water/whmop1/highlights.htm>.
- UNEP (United Nations Environment Programme), 2007. *Central and Eastern Europe + Central Asia lead matrix*. Partnership for Clean Fuels and Vehicles United Nations Environment Programme.
- UNICEF, 2006. <http://childinfo.org/areas/childmortality/methodology.php>.
- Weinhold, B., 2006. Epigenetics — the science of change. *Environmental Health Perspectives* 114, A160–A167.
- WHO (World Health Organization), 1999. *Guidelines for community noise*. Eds.; Berglund, B.; Lindvall, T.; Schwela, D. H.; WHO, Geneva. <http://www.who.int/docstore/peh/noise/guidelines2.html>.
- WHO (World Health Organization Regional Office for Europe), 2004. *Children's Environment and Health Action Plan for Europe (CEHAPE)*. <http://www.euro.who.int/document/e83338.pdf>.
- WHO (World Health Organization Regional Office for Europe), 2004a. *Declaration of the Fourth Ministerial Conference on Environment and Health, Budapest, 23–25 June 2004*. <http://www.euro.who.int/document/e83335.pdf>.
- WHO (World Health Organization Regional Office for Europe), 2004b. Valent, F.; Little, D.; Tamburlinie, G.; Barbone, F. *Burden of disease attributable to selected environmental factors and injuries among Europe's children and adolescents*. Environmental Burden of Disease Series, No 8.
- WHO (World Health Organization Regional Office for Europe), 2005. *Health and climate change: the 'now and how'. A policy action guide*. <http://www.euro.who.int/document/E87872.pdf>.
- WHO (World Health Organization Regional Office for Europe), 2005a. *Public health action for healthier children and populations. The European health report 2005*.
- WHO (World Health Organization Regional Office for Europe), 2005b. *Effects of air pollution on children's health and development*. WHO, Copenhagen.
- WHO (World Health Organization Regional Office for Europe), 2006. *Enhancing health security: the challenges in the WHO European Region and the health sector response*. Regional Committee for Europe, 56th Session, 11–13 September 2006.
- WHO (World Health Organization), 2006a. *Health Effects of the Chernobyl Accident And Special Health Care Programmes*. Report of the UN Chernobyl Forum. Expert Group 'Health'. Eds. Bennett, B.; Repacholi, M.; Carr, Z. WHO, Geneva. http://www.who.int/ionizing_radiation/chernobyl/WHO%20Report%20on%20Chernobyl%20Health%20Effects%20July%202006.pdf.
- WHO (World Health Organization Regional Office for Europe, European Centre for Environment and Health), 2006b. *Case study: Heat wave 2003*, Global Change and Health Programme, Rome.
- WHO (World Health Organization), 2006c. *Preventing disease through healthy environments: Towards an estimate of the environmental burden of disease*. WHO, Geneva. http://www.who.int/quantifying_ehimpacts/publications/preventingdisease.pdf.

- WHO (World Health Organization Regional Office for Europe), 2007. *Children's health and the environment in Europe: a baseline assessment, version May 2007*. WHO Regional Office for Europe, EU/06/50678021. <http://www.enhis.org>.
- WMO/UNEP (World Meteorological Organization/United Nations Environment Programme), 2006. Scientific Assessment of Ozone depletion. http://ozone.unep.org/Publications/Assessment_Reports/2006/Scientific_Assessment_2006_Exec_Summary.pdf.
- ## Section. 2.2 Air quality
- Amann, M.; Cabala, R.; Cofala, J.; Heyes, C.; Klimont, Z.; Schöpp, W.; Tarrason, L.; Simpson, D.; Wind, P.; Jonson, J. E. IIASA, 2004. 'Current Legislation' and the 'Maximum Technically Feasible Reduction' cases for the CAFE baseline emission projections. http://www.iiasa.ac.at/rains/CAFE_files/baseline3v2.pdf.
- Amann, M.; Bertok, I.; Cofala, J.; Gyarfas, F.; Heyes, C.; Klimont, Z.; Schöpp, W.; Winiwarter, W. IIASA, 2005a. *Baseline Scenarios for the Clean Air for Europe (CAFE) Programme*.
- Amann, M.; Bertok, I.; Cabala, R.; Cofala, J.; Heyes, C.; Gyarfas, F.; Klimont, Z.; Schöpp, W.; Wagner F., 2005b. *A further emission control scenario for the Clean Air For Europe (CAFE) programme*. CAFE Report No 7. International Institute for Applied Systems Analysis (IIASA). October 2005. http://www.iiasa.ac.at/rains/CAFE_files/CAFE-D28.pdf.
- APHEIS (Air Pollution and Health: A European Information System), 2006. <http://www.apheis.net>.
- Bel NIC, 2006. Nacionalna Sistema Monitoringa Okruzhayushchey Sredi Respubliki Belarus: *Resultaty nabludeniya*, 2005. Scientific Research Centre BelNIC, Minsk 2006.
- CAFE WG, 2004. *CAFE Working Group on Particulate Matter. Second Position Paper on Particulate Matter 2004*. http://ec.europa.eu/environment/air/cape/pdf/working_groups/2nd_position_paper_pm.pdf.
- ECMT, 2004. Committee of Deputies. Findings of the Workshop on Implementing Sustainable Urban Travel Policies in Russia and other CIS countries (Moscow, 30 September –1 October 2004). <http://www.thepep.org/en/workplan/urban/documents/MoscowWorkshopPaper.pdf>.
- EEA (European Environment Agency), 2006a. EEA CSI 004. <http://ims.eionet.europa.eu>.
- EEA (European Environment Agency), 2006b. EEA CSI001–CSI003. <http://ims.eionet.europa.eu>.
- EEA (European Environment Agency), 2006c. *Air quality and ancillary benefits of climate change policies*. EEA Technical report No 4/2006. EEA, Copenhagen.
- EEA (European Environment Agency), 2007a. Air pollution in Europe — 2006. EEA report No x/2007 (forthcoming).
- EEA (European Environment Agency), 2007b. EEA CSI 005. <http://ims.eionet.europa.eu>.
- EMEP, 2006. EMEP Co-operative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe. *Transboundary particulate matter in Europe Status report 2006*. EMEP Report 4/2006. August 2006.
- ENTEC (Environmental and Engineering Consultancy), 2002. *Quantification of emissions from ships associated with ship movements between ports in the European Community*. Report for the European Commission Directorate General Environment. July, 2002. ENTEC UK Limited.
- ENTEC (Environmental and Engineering Consultancy), 2005. *Service Contract on Ship Emissions: Assignment, Abatement and Market-based Instruments*. Report for the European Commission Directorate General Environment. February, 2005. ENTEC UK Limited.
- European Commission, 2005a. Communication from the Commission to the Council and the European Parliament *Thematic Strategy on Air Pollution* (COM(2005)446 final). http://eur-lex.europa.eu/LexUriServ/site/en/com/2005/com2005_0446en01.pdf.
- European Commission, 2005b. The Communication on Thematic Strategy on Air Pollution and the Directive on *Ambient Air Quality and Cleaner Air for Europe*, Impact Assessment. http://europa.eu.int/comm/environment/air/cape/pdf/ia_report_en050921_final.pdf.
- European Commission, 2005c. Proposal for a Directive of the European Parliament and of the Council on ambient air quality and cleaner air for Europe. (COM(2005)447 final). <http://europa.eu.int/comm/environment/air/cape/index.htm>.
- European Council, 1996. *Council Directive 96/62/EC of 27 September 1996 on ambient air quality assessment and management*. OJEC No L 296/55.
- European Council, 1999. *Council Directive 1999/30/EC of 22 April 1999 relating to limit values for sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead in ambient air*. OJEC No L 163.
- European Parliament and European Council, 2000. *Directive 2000/69/EC of the European Parliament and of the Council of 16 November 2000 relating to limit values for benzene and carbon monoxide in ambient air*. OJEC No L 313.
- European Parliament and European Council, 2001. *Directive 2001/81/EC of the European Parliament and of the Council of 23 October 2001 on national emission ceilings for certain atmospheric pollutants*. OJEC No L 309/22.
- European Parliament and European Council, 2002. *Directive 2002/3/EC of the European Parliament and of the Council of 12 February 2002 relating to ozone in ambient air*. OJEC No L 067.
- European Parliament and European Council, 2004. *Directive 2004/107/EC of the European Parliament and of the Council of 15 December 2004 relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air*. OJEC No L 23/3.
- Eurostat, 2006. Eurostat Structural indicators: Urban population exposure to air pollution by particulate matter. *Population weighted annual mean concentration of particulate matter*. <http://europa.eu.int/comm/eurostat/structuralindicators>.
- Federal Hydrometeorological Institute, Sarajevo, Bosnia and Herzegovina, 2007. <http://www.fhmzbih.gov.ba>.
- IIASA/RAINS (International Institute for Applied Systems Analysis), 2004. Emission, Scenario:CP_CLE_Aug04 (November 2004). <http://www.iiasa.ac.at/web-apps/apd/RainsWeb/>.

- IPH (Institute of Public Health of Albania, Tirana), 2006. Data also available from <http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=956>, indicator 004.
- Leeuw, F. A. A. M. de, 2002. A set of emission indicators for long-range transboundary air pollution, *Environmental Science & Policy* 5 (2002), pp. 135–145.
- MNR RF, 2006. *Государственный доклад 'О состоянии и охране окружающей среды Российской Федерации в 2004 году'* <http://www.mnr.gov.ru/part/?act=more&id=726&pid=153>.
- MoH USSR, 1983. *Temporary Recommendations for the Preparation of a List of Hazardous Substances to be Monitored in the Atmosphere*. Ministry of Health of the Russian Federation, Moscow, 1983.
- MSC-E, 2006. Meteorological Synthesizing Centre. <http://www.msceast.org/>.
- OECD (Organisation for Economic Cooperation and Development), 2007. *Policies for a Better Environment – Progress in Eastern Europe, Caucasus and Central Asia*. Paris.
- Pandey, K. D.; Wheeler, D.; Ostro, B.; Deichmann, U.; Hamilton, K. and Bolt, K. (forthcoming 2006). *Ambient Particulate Matter Concentrations in Residential and Pollution Hotspot areas of World Cities: New Estimates based on the Global Model of Ambient Particulates (GMAPS)*. The World Bank Development Economics Research Group and the Environment Department Working Paper. The World Bank, Washington DC.
- Popovic, Tihomir, 2007. Serbian EPA. Personal communication.
- Reshetin, V. P. and Kazazyan, V. I., 2004. Public-Health Impact of Outdoor Air Pollution in Russia. *Environmental Modeling and Assessment* 9: 43–50, 2004.
- Roshydromet, 2005. *Обзор загрязнения природной среды в Российской Федерации за 2004 г, Москва. Государственный доклад О состоянии и охране окружающей среды Российской Федерации в 2004 году*, (in Russian). <http://www.meteorf.ru/rgm2d.aspx?RgmDocID=ff2a86c9-768d-476c-9395-cf1cbf4ced3f>.
- SEPA (Serbian Environmental Protection Agency), 2006. <http://www.sepa.sr.gov.yu/>. Data also available from <http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=956>, indicator 004.
- Statistica Moldovei, 2006. *Statistical Yearbook of the Republic of Moldova*. National Bureau of Statistic of the Republic of Moldova. Chisinau, 2006.
- Strukova, E.; Golub, A. and Markandya, A., 2006. *Air Pollution Costs in Ukraine*. The Fondazione Eni Enrico Mattei Note di Lavoro Series Index, 2006. <http://www.feem.it/Feem/Pub/Publications/WPapers/default.htm>.
- Tasić, M.; Rajšić, S.; Novaković, V.; Mijić Z., 2006. Atmospheric Aerosols and their Influence on Air Quality in Urban Areas. *FACTA UNIVERSITATIS. Series: Physics, Chemistry and Technology Vol. 4, No 1, 2006*, pp. 83–91.
- UNDP (United Nations Development Programme), 2007. *Environmental Policy in South East Europe*. Working Draft. 5 February 2007.
- UNECE (United Nations Economic Commission for Europe), 1999. Protocol to the 1979 Convention on Long-range Transboundary air pollution (CLRTAP) to abate acidification, eutrophication and ground-level ozone. 1 December 1999. Gothenburg.
- UNECE (United Nations Economic Commission for Europe), 2003. *EECCA Environmental strategy (ECE/CEP/105/Rev. 1)*.
- UNECE (United Nations Economic Commission for Europe), 2004a. *Clearing the air. 25 years of the Convention on Long-range Transboundary Air Pollution*. ECE/EB. AIR/84.
- UNECE (United Nations Economic Commission for Europe), 2004b. *Capacity Building for Air Quality Management and the Application of Clean Coal Combustion Technologies in Central Asia*. Project Document United Nations Development Account, 2004. <http://www.unece.org/ie/capact/>.
- UNECE (United Nations Economic Commission for Europe), 2006. *Adaptation of monitoring networks in eastern Europe, Caucasus and Central Asia: Air quality monitoring*. ECE/CEP/AC. 10/2006/3.
- UNEP/RIVM, 1999. Bouwman, A. F.; van Vuuren, D. P. *Global assessment of acidification and eutrophication of natural ecosystems*. UNEP/DEIA&EW/TR. 99-6 and RIVM 402001012.
- Vestreng, V.; Breivik, K.; Adams, M.; Wagener, A.; Goodwin, J.; Rozovskaya, O.; Pacyna, J. M., 2005. *Inventory Review 2005. Emission Data reported to LRTAP Convention and NEC Directive*. Initial review of HMs and POPs. Technical report MSC-W 1/2005, ISSN 0804-2446.
- Vujic, B.; Djarmati, Z.; Popovic, T.; Lazic, N.; Zrnic, Z.; Orlovic, T. EEA data centre, 2006.
- Watkiss, P.; Pye, S. and Holland, M., *CAFÉ CBA. Baseline analysis 2000 to 2020*. Didcot. AEA Technology Environment, 2005. http://europa.eu.int/comm/environment/air/cafe/activities/pdf/cba_baseline_results2000_2020.pdf.
- WHO (World Health Organization), 2003. *Health aspects of air pollution with particulate matter, ozone and nitrogen dioxide*. Report on WHO Working Group, 13–15 January 2003. Bonn, Germany.
- WHO (World Health Organization), 2004a. *Systematic Review of Health Aspects of Air Pollution in Europe*. WHO report. WHO Regional Office for Europe, June 2004. www.euro.who.int.
- WHO (World Health Organization), 2004b. Ezzati, M.; Lopez, A. D.; Rodgers, A.; Murray, C. J. L., 2004. *Comparative quantification of health risks: global and regional burden of disease attributable to selected major risk factors*.
- WHO (World Health Organization), 2005a. *WHO air quality guidelines global update 2005. Report on a Working Group meeting*. Bonn, Germany 18–20 October 2005. <http://www.euro.who.int/Document/E87950.pdf>.
- WHO (World Health Organization), 2005b. *Health basis for air quality management in Eastern Europe, Caucasus and Central Asia*. Report from a WHO consultative meeting. Moscow, the Russian Federation.
- WHO (World Health Organization), 2006. *Health risks of particulate matter from long-range transboundary air pollution*. <http://www.euro.who.int/document/E88189.pdf>.

Section 2.3 Inland waters

- Arnell, W., 1999. The Effect of Climate Change on Hydrological Regimes in Europe: A Continental Perspective. *Global Environmental Change* 9, 5–23.
- Arnell, N., 2004. Climate change and global water resources: SRES emissions and socio-economic scenarios. *Global Environmental Change*, Vol. 14, 31–52.
- CA REAP, 2006. Assessment Reports on Priority Ecological Issues in Central Asia. Transboundary waters pollution in Central Asia.
- CISSTAT, 2006. Official Statistics of the Countries of the Commonwealth of Independent States (CD-Rom). <http://www.cisstat.com/eng/cd-offst.htm>.
- Crosa, G.; Froebrich, J.; Nikolayenko, V.; Stefani, F.; Galli, P. and Calamari, D., 2006. Spatial and seasonal variations in the water quality of the Amu Darya River (Central Asia). *Water Research* 40, 227–2245.
- CROSTAT, 2006. Croatia Statistical Yearbook, 2005. Table 25.6 Public water supply system. http://www.dzs.hr/Eng/Publication/stat_year.htm.
- DEFRA, 2005. e-Digest Statistics about: Inland Water Quality and Use. Table 26 Distribution input and supply pipe leakage: 1992/3–2004/5, England and Wales. <http://www.defra.gov.uk/environment/statistics/inwater/iwsupplyuse.htm>.
- Demin, A. P., 2005. The Efficiency of Water Resources Management in Volga Basin. *Water Resources*, Vol. 32, No 6, pp. 594–604.
- DEPA, 2004. Nature and Environment 2003. Theme: Water in Denmark. Indicator report from Danish Environmental Protection Agency. <http://mim.netboghhandel.dk/publ.asp?page=publ&objno=250001679>.
- EEA (European Environment Agency), 2003. *Europe's water: An indicator-based assessment*. Environmental issue report No 34. http://reports.eea.europa.eu/report_2003_0617_150910/en.
- EEA (European Environment Agency), 2004. *Impact of climate change*. EEA Report No 2/2004. http://reports.eea.europa.eu/climate_report_2_2004/en.
- EEA (European Environment Agency), 2005a. *Source apportionment of nitrogen and phosphorus inputs into the aquatic environment*. EEA Report No 7/2005. http://reports.eea.europa.eu/eea_report_2005_7/en.
- EEA (European Environment Agency), 2005b. European Environment Outlook. EEA Report No 4/2005. http://reports.eea.europa.eu/eea_report_2005_4/en.
- EEA (European Environment Agency), 2007. *Climate change and water adaptation issues*. EEA Technical report No 2/2007. http://reports.eea.europa.eu/technical_report_2007_2/en.
- EEA CSI18; EEA CSI19 and EEA CSI20. EEA Core set of indicators. <http://themes.eea.europa.eu/IMS/CSI>.
- Eisenreich, S. (Ed.), 2005. *Climate Change and the European Water Dimension*. Report from JRC. http://ies.jrc.ec.eu.int/fileadmin/Documentation/Reports/Inland_and_Marine_Waters/Climate_Change_and_the_European_Water_Dimension_2005.pdf.
- Estonian Environment Information Centre, 2006. *Environmental review 2005*. <http://www.keskkonnainfo.ee/uudised/ylevaadeeng/1/1>.
- European Commission, 2004. Implementation of Council Directive 91/271/EEC of 21 May 1991 concerning urban waste water treatment, as amended by Commission Directive 98/15/EEC of 27 February 1998. COM(2004)248 final.
- European Commission, 2006. *Proposal for a Directive of the European Parliament and of the Council on the assessment and management of floods*. COM(2006)15 final of 18.1.2006.
- European Parliament and European Council, 2000. *Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy*.
- Eurostat, 2006. *Water abstraction and water use tables*. Last updated 27 October 2005. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=0,1136239,0_45571447&_dad=portal&_schema=PORTAL.
- EUWIMED, 2006. *Mediterranean Water Scarcity and Drought Report*. Joint Mediterranean EUWI/WFD Process. Report produced by the Mediterranean water scarcity and drought working group.
- GIWA/Global International Waters Assessment, 2005. *Aral Sea, GIWA Regional assessment 24*. <http://www.giwa.net/publications/r24.phtml>.
- Global Active Archive of Large Flood Events, Dartmouth Flood Observatory. <http://www.dartmouth.edu/~floods/Archives/index.html>.
- Hadley Centre, 2005. *Climate change, rivers and rainfall. Recent research on climate change science from the Hadley Centre*. Briefing note December 2005. <http://www.metoffice.com/research/hadleycentre/pubs/brochures/B2005/COP11.pdf>.
- Hohensinner, S., 2006. Data provided to the EEA by S. Hohensinner from the FWF-Project Machland 1715–1991, Grant-No P14959-B06. See also Hohensinner S. in Kromp-Kolb H., 2003. Auswirkungen von Klimaänderungen auf die Tierwelt — derzeitiger Wissensstand, fokussiert auf den Alpenraum und Österreich. A report for Bundesministerium für Land- und Forstwirtschaft, Umwelt und Wasserwirtschaft. Figure 22 at p. 71. <http://www.boku.ac.at/imp/klima/Literatur/tiere.pdf>.
- IPCC, 2001. *Climate Change 2001: Impacts, Adaptation and Vulnerability, WG2 report. Chapter 4: Hydrology and water resources; Section 5. 7 Lakes and Streams and Chapter 13: Europe*. http://www.grida.no/climate/ipcc_tar/wg2/index.htm.
- Klein Tank, A.; Wijngaard, J. and van Engelen, A., 2002. Climate in Europe. Assessment of observed daily temperature and precipitation extremes. European Climate Assessment, KNMI, the Bilt, the Netherlands. <http://eca.knmi.nl/publications/index.php>.
- Korhonen J., 2002. *SY566 Suomen vesistöjen lämpötilaolot 1900-luvulla*. Part II (Summary in English) <http://www.ymparisto.fi/download.asp?contentid=10498&lan=fi>.
- MIMAM, 2000. *Libro Blanco del Agua en España*. http://www.mma.es/portal/secciones/acm/fondo_docu_descargas/libro_blanco/.

- Murray-Rust, H.; Abdullaev, I.; Mehmood, U. H. and Horinkova, V., 2003. *Water Productivity in the Syr-Darya river Basin*, IWRM Research Report 67, International Water Management Institute, Colombo, Sri Lanka.
- MNP, 2006. *The effects of climate change in the Netherlands*. Report from the Netherlands Environment Assessment Agency, 112 p. http://www.mnp.nl/images/Effects%20climate%20changeNL_tcm61-29467.pdf.
- OECD (Organisation for Economic Cooperation and Development), 2005. *Progress on implementing the Almaty Guiding Principles for the Reform of the Urban Water Supply and Sanitation Sector in EECCA*. ENV/EPOC/EAP/WSS(2005)2.
- OECD (Organisation for Economic Cooperation and Development), 2007. *Policies for a Better Environment – Progress in Eastern Europe, Caucasus and Central Asia*.
- Peterson, B. J.; Holmes, R. M.; McClelland, J. W.; Vorosmarty, C. J.; Lammers, R. B.; Shiklomanov, A. I.; Shiknomanov, I. A. and Rahmstorf, S., 2002. Increasing river discharge to the Arctic Ocean, *Science*, 298, 2171–2173. <http://ecosystems.mbl.edu/partners/pdf/Peterson%20et%20al%20Science%202002.pdf>.
- Rijkswaterstaat, measurements Rhine River at Lobith period 1908–2006 (non-published); see also MNP, 2006.
- Richter-Menge, J.; Overland, J.; Proshutinsky, A.; Romanovsky, V.; Bengtsson, L.; Brigham, L.; Dyurgerov, M.; Gascard, J. C.; Gerland, S.; Graversen, R.; Haas, C.; Karcher, M.; Kuhry, P.; Maslanik, J.; Melling, H.; Maslowski, W.; Morison, J.; Perovich, D.; Przybylak, R.; Rachold, V.; Rigor, I.; Shiklomanov, A.; Stroeve, J.; Walker, D. and Walsh, J., 2006. *State of the Arctic Report*. NOAA OAR Special Report, NOAA/OAR/PMEL, Seattle, WA, 36 pp. <http://www.pmel.noaa.gov/pubs/PDF/rich2952/rich2952.pdf>.
- Rohde, A.; Konishi, T. and Janakiram, S., 2004. *Albania: Urban and Rural Water and Sanitation Reform*, World Bank, Washington DC, USA. <http://info.worldbank.org/etools/reducingpoverty/docs/FullCases/ECA%20PDF/Albania%20Water%20Reform.pdf>.
- Speck, S., 2005. *Financial aspects of water supply and sanitation in transboundary waters of South-Eastern Europe*. A report for the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. http://www.bmu.de/files/pdfs/allgemein/application/pdf/financial_aspect_water_investment.pdf.
- Statistics Denmark, 2006. *Statistikbanken*. <http://www.statistikbanken.dk/statbank5a/default.asp?w=1280>.
- Turkish Statistical Institute. *Statistical Year book*. <http://www.die.gov.tr/ENGLISH/index.html>.
- UNECE (United Nations Economic Commission for Europe), 2001. *Environmental Country Review of Uzbekistan*. <http://www.unece.org/env/epr/studies/uzbekistan/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2002. *Environmental Performance Review of Albania*. <http://www.unece.org/env/epr/studies/albania/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2003. *Environmental Performance Review of Azerbaijan*. <http://www.unece.org/env/epr/studies/azerbaijan/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2004a. *Environmental Performance Review of Bosnia and Herzegovina*. http://www.unece.org/env/epr/studies/bosnia_and_herzegovina/welcome.htm.
- UNECE (United Nations Economic Commission for Europe), 2004b. *Environmental Performance Review of Tajikistan*. <http://www.unece.org/env/epr/studies/Tajikistan/welcome.htm>.
- UNECE (United Nations Economic Commission for Europe), 2005. *Environmental Performance Review of Moldova*. http://www.unece.org/env/epr/studies/moldova_2/welcome.htm.
- UNECE (United Nations Economic Commission for Europe), 2006. *Environmental Performance Review of Ukraine (updated draft)*. http://www.unece.org/env/epr/studies/Ukraine_2/welcome.htm.
- UNECE Water. <http://unece.org/env/water/welcome.html>; Petersburg Process. http://www.bmu.de/english/water_management/current/doc/36213.php; Transboundary Water Information Exchange Network for Southeast Europe. <http://www.watersee.net/>.
- UNEP (United Nations Environment Programme), 2004. *Impacts of summer 2003 heat wave in Europe*. Briefing Note #2 Early Warning on Emerging Environmental Threats. http://www.grid.unep.ch/product/publication/download/ew_heat_wave.en.pdf.
- UNEP/MAP, Blue Plan, 2005. *A Sustainable Future for the Mediterranean: the Blue Plan's Environment and Development Outlook*. Edited by Guillaume Benoit and Aline Comeau, Earthscan, London, 2005.
- Unesco, 2006. *The 2nd UN World Water Development Report: Water, a shared responsibility*. http://www.unesco.org/water/wwap/wwdr2/table_contents.shtml.
- Unicef, 2006. *Progress for children: A report card on water and sanitation*. The United Nations Children's Fund (UNICEF), New York.
- UN Statistics Division, 2006. United Nations Statistics Divisions Data collection questionnaire 2006. <http://unstats.un.org/unsd/ENVIRONMENT/datacollect.htm>.
- UN Statistics Division, 2007. *Millennium Development Indicators. Number 30. Proportion of population with sustainable access to an improved water source, urban and rural*. <http://mdgs.un.org/unsd/mdg/Metadata.aspx?IndicatorId=30e> and *Number 31. Proportion of population with access to improved sanitation, urban and rural*. <http://mdgs.un.org/unsd/mdg/Metadata.aspx?IndicatorId=31>.
- Wegerich, K., 2001. Natural drought or human made water scarcity in Uzbekistan? <http://www.ccb.ucar.edu/centralasia/wegerichPaper.pdf#search=%22wegerich%20uzbekistan%22>.
- WHO (World Health Organization), Europe. Homepage on Water and Sanitation. <http://www.euro.who.int/watsan>.
- WHO (World Health Organization), 2004. *Health and the environment in the WHO European Region: Situation and policy at the beginning of the 21st Century*. Background report for the Fourth Ministerial Conference on Environment and Health. Budapest, Hungary, 23–25 June 2004. <http://www.euro.who.int/document/eehc/ebakdoc05.pdf>.

World Bank, 2003. Water resources in Europe and Central Asia. Volume II — Country Water Notes. http://siteresources.worldbank.org/INTALBANIA/Resources/Water_Resources_Management_in_South_Eastern_Europe-Volume_Two.pdf.

World Bank, 2005. *Millennium Development Goals in Europe and Central Asia, Section: 7. Environment* <http://web.worldbank.org/WBSITE/EXTERNAL/COUNTRIES/ECAEXT/0,contentMDK:20635333~pagePK:146736~piPK:146830~theSitePK:258599,00.html>.

Section 2.4 Soil

Cabernet, 2004. *The scale and nature of European brownfields*. Paper by Lee Oliver, Uwe Ferber, Detlef Grimski, Kate Millar, Paul Nathanail. Concerted Action on Brownfields and Economic Regeneration, 2004.

Diamond, Jarred, 2005. *Collapse. How societies choose to fail or survive*. Allen Lane.

EEA (European Environment Agency), 2004. *Agriculture and the environment in the EU accession countries. Implications of applying the EU common agricultural policy*. Environmental issue report No 37. EEA, Copenhagen.

EEA (European Environment Agency), 2005. *The European environment — State and outlook 2005*. EEA, Copenhagen.

EEA (European Environment Agency), 2006. *Land accounts for Europe 1990–2000. Towards integrated land and ecosystem accounting*. EEA Report No 11/2006. EEA, 2006.

EEA (European Environment Agency), 2007. *Progress in the management of contaminated sites*. EEA core-set indicator no 15. http://themes.eea.europa.eu/Specific_media/soil/indicators. EEA, Copenhagen.

EEA/UNEP, 2000. *Down to earth: Soil degradation and sustainable development in Europe. A challenge for the 21st century*. Environmental issues Series No 6. EEA, Copenhagen.

ENEA (European Network of Environmental Authorities), 2006. *The contribution of structural and cohesion funds to a better environment*. Document by ENEA. Luxembourg: Office for Official Publications of the European Communities, 2006.

Environment Agency of England & Wales, 2005. *Indicators of land contamination*. August 2005.

EPA (Environmental Protection Agency), 2005. *Brownfield site redevelopment*. EPA viewpoint. Irish Environmental Protection Agency, October 2005.

EPA (Environmental Protection Agency), 2006. *Environment in focus 2006*. Irish Environmental Protection Agency, 2006.

European Commission, 2005. *Soil atlas of Europe*. European Soil Bureau Network, European Commission, 2005. Office for Official Publications of the European Communities, Luxembourg.

European Commission, 2006a. *Proposal for a Directive of the European Parliament and of the Council establishing a framework for the protection of soil and amending Directive 2004/35/EC* (presented by the Commission). COM(2006)232 final. European Commission, Brussels, 22.09.2006. Website on EU soil policy. <http://ec.europa.eu/environment/soil/index.htm>.

European Commission, 2006b. *Proposal for a Directive of the European Parliament and of the Council on the assessment and management of floods*. COM(2006)15 final of 18.1.2006. http://ec.europa.eu/environment/water/flood_risk/index.htm.

European Commission, 2006c. *Halting the Loss of Biodiversity by 2010 and Beyond — Sustaining Ecosystem Services for Human Well-Being*. COM(2006)216 final. Brussels, Belgium.

European Council, 2006. *The Community Strategic Guidelines on Cohesion 2007–2013*. Council Decision of 6 October 2006 on Community strategic guidelines on cohesion. 2006/702/EC. http://ec.europa.eu/regional_policy/sources/docoffic/2007/osc/index_en.htm.

ICBL, 2005. *Landmining Monitoring Report 2005*. International Campaign to Ban Landmining, 2005. <http://www.icbl.org/lm/>.

ICBL, 2006. *Landmining Monitoring Report 2006*. International Campaign to Ban Landmining, 2006. <http://www.icbl.org/lm/>.

IHPA, 2006. Overview of estimated amounts of Obsolete Pesticides in EECCA countries compiled by IHPA, 07.06.2006. International HCH and Pesticides Association, 2006. [http://www.iHPA.info/OverviewOPsEECCAJune\(2006\).pdf](http://www.iHPA.info/OverviewOPsEECCAJune(2006).pdf).

IIASA, 2002. Land Resources of Russia. On-line database. IIASA, Laxenburg, Austria. http://www.iasa.ac.at/Research/FOR/russia_cd/deg_des.htm.

ISS, 2005. *Indagini epidemiologiche nei siti di interesse nazionale per le bonifiche delle regioni italiane previste dai Fondi strutturali dell'Unione europea* (Epidemiological analyses in the sites considered national priorities for remediation located in the Italian regions eligible for the EU Structural funds). Italian national institute for health. Rapporti ISTISAN 05/1. Istituto Superiore di Sanità, 2005.

MEF-T, 2006. *Web page of the directorate of Reforestation and Erosion Control (AGM), Ministry of Environment and Forestry of Turkey*. <http://www.agm.gov.tr>. On land restoration measures: <http://www.agm.gov.tr/istatistikler/ulkeistatistikleri/AGM-OGMfaaliyetleri.xls> (in Turkish).

Ministry of Environment of Ukraine, 2007. *Data on soil degradation compiled from various sources*. Communication to the EEA, January 2007.

Ministry of Natural Resources and Environmental Protection, 2006. *National report of the Republic of Belarus on the implementation of the UNCCD*. Ministry of Natural Resources and Environmental Protection. Minsk, 2006.

NATO/CCMS-Turkey, 2006. *Tour de Table: The situation of contaminated sites in Turkey*. Country presentation at the NATO/CCMS Pilot Study workshop 'Prevention and Remediation in Selected Industrial Sectors: Small Sites in Urban Areas', 4–7 June 2006, Athens, Greece, organised by the North Atlantic Treaty Organization Committee on the Challenges of Modern Society (NATO/CCMS). <http://clu-in.org/athens/default.cfm>.

OECD (Organisation for Economic Cooperation and Development), 2005. *Environmental management in Eastern Europe, Caucasus and Central Asia*. OECD, Paris, 2005.

- OECD (Organisation for Economic Cooperation and Development), 2007. *Policies for a Better Environment — Progress in Eastern Europe, Caucasus and Central Asia*.
- OECD EPRs. *Environmental performance reviews*. OECD, Paris. http://www.oecd.org/topic/0,2686,en_2649_34307_1_1_1_1_37465,00.html.
- Pavlov, A. V.; Skachov, Yu. B.; Kakunov, N. B., 2004. The correlation between perennial changes of soil seasonal thawing depth and meteorological factors. *Earth Cryosphere* 8, 3–11 (in Russian).
- REC (Regional Environmental Centre), 2006. *Environmental snapshots of South Eastern Europe*. The Regional Centre for Central and Eastern Europe, Szentendre, Hungary.
- RLNP (Research Laboratory of Nature Protection) (Tajikistan), 2002. Tajikistan 2002. *State of the Environment report*. Research Laboratory for Nature Protection. <http://enrin.grida.no/htmls/tadjik/soe2001/eng/>.
- SOER-RF, 2005. *State of the Environment Report*, Russian Federation, 2005. Ministry of Natural Resources.
- SOVEUR, 2000. *Soil degradation in Southern and Eastern Europe*. The assessment of the status of human-induced soil degradation. Vs. 1.0. Report 2000/5. FAO and ISRIC, 2000.
- TACIS, 1998a. *State of the Environment: Country overview — Ukraine*. EU Tacis programme — Ministry for Environmental Protection and Nuclear Safety of Ukraine, 1998.
- TACIS, 1998b. *State of the environment: Country Overview — Moldova*. EU Tacis Programme — Department of environmental protection, National Institute of Ecology of Moldova, 1998.
- Thornton, G.; Franz, M.; Edwards, D.; Pahlen, G.; Nathanail, P., 2006. *The challenge of sustainability: incentives for brownfield regeneration in Europe*. Paper by Thornton, G. et al. Paper published on-line at ScienceDirect.com, Elsevier, on 15 November 2006.
- UNDP (United Nations Development Programme), 1997. *State of the Environment report Azerbaijan*. United Nations Development Programme, Baku, 1997.
- UNECE EPRs. *Environmental performance reviews*. United Nations, New York and Geneva. <http://www.unece.org/env/epr/countriesreviewed.htm>.
- UNECE (United Nations Economic Commission for Europe), 2000. *Environmental Performance Reviews. Armenia*. United Nations, New York and Geneva, 2000.
- UNECE (United Nations Economic Commission for Europe), 2005. *Environmental Performance Reviews. Belarus*. United Nations, New York and Geneva, 2005.
- UNECE (United Nations Economic Commission for Europe), 2006. *Environmental Performance Reviews. Ukraine — Draft*. United Nations, New York and Geneva, August 2006.
- UNEP (United Nations Environment Programme), 2003. *Environment and security. Transforming risks into cooperation. The case of Central Asia and South Eastern Europe*. UNDP, UNEP, OSCE, 2003.
- UNEP (United Nations Environment Programme), 2005. *Environment and security. Transforming risks into cooperation. Central Asia/Ferghana/Osh/Khujand area*. UNDP, UNEP, OSCE, NATO, 2005.
- UNEP (United Nations Environment Programme), 2006. *Assessment reports on priority ecological issues in Central Asia. CA REAP Priority 'Land degradation'*. UNEP, Ashgabat, 2006.
- UNEP/GRID, 2006. *Vital Caspian graphics. Challenges beyond caviar*. UNEP/GRID-Arendal, 2006.
- World Bank, 2003. *Irrigation in Central Asia. Social, Economic and Environmental Considerations*. The World Bank, February 2003. <http://www.worldbank.org/eca/environment>.

Section 2.5 Hazardous chemicals

- Allanou, R.; Hansen, B. G.; van der Bilt, Y., 1999. *Public Availability of Data on EU High Production Volume Chemicals*. EUR 18996 EN. European Commission, Joint Research Centre, Institute for Health and Consumer Protection, European Chemicals Bureau, TP 280, Ispra (VA), 21020, Italy.
- AMAP (Arctic Monitoring and Assessment Programme), 2002. AMAP Assessment 2002: Human Health in the Arctic. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP (Arctic Monitoring and Assessment Programme), 2003. http://maps.grida.no/go/graphic/pcbs_in_the_blood_of_arctic_residents.
- AMAP and ACAP, 2005. Fact sheet. Brominated Flame retardants in the Arctic. Arctic Monitoring and Assessment Programme (AMAP) and Arctic council action plan to eliminate pollution of the Arctic (ACAP).
- Anastas, P.; Warner, J.. In *Green Chemistry: Theory and Practice* (Oxford University Press: New York, 1998) quoted from <http://www.epa.gov/greenchemistry/pubs/principles.html>.
- Andreozzi, R.; Marotta, R.; Nicklas, P., 2003. Pharmaceuticals in STP effluents and their solar photodegradation in aquatic environment. *Chemosphere* 50:1319–1330.
- Apoteket, A. B.; 2006. *Environment and Pharmaceuticals*. ISBN 91-85574-55-4.
- Arduini, R.; Cesaroni, F.; 2004. *Development and diffusion of environmental technologies. The role of the chemical industry*. In: R&D, innovation and competitiveness in the European chemical industry. Kluwer Academic Publishers.
- ASEF (Asia-Europe Foundation), 2006. The Jakarta 12 Asia-Europe Agendas for Sustainable Development. Summary of proceedings Asia-Europe Environment Forum Conference 1/3 of Our Planet. *What can Asia and Europe do for sustainable development?* Jakarta, Indonesia, 23–25 November 2005.
- Barbante, C.; Veyssere, A.; Ferrari, C.; van de Velde, K.; Morel, C.; Capodaglio, G.; Cescon, P.; Scarponi, G., and Boutron, C., 2001. Greenland snow evidence of large scale atmospheric contamination for platinum, palladium, and Rhodium. *Environ. Sci. Tech.* 35(5), 835–839.
- BauA (Federal Institute for Occupational Safety and Health), 2000. Bundesanstalt für Arbeitsschutz und Arbeitsmedizin. U. Stirba, U. Kowalski, U. Schlottmann. *National profile — chemicals management in Germany — Special Report S 60*. http://www.baua.de/english/info/s/s60_e.htm. August 2003.

- BfR (Federal Institute for Risk assessment), 2006. *Hohe Gehalte an perfluorierten organischen Tensiden (PFT) in Fischen sind gesundheitlich nicht unbedenklich*. Stellungnahme Nr. 035/2006 of 27 July 2006.
- Birnbaum, L. S.; Staskal, D. F.; 2004. Brominated Flame Retardants: Cause for Concern? *Environmental Health Perspectives* 112:9–17.
- Burko, I. C. and Kallenborn, R.; 2000. Sources and transport of persistent pollutants to the Arctic. *Toxicology Letters*, 112–113:87–92.
- BUWAL, 2004. Bundesamt für Umwelt, Wald und Landschaft. *Dioxin- und PAK-Emissionen der privaten Abfallverbrennung*. Umweltmaterialien Nr. 172 Luft.
- Caliebe, C.; Gerwinski, W.; Hühnerfuss, H.; Theobald, N.; 2004. Occurrence of perfluorinated organic acids in the water of the North Sea. *Organohalogen Compounds*; 66: 4074–4078.
- Canfield, R. L.; Henderson, C. R.; Cory-Slechta, D. A.; Cox, C.; Jusko, T. A. and Lanphear, B. P.; 2003. Intellectual impairment in children with blood lead levels below 10 µg per deciliter The Rochester cohort study. *The New England Journal of Medicine*. 348: 1517–1526.
- Cefic (European Chemical Industry Council), 2005. *Facts and Figures* (as of January 2005). <http://www.cefic.org>.
- Clarkson, T. W.; Magos, L.; Myers, G. J., 2003. The Toxicology of Mercury — Current Exposures and Clinical Manifestations. *New England Journal of Medicine*, 349: 1731–7.
- de Boer, J.; Wester, P. G.; Klamer, H. J. C.; Lewis, W. E.; Boon, J. P., 1988. Do flame retardants threaten ocean life?, *Nature* 394 (1998), pp. 28–29.
- BSH (Bundesamt fuer Seeschifffahrt und Hydrographie), 2007. <http://www.bsh.de/>.
- Dubai, 2006. <http://www.unep.org/gc/gcss-ix/>.
- ECB (European Chemicals Bureau), 2002. *European Union Risk Assessment Report Volume 24*. Acrylamide, CAS No 79-06-1, Eines no 201-173-7. European Commission, JRC.
- ECB (European Chemicals Bureau), 2003. European Union Risk Assessment Report. Final draft of July 2003. Cadmium metal. CAS-No 7440-43-9, EINECS No 231-152-8. European Commission, JRC.
- ECB (European Chemicals Bureau), 2006. Personal communication.
- EEA (European Environment Agency), 2002. *Late lessons from early warnings: the precautionary principle*, Environment issue report no 22.
- EEA (European Environment Agency), 2003. *Europe's environment: the third assessment*.
- EEA (European Environment Agency), 2007. *European Pollutant Emission Register (EPER) Review report 2004*. http://www.eper.ec.europa.eu/eper/documents/EPER_Review_2004_version16May2007.pdf.
- EMEP (European Monitoring and Evaluation Programme), 2003. EMEP Status Report 2/2003 *Heavy Metals: Transboundary Pollution of the Environment*. I. Ilyin, O. Travnikov, W. Aas, H. Uggerud, June 2003.
- EMEP (European Monitoring and Evaluation Programme), 2005. EMEP Status Report 2/2005. *Heavy metals: transboundary pollution of the environment. Meteorological synthesizing centre east (msc-e) and chemical co-ordinating centre (ccc)*.
- ENDS Europe, 2006. *ENDS Europe DAILY* 2203, 13/11/06. POPs treaty chemical watch list expanded.
- ENDS Europe, 2007. *ENDS Europe DAILY* 2315, 07/05/07. Deal on POPs treaty enforcement rules elusive.
- Environment Canada, 2004. *Mercury and the Environment, Environment and Health, Long-Range Atmospheric Transport*. <http://www.ec.gc.ca/MERCURY/EH/EN/eh-t.cfm?SELECT=EH>.
- Environment News Service, 21/02/2006. <http://www.ens-newswire.com/>.
- European Commission, 2001. *White Paper on the Strategy for a future Chemicals Policy*. COM(2001)88 final. http://ec.europa.eu/environment/chemicals/pdf/0188_en.pdf.
- European Commission, 2004. Information Note Subject: *Methyl mercury in fish and fishery products*. http://ec.europa.eu/food/food/chemicalsafety/contaminants/information_note_mercury-fish_12-05-04.pdf.
- European Commission, 2005. Communication from the Commission to the Council and the European Parliament. Community Strategy Concerning Mercury. COM(2005)20 final. Brussels, 28.01.2005. http://europa.eu.int/comm/environment/chemicals/mercury/pdf/com_2005_0020_en.pdf.
- European Commission, 2005a. *European Trend Chart on Innovation*. Hollanders, H. and Arundel, A. European Sector Innovation Scoreboards. <http://www.trendchart.org/scoreboards/scoreboard2005/pdf/EIS%202005%20European%20Sector%20Innovation%20Scoreboards.pdf>.
- European Commission, 2006. The Rapid Alert System for Food and Feed (RASFF). *Annual report 2005*. The Health and Consumer Protection Directorate-General of the European Commission, European Communities, 2006. http://ec.europa.eu/food/food/rapidalert/index_en.htm.
- European Commission, 2007. *Keeping European Consumers Safe*. 2006 Annual Report on the operation of the Rapid Alert System for non-food consumer products (RAPEX). The Health and Consumer Protection Directorate-General of the European Commission, European Communities, 2007.
- European Council, 1996. *European Council Directive 96/61/EC on Integrated Pollution Prevention and Control*, Official Journal L 257 of the European Communities, Luxembourg, 1996. http://eur-lex.europa.eu/smartapi/cgi/sga_doc?smartapi!celexplus!prod!DocNumber&lg=en&type_doc=Directive&an_doc=1996&nu_doc=61.
- European Parliament and European Council, 2003. *Directive 2003/105/EC of the European Parliament and of the Council of 16 December 2003 amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances*. Official Journal L 345, 31/12/2003 P. 0097–0105.

- European Parliament and European Council, 2006. *Directive 2006/122/EC of the European Parliament and the Council of 12 December 2006 amending for the 30th time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (perfluorooctane sulfonates)*.
- Eurostat (Statistical Office of the European Communities), 2005. *Panorama of the European Union: Measuring progress towards a more sustainable Europe, Theme 4: Public Health, sub-theme: Chemicals management, Production of toxic chemicals*, page 74ff. ISBN 92-894-9768-8. <http://epp.eurostat.ec.europa.eu> Section: Sustainable Development.
- Eurostat (Statistical Office of the European Communities), 2006. Production of toxic chemicals, by toxicity class, on-line. Eurostat website <http://epp.eurostat.ec.europa.eu> Section: Sustainable Development, SDI Database, Public Health. (http://epp.eurostat.ec.europa.eu/portal/page?_pageid=1996,39140985&_dad=portal&_schema=PORTAL&scene=detailref&language=en&product=sdi_ph&root=sdi_ph/sdi_ph/sdi_ph_che/sdi_ph1400).
- Eurostat (Statistical Office of the European Communities), 2006a. *Research, Development, Statistical and Analytical Work to Develop Appropriate Environmental Indicators Related to Chemicals*. http://forum.europa.eu.int/Public/irc/dsis/pip/library?l=/indicators_chemicals/phase-iii-2005-finalpdf/_EN_1.0_&a=d. Annex http://forum.europa.eu.int/Public/irc/dsis/pip/library?l=/indicators_chemicals/annex-phase-iii-finalpdf/_EN_1.0_&a=d.
- Falandysz, J.; Taniyasu, S.; Gulkowska, A.; Yamashita, N.; Schulte-Oehlmann, U., 2006. Is fish a major source of fluorinated surfactants and repellents in humans living on the Baltic Coast? *Environmental Science and Technology* 40: 748–751.
- Fewtrell, L. J.; Prüss-Ustün, A.; Landrigan, P.; Ayuso-Mateos, J. L., 2004. Estimating the global burden of disease of mild mental retardation and cardiovascular diseases from environmental lead exposure. *Environmental Research* 94:120–133.
- Green Chemistry Network, 2006. <http://www.chemsoc.org/networks/gcn/>.
- Greenpeace and WWF, 2005. *A present for life. Hazardous substances in umbilical cord blood*.
- HELCOM (Helsinki Commission), 2003. *Baltic Marine Environment 1999–2002*. Baltic Sea Environmental Proceedings No 87.
- ICCA (International Council of Chemical Associations), 2006. Web-based information on progresses. Status 27 October 2005. <http://www.cefic.org/activities/hse/mgt/hpv/progress.htm>.
- IHPA (International HCH and Pesticides Association), 2006. *The legacy of lindane HCH isomer production*. A global overview of residue management, formulation and disposal by John Vijgen. Main report and annexes. <http://www.iHPA.info/projects.php#4>.
- Inoue Koichi; Fumio Okada; Rie Ito; Shizue Kato; Seiko Sasaki; Sonomi Nakajima; Akiko Uno; Yasuaki Saijo; Fumihito Sata; Yoshihiro Yoshimura; Reiko Kishi; Hiroyuki Nakazawa, 2004. Perfluorooctane Sulfonate (PFOS) and related perfluorinated compounds in human maternal and cord blood samples: Assessment of PFOS exposure in a susceptible population during pregnancy. *Environmental Health Perspectives* 112:1204–1207.
- IOMC, 2006. *Participation in the implementation of the strategic approach to international chemicals management. Inter-Organization Programme for the Sound Management of Chemicals (IOMC)*. Joint statement (FAO, ILO, UNIDO, WHO, UNITAR, UNEP, UNDP, World Bank, OECD) at the ICCM Conference, Dubai, February 2006. (Strategic Approach to International Chemicals Management (SAICM)). International Conference on Chemicals Management, Dubai, 4–6 February 2006. http://www.chem.unep.ch/ICCM/meeting_docs/iccm1_7/7%20Report%20E.pdf.
- IPCS (International Programme on Chemical Safety), 2002. *Environmental Health Criteria* 226: Palladium.
- IVL (Swedish Environmental Research Institute), 2005. *Results from the Swedish National Screening Programme 2004*.
- IWW (Rheinisch-Westfälisches Institut für Wasserforschung), 2004. Abschlussbericht zum Forschungsvorhaben: *Untersuchungen zum Eintrag von Platingruppenelementen verschiedener Emittenten in Oberflächengewässer des Landes Nordrhein-Westfalen*. Im Auftrag des Ministeriums für Umwelt und Naturschutz, Landwirtschaft und Verbraucherschutz des Landes Nordrhein-Westfalen. AZ IV-9-042529. Universität Duisburg Essen und IWW Rheinisch-Westfälisches Institut für Wasserforschung gemeinnützige GmbH.
- Jemba, P. K.; Robertson, B. K., 2005. Antimicrobial Agents with Improved Clinical Efficacy versus Their Persistence in the Environment: Synthetic 4-Quinolone As an Example. *EcoHealth* 2, 171–182, DOI: 10.1007/s10393-005-6328-4.
- Jones, O. A.; Lester, J. N.; Voulvoulis, N., 2005. Pharmaceuticals: a threat to drinking water. *Trends in Biotechnology* 23, 163–167.
- Kallenborn, R., 2006. Persistent organic pollutants (POPs) as environmental risk factors in remote high-altitude ecosystems. *Ecotoxicology and Environmental Safety* 63: 100–107.
- Kallenborn, R.; DiGuardo, A., 2006. The Role of High Mountains in the Global Transport of Persistent Organic Pollutants. SETAC Europe Workshop, Milan, Italy, 1–3 July 2004. *Ecotoxicology and Environmental Safety* 63: 108–112.
- Kannan, K.; Corsolini, S.; Falandysz, J.; Fillmann, G.; Kumar, K. S.; Loganathan, B. G.; Mohd, M. A.; Olivero J.; Van Wouwe, N.; Ho Yang, J.; Kenneth, M.; Aldous, K.M., 2004. Perfluorooctanesulfonate and related fluorochemicals in human blood from several countries. *Environmental Science and Technology* 36: 3210–3216.
- Knudsen, L. B.; Gabrielsen, W. G.; Verrault, J.; Barrett, R.; Skaare, J. U.; Polder, A.; Lie, E.; 2005. *Temporal trends of brominated flame retardants, cyclododeca-1,5,9-triene and mercury in eggs of four seabird species from Northern Norway and Svalbard*. SPFO-Report: 942/2005.

- Knudsen, L. B.; Sagerup, K.; Polder, A.; Josefsen, T. D.; Skåre, J. U. and Gabrielsen, G.W., 2007. *Halogenated Organic Contaminants and mercury in dead or dying seabirds on Bjørnøya (Svalbard)*. Report no. 977/2007. Norwegian Pollution Control Authority (SFT), Oslo, Norway, 45 pp.
- Kohler, M.; Zennegg, M.; Hartmann, P. C.; Sturm, M.; Gujer, E.; Schmid, P.; Gerecke, A. C.; Heeb, N. V.; Kohler, H-P.; Giger, W., 2005. *The historical record of brominated flame retardants and other persistent organic pollutants in a Swiss lake sediment core*. SETAC 2005, TUP-02-36.
- LAI (Länderausschuss für Immissionsschutz), 2002. *Schutz vor verkehrsbedingten Immissionen. Beurteilung nicht reglementierter Abgaskomponenten — Palladium — Ergänzung zum Zwischenbericht des Unterausschusses 'Wirkungsfragen' des Länderausschusses für Immissionsschutz vom Oktober 1998*. May 2002.
- Lanphear, B. P.; Dietrich, K.; Auinger, P.; Cox, C., 2000. Cognitive deficits associated with blood lead concentrations <10µg/dL in US children and adolescents. *Public health Report* 115:521–9.
- LGL (Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit), 2006. http://www.lgl.bayern.de/gesundheits/umweltmedizin/projekt_pfc.htm.
- Malisch, R.; Moy, G., 2006. Fourth Round of WHO-coordinated exposure studies on levels of persistent organic pollutants in human milk. *Organohalogen Compounds*, 68: 1627–1630.
- Miljöklassificerade läkemedel, 2005. Stockholms läns landsting. *Environmentally classified drugs 2005*, Stockholm County Council.
- Moldovan, M.; Palacios, M. A.; Gómez, M. M.; Morrison, G.; Rauch, S.; McLeod, C.; Ma, R.; Caroli, S.; Alimonti, A.; Schramel, P.; Lustig, S.; Wass, U.; Pettersson, C.; Luna, M.; Saenz, J. C.; Santamaría, J., 2002. Environmental risk of particulate and soluble platinum group elements released from gasoline and diesel engine catalytic converters', *The Science of the Total Environment* 296: 199–208.
- Morf, Leo S.; Josef Tremp; Rolf Gloor; Yvonne Huber; Markus Stengele; Markus Zennegg, 2005. Brominated Flame Retardants in waste electrical and electronic equipment: Substance flows in a recycling plant. *Environmental Science and Technology* 39: 8691–8699.
- MSC-East (Meteorological Synthesizing Centre-East), 2007. <http://www.msceast.org/>.
- Nehring, S.; 2005. War-related hazardous sites in German coastal waters — recommendations for a successful implementation of the EC Water Framework Directive. Rostock. *Meeresbiolog. Beitr.* Heft 14: 109–123.
- Nord Stream, 2006. Project information document. *Offshore Pipeline through the Baltic Sea*.
- Nordic Council of Ministers, 2005. *Risks and management of dioxin-like compounds in Baltic Sea fish: An integrated assessment*.
- NORMAN (Network of reference laboratories for monitoring of emerging environmental pollutants), 2007. *Newsletter Issue 2*. NORMAN. <http://www.norman-network.net>.
- OECD (Organisation for Economic Cooperation and Development), 2005. *Results of survey on production and use of PFOS, PFAS and PFOA, related substances and products/mixtures containing these substances*. ENV/JM/MONO(2005)1.
- OECD (Organisation for Economic Cooperation and Development), 2006. *Preliminary list of PFOS, PFAS and PFOA and related compounds and chemicals that may degrade to PFCA*. ENV/JM/MONO(2006)15.
- Olsen, G. W.; Huang, H-Y.; Helzlsouer, K. J.; Hansen, K. J.; Butenhoff, J. L.; Mandel, J. H., 2005. Historical comparison of perfluorooctanesulfonate, perfluorooctanoate, and other fluorochemicals in human blood. *Environmental Health Perspectives* 113: 539–545.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2006. *Assessment and Monitoring Series*. Overview of OSPAR Assessments 1998–2006.
- Prevedouros, K.; Cousins, I. T.; Buck, R. C.; Korzeniowski, S. H.; 2006. Sources, fate and transport of perfluorocarboxylates. *Environmental Science and Technology* 40: 32–44.
- Ravindra, K.; Bencs, L.; van Grieken, R., 2004. Platinum group elements in the environment and their health risk. *The Science of the Total Environment* 318: 1–43.
- RCEP, 2003. *Chemicals in products — Safeguarding the environment and human health*. Twenty-fourth report of the Royal Commission on Environmental Pollution, June 2003. <http://www.rcep.org.uk>.
- RCEP, 2005. *Crop Spraying and the health of residents and bystanders*. Special report of the Royal Commission on Environmental Pollution, September 2005. <http://www.rcep.org.uk>.
- Republic of Armenia, 2005. *National Implementation Plan for the Stockholm Convention on Persistent Organic Pollutants*. Republic of Armenia, Yerevan, 2005. <http://www.pops.int/documents/implementation/nips/submissions/NIPArmenia.pdf>.
- Ruut, J.; Simanovska, J.; 2005. Baltic Environmental Forum (BEF). *Analysis of the existing chemicals management system in the Russian Federation. Project 'Awareness raising and capacity building on chemicals control in NW Russia' BACCON Rus 1*. Funded by Finnish Ministry of Environment, Swedish Environmental Protection Agency, Nordic Council of Ministers.
- Sachverständigenrat für Umweltfragen, 2007. *Arzneimittel in der Umwelt*, Stellungnahme No 12, April.
- Schoeters, G.; Koppen, G.; Den Hond, E.; Nelen, V.; Bruckers, L.; Bilau, M.; Keune, H.; Van Larebeke, N., 2006. *Biomarkers of exposure and effect in mother-child pairs in a large scale environmental health biomonitoring study in Flanders* (provided by the Belgium National Focal Point).
- So, M. K.; Yamashita, N.; Taniyasu, S.; Jiang, Q.; Giesy, J. P.; Chen, K.; Lam, P. K., 2006. Health risks in infants associated with exposure to perfluorinated compounds in human breast milk from Zhoushan, China. *Environmental Science and Technology* 40: 2924–9.
- Spiegel on-line, 22 August 2006, 16:15. WWF warnt vor 'tickenden Zeitbomben'.

- Sure, B.; Zimmermann, S.; Messerschmidt, J.; von Bohlen, A., 2002. Relevance and analysis of traffic related Platinum Group Metals (Pt, Pd, Rh) in the aquatic biosphere, with emphasis on Palladium. *Ecotoxicology* 11: 385–392.
- TemaNord, 2004. *Cost of Late Action — the Case of PCB*. Nordic Council of Ministers. TemaNord 2004:556.
- Theobald, N.; Gerwinski, W.; Caliebe, C.; Haarich, M., 2006. *UBA F&E-Vorhaben: Entwicklung und Validierung einer Methode zur Bestimmung von polyfluorierten organischen Substanzen im Meerwasser, Sedimenten und Biota; Untersuchungen zum Vorkommen dieser Schadstoffe in der Nord- und Ostsee*. Projekt Nr.: FKZ 202 22 213.
- UNCED (United Nations Conference on Environment and Development), Rio 1992. <http://www.un.org/geninfo/bp/enviro.html>.
- UNEP (United Nations Environment Programme), 2002. *Global Mercury Assessment*. <http://www.unep.org/GC/GC22/Document/UNEP-GC22-INF3.pdf>.
- UNEP (United Nations Environment Programme), 2003. United Nations Environment Programme: Chemicals. Proceedings: *UNEP Workshop to Develop a Global POPs Monitoring Programme to Support the Effectiveness Evaluation of the Stockholm Convention*. Geneva, Switzerland, 24–27 March 2003.
- UNEP (United Nations Environment Programme), 2005. *The Songhua River spill*, China, December 2005. Field mission report.
- UNEP (United Nations Environment Programme), 2006. Assessment reports on emergent ecological issues in Central Asia. Evaluation report, *Integrated management of chemicals in Central Asian countries*.
- UNEP (United Nations Environment Programme), 2006a. *Interim review of scientific information on cadmium — Version October 2006*.
- UNEP (United Nations Environment Programme), 2007. Decisions adopted by the Governing Council/Global Ministerial Environment Forum at its twenty-fourth session. http://www.unep.org/gc/gc24/docs/GC24_decisions.pdf.
- US EPA, 2006. PFOA Stewardship Programme. www.epa.gov/oppt/pfoa/pubs/pfoastewardship.htm.
- Van Leeuwen, F. X. R. and Maisch, R., 2002. Results of the third round of the WHO-coordinated exposure study on the levels of PCBs, PCDDs and PCDFs in human milk. *Organohalogen*, 56: 311–316.
- Vieth, B.; Rüdiger, T.; Ostermann, B.; Mielke, H., 2005. *Rückstände von Flammschutzmitteln in Frauenmilch aus Deutschland unter besonderer Berücksichtigung von polybromierten Diphenylethern (PBDE)*. Abschlussbericht UFOPLAN 20261218/2003. Aktionsprogramm Umwelt und Gesundheit.
- Watanabe, C.; Satoh, H., 1996. Evolution of our understanding of methylmercury as a health threat. *Environmental Health Perspectives* 104: 367–379.
- Wennmalm, Å.; Gunnarsson, B., 2005. Public health care management of water pollution with pharmaceuticals: environmental classification and analysis of pharmaceutical residues in sewage water. *Drug Information Journal* 39: 291–297.
- WHO (World Health Organization Regional Office for Europe), 2007. Children's health and the environment in Europe: a baseline assessment. June 2007. Copenhagen (in press).
- WHO (World Health Organization), 2000. *Air quality guidelines — Second Edition*. Chapter 6.11 Platinum.
- World Trade Organisation (WTO), 2006a. International trade statistics 2006.
- World Trade Organisation (WTO), 2006b. Statistics database. <http://stat.wto.org/>.

Chapter 3 Climate change

- ACIA (Arctic Climate Impact Assessment), 2004. *Impacts of a warming Arctic, 2004*. Cambridge University Press, Cambridge, the United Kingdom.
- Alcamo, J.; Dronin, N.; Endejan, M.; Golubev, G.; Kirilenko, A., 2003. *Will Climate Change Affect Food and Water Security in Russia?* Center for Environmental Systems Research, University of Kassel, Germany. 25 pp.
- Alcamo, J.; Dronin, N.; Endejan, M.; Golubev, G.; Kirilenko, A., 2007. A new assessment of climate change impacts on food production shortfalls and water availability in Russia. *Global Environmental Change*, in press.
- AWI (The Alfred Wegener Institute), 2006. Alfred Wegener Institute on Polar Research.
- Bakkenes, M.; Eickhout, B.; Alkemade, J. R. M., 2006. Impacts of different climate stabilisation scenarios on plant species in Europe. *Global Environmental Change*, 16, 19–28.
- Beniston, M., 2004. The 2003 heat wave in Europe: A shape of things to come? An analysis based on Swiss 48 climatological data and model simulations. *Geophys. Res. Lett.*, 31, L02202.
- Beniston, M., 2004. *Climatic Change and its Impacts — An overview focusing on Switzerland. Advances in global change research Vol. 19*. Kluwer Academic Publishers. Dordrecht, the Netherlands. 286 pp.
- Brohan, P.; Kennedy, J. J.; Haris, I.; Tett, S. F. B. and Jones, P. D., 2006. *Uncertainty estimates in regional and global observed temperature changes: a new dataset from 1850*. *J. Geophysical Research* 111, D12106, doi:10.1029/2005JD006548.
- Brooker, R. and Young, J. (eds.), 2005. *Climate change and biodiversity in Europe: A review of impacts, policy, gaps in knowledge and barriers to the exchange of information between scientists and policy makers*. Background paper for a meeting of the European Platform for biodiversity Research Strategy, Aviemore, October 2005. 31p. http://www.ceh.ac.uk/sections/ed/documents/Backgroundpaper_final.pdf.
- Church, J. A.; Gregory, J. M.; Huybrechts, P.; Kuhn, M.; Lambeck, K.; Nuan, M. T.; Qin, D.; and Woodworth, P. L., 2001. *Changes in Sea Level, in Climate Change 2001: The Scientific Basis*. Contribution of Working Group I to the Third Assessment Report of the Intergovernmental Panel on Climate Change (J. T. Houghton, et al. (eds.)). Cambridge University Press, pp. 639–693.
- Church, J. A.; White, N. J.; Coleman, K. Lambeck, K. and Mitrovica, J. X., 2004. Estimates of the regional distribution of sea-level rise over the 1950–2000 period. *Journal of Climatology* 17(13). 2609–2625.

- Clarke, R. and King, J., 2004. *The Atlas of Water*. Earthscan, the United Kingdom, 128 p.
- Cox, P. M.; Betts, R. A.; Collins, M.; Harris, P. P.; Huntingford, C. and Jones, C. D., 2004. Amazonian forest dieback under climate-carbon cycle projections for the 21st century. *Theoretical Applied Climatology*, 78, 137–156.
- CRU (Climatic Research Unit), 2006. <http://www.cru.uea.ac.uk/cru/info/warming/>.
- Danish Climate Centre, 2006. PRUDENCE Project 12km HIRHAM4.
- EEA (European Environment Agency), 2004. *Impacts of Europe's changing climate: An indicator-based assessment*. EEA Report No 2/2004. EEA, Copenhagen.
- EEA (European Environment Agency), 2005. *Greenhouse gas emission trends and projections in Europe 2005*. EEA Report No 8/2005. EEA, Copenhagen.
- EEA (European Environment Agency), 2005. *European environment outlook*. EEA Report No 4/2005. EEA, Copenhagen.
- EEA (European Environment Agency), 2005. *Vulnerability and adaptation to climate change in Europe*. EEA Technical report No 7/2005. 82 pp. EEA, Copenhagen.
- EEA (European Environment Agency), 2006. An assessment of adaptation frameworks and practices in Europe with a focus on the water sector, in prep.
- EEA (European Environment Agency), 2007. *Climate change and water adaptation issues*. EEA Technical report No 2/2007. EEA, Copenhagen.
- Energy Policy, 2006. *An economic assessment of the Kyoto Protocol application*. Dagoumas, A. S.; Papagiannis, G. K. and Dokopoulos, P. S.; *Energy Policy*, 34, 2006.
- European Commission, DG Joint Research Centre, 2003. Synthesis of the campaign 2002/2003 and start of the new 2003/2004 campaign. *MARS Bulletin*, 11, pp. 1–21.
- European Commission, 2005. *Report from the Commission, Progress towards achieving the Community's Kyoto target*. COM(2005)655. European Commission, Brussels.
- European Commission, 2005a. *Reducing the Climate Change Impact of Aviation*. COM(2005)459 final.
- European Commission, 2007. *Green Paper on Adapting to climate change in Europe — options for EU action*. 19 June 2007. <http://www.euractiv.com/en/energy>.
- European Parliament and European Council, 2006a. *Regulation (EC) No 842/2006 of the European Parliament and of the Council on certain fluorinated greenhouse gases*. Official Journal L161, 14.6.2006.
- European Parliament and European Council, 2006b. *Directive 2006/40/EC of the European Parliament and of the Council of 17 May 2006 relating to emissions from air-conditioning systems in motor vehicles*. Official Journal L161, 14.6.2006.
- Fedorov, A. and Konstantinov, P., 2003. *Observations of surface dynamics with thermokarst initiation*, Yukechi site, central Yakutia, in Proceedings of the VII International Permafrost Conference, Switzerland, 21–25 July 2003, pp. 239–243.
- Gavrilov, P. P. and Efremov, P. V., 2003. *Effects of cryogenic processes on Yakutia landscapes under climate warming*, in Proceedings of the VII International Permafrost Conference, Switzerland, 21–25 July 2003, pp. 277–282.
- Giannakopoulos, C.; Bindi, M.; Moriondo, M.; Tin, T., 2005. *Climate change impacts in the Mediterranean resulting from a 2 °C global temperature rise*. A report for WWF.
- Giorgi, F.; Bi, X.; Pal, J., 2004. Mean, interannual variability and trends in a regional climate change experiment over Europe. II: climate change scenarios (2071–2100). *Climate Dynamics*, 23, 839–858.
- Giorgi, F.; Bi, X.; Pal, J., 2004b. Mean, interannual variability and trends in a regional climate change experiment over Europe. I. Present-day climate (1961–1990). *Climate Dynamics*, 22, 733–756.
- GISS/NASA, 2006. <http://data.giss.nasa.gov/gistemp/2005/>.
- Golubev, G.; Dronin, N., 2004. *Geography of Droughts and Food Problems in Russia (1900–2000)*. Center for Environmental Systems Research, University of Kassel, Germany, 29 pp.
- Good, P.; Bärring, L.; Giannakopoulos, C.; Holt, T.; Palutikof, J., 2006. Non-linear regional relationships between climate extremes and annual mean temperatures in model projections for 1961–2099 over Europe, *Climate Research*, 31(1), 19–34.
- Gregory, J. M.; Church, J. A.; Boer, G. J.; Dixon, K. W.; Flato, G. M.; Jackett, D. R.; Lowe, J. A.; O'Farrell, S. P.; Roeckner, E.; Russell, G. L.; Stouffer, R. J. and Winton, M., 2001. Comparison of results from several AOGCMs for global and regional sea-level change 1900–2100. *Climate Dynamics*, 18, 3–4, pg(s). 225–240.
- Gregory, J. M.; Huybrechts, P. and Raper, S. C. B., 2004. Threatened loss of the Greenland ice-sheet. *Nature*, 428, 616.
- Hiederer, R., 2007. European Commission DG Joint Research Centre, Institute for Environment and Sustainability.
- Initial national communication of Turkmenistan, Phase 2, 2006.
- IPCC/TEAP, 2005. *IPCC special report: Safeguarding the ozone layer and the global climate system: Issues related to hydrofluorocarbons and perfluorocarbons*, 478 pp., ISBN 0-521-68206-1. Cambridge University Press, New York.
- IPCC, 2001. *Climate Change 2001: Impacts, adaptation and vulnerability*. IPCC WGII report, Cambridge University Press, Cambridge, United Kingdom.
- IWMI (International Water Management Institute), 2006. *Implications of Land and Water Degradation for Food Security*. International Water Management Institute, 28 p. <http://www.iwmi.cgiar.org/assessment/FILES/pdf/publications/other/LandandWaterDegradation.pdf>.
- Johansson, M. M.; Kahma, K. K.; Boman, H. & Launiainen, J., 2004. Scenarios for sea level on the Finnish coast. *Boreal Environment Research*, 9: 153–166.
- Klein Tank, A., 2004. *Changing Temperature and Precipitation Extremes in Europe's Climate of the 20th Century*. PhD, Utrecht University, Utrecht, 124 pp.

- Klein Tank, A.; Wijngaard, J.; Van Engelen, A., 2002. *Climate in Europe. Assessment of observed daily temperature and precipitation extremes*. European Climate Assessment, KNMI, De Bilt, Netherlands.
- Lehner, B.; Czisch, G.; Vassolo, S., 2005. The impact of global change on the hydropower potential of Europe: A model-based analysis. *Energy Policy*, 33, 839–855.
- Lewkowicz, A. G., 1992. *Factors influencing the distribution and initiation of active-layer detachment slides on Ellesmere Island, arctic Canada*, in Periglacial Geomorphology, Dixon, J. C. and Abrahams, A. D.; Wiley, Ed., New York, p. 223–250.
- Liesch, G.; Novotny, K. and Dietrich, R., 2002. *Untersuchung von Pegelreihen zur Bestimmung der Änderung des mittleren Meeresspiegels an den europäischen Küsten*, Technische Universität Dresden (TUD), Germany.
- Lowe, J. A.; Gregory, J. M., 2006. Understanding projections of sea level rise in a Hadley Centre coupled climate model. *J. Geophys. Res.*, in press
- Meier, H. E. M.; Broman, B. and Kjellström, E., 2004. Simulated sea level in past and future climates of the Baltic Sea. *Climate Research*, 27, 59–75.
- MNP (Netherlands Environmental Assessment Agency), 2005a. *Limits to warming. In search of targets for global climate change*. 35 pp. MNP, Bilthoven.
- MNP (Netherlands Environmental Assessment Agency), 2005b. *The effects of climate change in the Netherlands*. MNP report 773001037, 111 pp. www.mnp.nl.
- National communications to the UNFCCC. <http://unfccc.int>.
- Nicholls, R. J. and Klein, R. J. T., 2003. *Climate change and coastal management on Europe's Coast*. EVA Working Paper No 3.
- Oberman, N. G. and Mazhitova, G. G., 2001. Permafrost dynamics in the northeast of European Russia at the end of the 20th century, *Norwegian Journal of Geography*, 55, 241–244.
- OECD (Organisation for Economic Cooperation and Development), 2006. *The Developing CDM Market: May 2006 Update*. Ellis, J. and Karousakis, K., OECD, Paris.
- Palmer, T. N. and Räisänen, J., 2002. Quantifying the risk of extreme seasonal precipitation events in a changing climate. *Nature*, 415, 514–517.
- Palutikof, J. P. and Holt, T., 2004. Climate change and the occurrence of extremes: some implications for the Mediterranean Basin. Chapter 4 in A. Marquina (Ed.): *Environmental Challenges in the Mediterranean 2000–2050*, Kluwer Academic Publishers, 61–73.
- Pavlov, A. V., 1996. Permafrost-climate monitoring of Russia: analysis of field data and forecast, *Polar Geography*, 20(1), 44–64.
- Peterson, B. J.; Holmes, R. M.; McClelland, J. W.; Vörösmarty, C. J.; Lammers, R. B.; Shiklomanov, A. I.; Shiklomanov, I. A.; Rahmstorf, S., 2002. Increasing River Discharge to the Arctic Ocean. *Science*, 298, 2171–2173.
- Rachold, V.; Eicken, H.; Gordeev, V. V.; Grigoriev, M. N.; Hubberten, H. W. et al., 2003. *Modern terrigenous organic carbon input to the Arctic Ocean*, in: Stein, R. and Macdonald, R. W., Eds., *Organic Carbon Cycle in the Arctic Ocean: Present and Past*, Spinger Verlag, Berlin, p. 33–55.
- Räisänen, J.; Hansson, U.; Ullerstig, A.; Döscher, R.; Graham, L. P.; Jones, C.; Meier, H. E. M.; Samuelsson, P. and Willén, U., 2004. European climate in the late twenty-first century: Regional simulations with two driving global models and two forcing scenarios. *Climate Dynamics*, 22(1), 13–31.
- Randerson, J. T.; Field, C. B.; Fung, I. Y. and Tans, C. B., 1999. Increases in early season ecosystem uptake explain recent changes in the seasonal cycle of the atmospheric CO₂ at high northern latitudes, *Geophys. Res. Lett.*, 26, 2765–2768.
- Rapley, C., 2006. *The Antarctic Ice Sheet and sea-level rise*. In Schellnhuber, H. J.; Cramer, W.; Nakicenovic, N.; Wigley, T. M. L. & Yohe, G. (Eds.) *Avoiding Dangerous Climate Change*. Cambridge. Cambridge University Press, 25–28.
- Ruosteenoja, K.; Carter, T. R.; Jylhä, K. and Tuomenvirta, H., 2003. *Future climate in world regions: an intercomparison of model-based projections for the new IPCC emissions scenarios*, The Finnish Environment 644, Finnish Environment Institute, 83 p.
- Russian third national communication (NC3), 2002. <http://unfccc.int/resource/docs/natc/rusncr3.pdf>.
- Russian fourth national communication (NC4), 2006. http://unfccc.int/resource/docs/natc/rusnc4_rev.pdf.
- Santos, F. D.; Forbes, K.; Moita, R., 2001. *Climate Change in Portugal. Scenarios, impacts and adaptation measures*. SIAM, Lisboa, pp. 26.
- Schröter, D.; Cramer, W.; Leemans, R.; Prentice, I. C.; Araujo, M. B.; Arnell, N. W.; Bondeau, A.; Bugmann, H.; Carter, T. R.; Gracia, C. A.; Vega-Leinert, A.CdI, Erhard, M.; Ewert, F.; Glendining, M.; House, J. I.; Kankaanpää, S.; Klein, R. J. T.; Lavorel, S.; Lindner, M.; Metzger, M. J.; Meyer, J.; Mitchell, T. D.; Reginster, I.; Rounsevell, M.; Sabaté, S.; Sitch, S.; Smith, B.; Smith, J.; Smith, P.; Sykes, M. T.; Thonicke, K.; Thuiller, W.; Tuck, G.; Zaehle, S.; Zierl, B., 2005. Ecosystem Service Supply and Vulnerability to Global Change in Europe. *Science*, 310, 1333–1337.
- Shoigu, S. K., 2003. *Global Climate Changes and Emergencies in Russia*, World Climate Change Conference, Abstracts, Moscow.
- Stott, P. A.; Stone, D. A.; Allen, M. R., 2004. *Human contribution to the European heatwave of 2003*. 432, 610–614.
- Tajikistan first national communication (NC1), 2002.
- The Republic of Belarus' National Report on Demonstrable progress in the implementation of the Kyoto Protocol, 2006.
- Thomas, R.; Rignot, E.; Casassa, G.; Kanagaratman, P.; Acuña, C.; Atkins, T.; Brecher, H.; Frederick, E.; Gogineni, P.; Krabill, W.; Manizade, S.; Ramamoorthy, H.; Rivera, A.; Russell, R.; Sonntag, J.; Swift, R.; Yungel, J. and Zwally, J., 2004. Accelerated sea-level rise from West Antarctica. *Science*, 306, 255–258.

Turkish first national communication (NC1), 2007.

Ukraine's report on demonstrable progress under the Kyoto Protocol, 2006.

UNFCCC (United Nations Framework Convention on Climate Change). <http://unfccc.int>.

Vorobyov, Yu., 2004. Climate Change and disasters in Russia, In Proceedings of the World climate change conference, Moscow, 29 September–October 2003, pp. 293–298.

Walsh, J.; Anisimov, O.; Hagen, J. O. M.; Jakobsson, T.; Oerlemans, J. *et al.*, 2005. *Chapter 6, Cryosphere and Hydrology, in Arctic Climate Impact Assessment*, Cambridge University Press, pp. 183–242.

White, N. J.; Church, J. A. and Gregory, J. M., 2005. Coastal and global averaged sea-level rise for 1950 to 2000. *Geophys. Res. Lett.*, 32(1), L01601, doi:10.1029/2004GL021391.

WMO (World Meteorological Organisation), 2003. Scientific Assessment of Ozone Depletion: 2002, Global Ozone Research and Monitoring Project — Report no. 47, ISBN 92-807-2261-1. Geneva, Switzerland.

WMO (World Meteorological Organisation), 2005. *WMO statement on the status of the global climate in 2005*. WMO No 998. WMO, Geneva, Switzerland.

WMO (World Meteorological Organisation), 2007. Scientific Assessment of Ozone Depletion: 2006, Global Ozone Research and Monitoring Project, Geneva, Switzerland (in preparation).

Woodroffe, C. D.; Nicholls, R. J.; Saito, Y.; Chen, Z. and Goodbred, S. L., 2005. *Landscape variability and the response of Asian megadeltas to environmental change*. In Harvey, N. (Ed.) *Global Change and Integrated Coastal Management: The Asia-Pacific Region*. New York, Springer Verlag.

WRI (World Research Institute), 2005. *Climate Science 2005. Major new discoveries*. Levin, K. and Pershing, J., WRI Issue Brief, World Resources Institute, Washington.

Zemp, M., 2006. World Glacier Monitoring Service; Zuerich (not published yet).

Zhang, T.; Frauenfeld, O. W.; Serreze, M. C.; Etringer, A.; Oelke, C. *et al.*, 2005. *Spatial and temporal variability in active layer thickness over the Russian Arctic drainage basin*, *J. Geophys. Res.*, 110, D16101, doi:10.1029/2004JD005642.

Zhang, X.; Harvey, K. D.; Hogg, W. D. and Yuzyk, T. R., 2001. Trends in Canadian Streamflow, *Water Resources Research*, 37(4), 987–998.

Zimov, S. A.; Schuur, E. A. G.; Chapin, F. S. III, 2006. Permafrost and the Global Carbon Budget, *Science*, 312, pp. 1612–1613

Chapter 4 Nature and biodiversity

ACIA (Arctic Climate Impact Assessment), 2004. *Impacts of a warming arctic*. ACIA. Cambridge University Press, 146 pp.

Andersen, E.; Baldock, D.; Bennett, H.; Beaufoy, G.; Bignal, E.; Brouwer, F.; Elbersen, B.;

Eiden, G.; Godeschalk, F.; Jones, G.; McCracken, D.; Nieuwenhuizen, W.; van Eupen, M.; Hennekens, S. and Zervas, G., 2003. *Developing a High Nature Value Farming area indicator*. Report to the European Environment Agency, Copenhagen.

Anderson, S., 2002. *Identifying Important Plant Areas*. Plantlife International.

Anderson, S.; Kučsík, T. and Radford, E. (Eds), 2005. *Important Plant Areas in Central and Eastern Europe*. Plantlife International.

Atlas of Russia's Intact Forest Landscapes. <http://www.forest.ru/eng/publications/intact/2.html>.

Azerbaijan National Academy of Sciences, 2004. *Country Study on Biodiversity of the Republic of Azerbaijan*.

Bakkenes, M.; Eickhout, B.; Alkemade, J. R. M., 2006. Impacts of different climate stabilisation scenarios on plant species in Europe. *Global Environmental Change*, 16, 19–28.

Baldock, D.; Beaufoy, G. and Clark, J., 1995. *The Nature of Farming. Low intensity Farming Systems in Nine European Countries*. Report IEEP/ WWF/JNRC. London/Gland/ Peterborough.

Bennett, G., 2002. *Guidelines on the application of existing international instruments in developing the Pan-European Ecological Network*. Nature and Environment No 124. Council of Europe. Strasbourg.

Bennett, G., 2004. *Integrating Biodiversity Conservation and Sustainable Use: Lessons Learned from Ecological Networks*. IUCN Gland. Switzerland and Cambridge, United Kingdom.

Bioversity International; *The Origins of Agriculture and Crop Domestication*. <http://www.ipgri.cgiar.org/Publications/HTMLPublications/47/ch06.htm>.

BirdLife International, 2004. *Birds in Europe: population estimates, trends and conservation status*. Cambridge, the United Kingdom: BirdLife International (BirdLife Conservation Series No 12).

Bíró, E.; Bouwma, I. and Grobelnik, V. (Eds), 2006. *Indicative map of the Pan-European Ecological Network in South-Eastern Europe*. Technical background document. Tilburg, ECNC–European Centre for Nature Conservation. ECNC technical report series.

Blondel, J. and Aronson, J., 1999. *Biology and wildlife of the Mediterranean Region*. Oxford University Press.

Bonnin, M., 2004. *Les aspects juridiques des corridors biologiques, vers un troisième temps de la conservation de la nature*. Thèse de doctorat. Université de Nantes, 586 pages.

Both, C.; Artemyev, A. V.; Blaauw, B.; Cowie, R. J.; Dekhuijzen, A. J. *et al.*, 2004. *Large-scale geographical variation confirms that climate change causes birds to lay earlier*. *Proc. R. Soc. London Ser. B* 271:1657–62.

- Bouriaud, L.; Niskanen, A., 2003. *Illegal logging in the context of the sound use of wood. Seminar on Strategies for the Sound Use of Wood*. Poiana Brasov. Romania. 24–27 March 2003. <http://www.unece.org/trade/timber/docs/sem-1/papers/r30Niskanen.pdf>.
- Bouriaud, L., 2005. Causes of illegal logging in Central and Eastern European region. Small-scale Forest. *Economics, Management and Policy*, 4(3): 269–292.
- Bouwma, I.; Jongman, R. H. G. and Butovsky, R. O. (eds), (2002). *The Indicative map of the Pan-European Ecological Network for Central and Eastern Europe – Technical background document* (ECNC technical report series). ECNC, Tilburg, Netherlands/Budapest, Hungary.
- Brooker, R. and Young, J. (eds.), 2005. Climate change and biodiversity in Europe: a review of impacts, policy, gaps in knowledge and barriers to the exchange of information between scientists and policy makers. Background paper for a meeting of the European. Platform for biodiversity Research Strategy. Aviemore, October 2005.
- Brooks, T. M.; Mittermeier, R. A.; da Fonseca, G. A. B.; Gerlach, J.; Hoffmann, M.; Lamoreux, J. F.; Mittermeier, C. G.; Pilgrim, J. D.; Rodrigues, A. S. L. 2006. Global Biodiversity Conservation Priorities. *Science* 313 (5783):58–61.
- Brunner, R., 2002. *Identification of the most important transboundary protected areas in Central and Eastern Europe*. Nature and Environment n° 128. Council of Europe, Strasbourg.
- Butchart, S. H. M.; Stattersfield, A. J.; Bennun, L. A.; Shutes, S. M.; Akçakaya, H. R.; Baillie, J. E. M.; Stuart, S. N.; Hilton-Taylor, C. and Mace, G. M., 2004. Measuring global trends in the status of biodiversity: Red List Indices for birds. *Public Lib. Sci. Biol.* 2: 2294–2304.
- Butchart, S. H. M.; Stattersfield, A. J.; Bennun, L. A.; Akçakaya, H. R.; Baillie, J. E. M.; Stuart, S. N.; Hilton-Taylor, C. and Mace, G. M., 2005. Using Red List Indices to measure progress towards the 2010 target and beyond. *Phil. Trans. Roy. Soc.* 1454: 255–26.
- CAREC (Regional Environmental Centre for Central Asia), 2005. *Thematic Study on Non Wood Forest Products in Central Asia and Caucasus*. Programme of the Ecosystem Management of CAREC. Supported by the FAO Forestry Department in conducting the Forestry Outlook Study for West and Central Asia. Almaty, Kazakhstan.
- CBD (Convention on Biological Diversity), 1999. First national report of Turkey.
- CBD (Convention on Biological Diversity), 2002a. Decision VI/19 on Communication, education and public awareness. CBD COP 6.
- CBD (Convention on Biological Diversity), 2002b. *Guiding Principles for the Prevention, Introduction and Mitigation of Impacts of Alien Species that Threaten Ecosystems, Habitats and Species*. *Convention on Biological Diversity*. COP 6. Decision VI/23.
- CBD (Convention on Biological Diversity), 2006. *Third national biodiversity reports to the Convention*. *European Habitats Forum 2006: Towards European Biodiversity Monitoring. Assessment, monitoring and reporting of conservation status of European habitats and species*. Wien, Cambridge, Bruxelles. 80 pp.
- CBD (Convention on Biological Diversity), 2007. *Invasive alien species*. Convention on Biological Diversity. <http://www.biodiv.org/programmes/cross-cutting/alien/default.shtml>.
- CDDA (Common Database on Designated Areas), 2006. Central Database of Designated Areas. European Topic Centre on Biological Diversity, Paris.
- CEPF (Critical Ecosystem Partnership Fund), 2003/2004. Caucasus Biodiversity Hotspot. Ecosystem Profile. Critical Ecosystem Partnership Fund CEPF. <http://www.countdown2010.net/caucasus/Caucasus%20Ecosystem%20Profile.pdf>.
- Chemonics International Inc. 2000. Biodiversity Assessment for Turkmenistan. Task Order under the Biodiversity and Sustainable Forestry IQC (BIOFOR). Submitted to USAID Washington E and E Bureau, Environment and Natural Resource Division, Washington DC (unpublished report).
- Churkina, G.; Schimel, D.; Braswell, B. and Ziao X., 2005. Spatial analysis of growing season length control over net ecosystem exchange, *Global Change Biology*, 11: 1777–1787.
- Ciais, P.; Reichstein, M.; Viovy, N. *et al.*, 2005. Europe-wide reduction in primary productivity caused by the heat and drought in 2003. *Nature* 437 (7058): 529–533.
- CITES Secretariat, 2006. *Interpretation and implementation of the Convention Species trade and conservation issues: Saiga Antelope*. Report to the Fifty-fourth meeting of the Standing Committee, Geneva, Switzerland. 2–6 October 2006.
- CMS Secretariat, 2006. *Report from the first meeting of the signatories to the Memorandum of Understanding concerning conservation, restoration and sustainable use of the Saiga Antelope (Saiga tatarica tatarica)*. Almaty, Kazakhstan. 25–26 September 2006.
- Consell Insular de Menorca, 2001. LIFE project LIFE2000NAT/E/7355. http://www.cime.es/lifeflora/sp/proyectolife.asp?seccion_noticias=122.
- Convention on the Conservation of European Wildlife and Natural Habitats. Standing Committee. Recommendation No 77 (1999) on the eradication of non-native terrestrial vertebrates.
- Council of Europe, 1999. *The Emerald Network – a network of Areas of Special Conservation Interest for Europe*. Document T-PVS (99) 36.
- Council of Europe, 2000. *General guidelines for the development of the Pan-European Ecological Network*. Nature and Environment series No 107, Council of Europe, Strasbourg.
- Council of Europe, 2003. European Strategy on Invasive Alien Species. Convention on the Conservation of European Wildlife and Natural Habitats. Standing Committee 23rd Meeting. Strasbourg, 1–3 December 2003.
- Council of Europe, 2003a. 3rd International Symposium of the Pan-European Ecological Network – Fragmentation of habitats and ecological corridors – Proceedings. Riga. October 2002. Environmental Encounters No 54. Council of Europe. Strasbourg.

- Council of Europe, 2003b. *Code of practices for the introduction of biological and landscape diversity considerations into the transport sector*. Nature and environment No 131. Council of Europe. Strasbourg.
- Council of Europe, 2004. *Follow-up of the implementation of the European Strategy on Invasive Alien Species*. Document prepared by Bernardo Zilletti and Laura Capdevila-Argüelles. Convention on the Conservation of European Wildlife and Natural Habitats. Standing Committee 24rd Meeting. Strasbourg, 29 November–3 December 2004.
- Council of Europe/UNEP, 2006. *Global initiative on communication, education and public awareness*. Report to the Council for the Pan-European Biological and Landscape Diversity Strategy presented during the Fourth Intergovernmental Biodiversity in Europe Conference in Croatia. 22–24 February 2006. STRA CO (2006) 7. <http://www.biodiv.org/Reports/list.aspx?type=nr-03>.
- Davis, S.; Heywood, V. H. and Hamilton, A. C. (eds), 1994–1997. *Centres of Plant Diversity* (three vols). World Wide Fund for Nature and International Union for Conservation of Nature and Natural Resources, Gland, Switzerland, 1994–1997.
- Delbaere, B., 2006. *Report on a Training workshop on 'Biodiversity indicators and monitoring for the EECCA region*. A contribution to SEBI 2010 — Streamlining European 2010 Biodiversity Indicators', held in Kiev on 20–21 April 2006. ECNC, Tilburg, Netherlands.
- Dexel, B., 2002. *The Illegal Trade in Snow Leopards A Global Perspective*. German Society for Nature Conservation (NABU).
- Dimitrakopoulos, A. P. and Mitsopoulos, I. D., 2006. *Global Forest Resources Assessment 2005 — Report on fires in the Mediterranean Region*. Fire Management Working Papers. FAO Forestry Department, Rome, Italy.
- Donald P. F.; Green, R. E. and Heath, M. F., 2001. *Agricultural intensification and the collapse of Europe's farmland bird populations*. Proc. R. Soc. Lond., 268, 25–29.
- Dullinger, S.; Dirnbock, T.; Grabherr, G., 2004. Modelling climate change-driven treeline shifts: relative effects of temperature increase, dispersal and invasibility. *Journal of Ecology*, 92, 241–252.
- EBCC (European Bird Census Council), 2005. *A biodiversity indicator for Europe: Wild Bird indicator update*. European Bird Census Council, Royal Society for the Protection of Birds, Birdlife International and Statistics Netherlands. On-line publication.
- EEA (European Environment Agency), 2004a. *Agriculture and the environment in the EU accession countries. Implications of applying the EU common agricultural policy*. Environmental issue report No 37. EEA, Copenhagen.
- EEA (European Environment Agency), 2004b. *High nature value farmland. Characteristics, trends and policy challenges*. EEA Report No 1/2004. EEA, Copenhagen.
- EEA (European Environment Agency), 2005. *The European environment — State and outlook 2005*. EEA, Copenhagen.
- EEA (European Environment Agency), 2006a. *Integration of environment into EU agriculture policy — the IRENA indicator-based assessment report*. EEA Report No 2/2006. EEA, Copenhagen.
- EEA (European Environment Agency), 2006b. *The changing faces of Europe's coastal areas*. EEA Report No 6/2006. EEA, Copenhagen.
- EEA (European Environment Agency), 2006c. *Urban sprawl in Europe — The ignored challenge*. EEA Report No 10/2006. EEA, Copenhagen.
- EEA (European Environment Agency) (in prep.). Technical report on a first set of biodiversity indicators to monitor the progress towards the 2010 target. EEA, Copenhagen.
- EEA/SEBI 2010, 2006. *List of worst invasive species threatening biodiversity in Europe — 2006 including species fact sheets*. http://biodiversity-chm.eea.europa.eu/information/indicator/F1090245995/F1115192484/fol364644/List_of_Worst_IAS_2006-06-16.doc.
- EEA/SEBI 2010, 2007. *Cumulative number of alien species in Europe since 1900*. <http://biodiversity-chm.eea.europa.eu/information/indicator/F1090245995/F1115192484/fol364644>.
- Ellis, N. E. and Good, J. E. G., 2005. *Climate change and the effects on Scottish and Welsh montane ecosystems: a conservation perspective*. In: D. B. A. Thompson, M. F. Price and C. A. Galbraith, 2005. *Mountains of northern Europe: Conservation, Management, People and Nature*. Scottish Natural Heritage/Centre for Mountain Studies, Edinburgh.
- European Commission, 1996–2006. *Natura 2000 — European Commission DG Env. Nature newsletter*. Publication Office. Luxembourg.
- European Commission, 2003. *Communication from the Commission to the Council and the European Parliament. Forest Law Enforcement, Governance and Trade. (Flegt) — COM(2003)251 final. Illegal logging takes place when timber is harvested in violation of national laws*.
- European Commission, 2004a. *Forest fires in Europe — 2003 fire campaign*. DG Joint Research Centre and DG Environment. European Communities, Italy.
- European Commission, 2004b. *LIFE Focus/Alien species and nature conservation in the EU. The role of the LIFE programme*. <http://ec.europa.eu/environment/life/infoproducts/publicationsgeneral.htm>.
- European Commission, 2004c. *Message from Malahide. Halting the decline of biodiversity. Priority objectives and targets for 2010*. Stakeholders' Conference Biodiversity and the EU — Sustaining Life, Sustaining Livelihoods. Malahide. Ireland. 25–27 May 2004.
- European Commission, 2005. *Natura 2000. Europe's nature for you*. Office for Official Publications of the European Communities. Luxembourg.
- European Commission, 2006. *Halting the Loss of Biodiversity by 2010 and Beyond — Sustaining Ecosystem Services for Human Well-Being*. COM(2006)216 final. Brussels.
- European Habitats Forum, 2006. *Towards European Biodiversity Monitoring. Assessment, monitoring and reporting of conservation status of European habitats and species*. European Habitats Forum, Wien, Cambridge, Brussels, 80 p.
- FAO (Food and Agriculture Organisation), 1995. *Code of Conduct for Responsible Fisheries*. Food and Agriculture Organization of the United Nations.

- FAO/ECE/ILO, 2003. The Current Fire Situation in the Russian Federation: Implications for Enhancing International and Regional Cooperation in the UN Framework and the Global Programs on Fire Monitoring and Assessment. *International Forest Fire News* No 29, July–December 2003, 89–111. FAO/ECE/ILO and Global Fire Monitoring Center. United Nations, New York and Geneva.
- FAO/ECE/ILO, 2004. Long-term environmental impact of catastrophic forest fires in Russia's Far East and their contribution to global processes. *International Forest Fire News* No 32, July–December 2004, 43–49. FAO/ECE/ILO and Global Fire Monitoring Center. United Nations, New York and Geneva.
- FAOSTAT (Food and Agriculture Organisation's Statistical Database), 2001. FAO Statistical Databases. FAO Rome.
- FAOSTAT (Food and Agriculture Organisation's Statistical Database), 2003. FAO Statistical Databases. FAO Rome.
- GEF/UNEP/WWF, 2006. Development of the Econet for long-term conservation of biodiversity in the Central Asia Ecoregions. http://www.wwf.ru/about/where_we_work/asia/projects/econet/eng/.
- Goldammer, J. G., 2003. *Towards international cooperation in managing forest fire disasters in the Mediterranean region*. In: Security and the environment in the Mediterranean. Conceptualising security and environmental conflicts, Chapter 50 (H. G. Brauch, P. H. Liotta, A. Marquina, P. F. Rogers, and M. El-Sayed Selim, eds.), 907–915. Springer Verlag, Heidelberg, 1 134 p.
- Goldammer, J. G., 2006. Global Forest Resources Assessment 2005 — Report on fires in the Central Asian Region and adjacent countries. Fire Management Working Papers. FAO Forestry Department, Rome, Italy.
- Grabherr, G.; Gottfried, M.; Pauli, H., 2002. Okologische Effekte an den Grenzen des Lebens. *Spektrum der Wissenschaft*, 1, 84–89.
- Grace, J.; Berninger, F.; Nagy, L., 2002. Impacts of climate change on the tree line. *Annals of Botany*, 90, 153–177.
- GRID Tbilisi, 2002. *Caucasian environmental outlook CEO Critical Ecosystem Partnership Fund (CEPF)*, 2003. Caucasus Biodiversity Hotspot.
- Gunes, Y. and Elvan, O., 2005. Illegal Logging Activities in Turkey. *Environmental Management*, Vol. 36 (2), pp. 220–229.
- Heath, M. F. and Evans, M. I. (eds), 2000. *Important Bird Areas in Europe*. Birdlife Conservation Series No 8. Birdlife International. Cambridge.
- Heath, M. H.; Evans M. I.; Hoccom, D. G.; Payne, A. J. and Peet, N. B., 2000. *Important Bird Areas of Europe: Priority Sites for Conservation*, 2 Volume Set. Birdlife International.
- Hoogeveen, Y. R.; Petersen, J. E. and Gabrielsen, P. 2001. *Agriculture and biodiversity in Europe*. Background report to the High-Level European Conference on Agriculture and Biodiversity, 5–7 June, Paris. STRA-CO/AGRI (2001) 17. Council of Europe/UNEP.
- IAEA (International Atomic Energy Agency), 2006. Chernobyl's Legacy: Health, Environmental and Socio-Economic Impacts. <http://www.iaea.org/Publications/Booklets/Chernobyl/chernobyl.pdf>.
- IFOAM (International Federation of Organic Agriculture Movements), 2006. *The World of Organic Agriculture 2006, Statistics and Emerging Trends*. IFOAM Publication, 8th revised edition, February 2006. ISBN 3-934055-61-3. International Federation of Organic Agriculture Movements. Bonn, Germany.
- Illegal logging Info, 2006. Disappearing forests: Illegal trade in lumber at root of Armenia's tree loss. Illegal Logging Info, 28/04/2006. Maintained by the Energy, Environment and Development Programme of Chatham House. London, United Kingdom. <http://www.illegal-logging.info/news.php?newsId=1407>.
- Inter-agency Commission of the Russian Federation on Climate Change, 2002. Third National Communication to UNFCCC.
- Ioffe G. and Nefedova, T., 2004. *Marginal Farmland in European Russia*. Eurasian Geography and economics, 2004, 45. Bellwether Publishing, Ltd. Columbia.
- IPCC (Intergovernmental Panel on Climate Change), 2001. *Climate change. Third Assessment Synthesis Report*. Cambridge University Press.
- IUCN (International Union for Nature Conservation), 2001. *IUCN Red List Categories and Criteria: Version 3.1*. IUCN Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, the United Kingdom.
- IUCN (International Union for Nature Conservation), 2006a. *IUCN 2006 Red List of threatened species*. IUCN Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, the United Kingdom.
- IUCN (International Union for Nature Conservation), 2006b. *Status Review of the Biodiversity Conservation in the Caucasus: Achieving 2010 Goals*. Georgia.
- IUCN (International Union for Nature Conservation), 2006c. Creating an ecological network — The European Green Belt. <http://europeangreenbelt.org/indoor.html>.
- IUCN and CCI RF, 2005. Round table on illegal logging, held in Moscow, Russian Federation, 31 October 2005. Organised by the Chamber of Commerce and Industry of the Russian Federation (CCI RF) and IUCN — The World Conservation Union as part of the Ministerial Process of Forest Law Enforcement and Governance in Europe and Northern Asia (ENA-FLEG). <http://www.iucn.ru/eng/index.php?option=content&task=view&id=139&Itemid=2>.
- Kuijken, E., 2003. *The restoration of sites and ecological corridors in the framework of building up the Pan-European Ecological Network, with examples of best practices from European countries*. Nature and Environment No 135. Council of Europe. Strasbourg.
- McInnes, G., 2005. *The SEBI 2010 project, progress report to the EU Biodiversity Expert Group*, 15 November 2005. Brussels.
- McInnes, G., 2006a. *Biodiversity Indicators by focal area*. Fourth Intergovernmental Biodiversity in Europe Conference. Lake Plitvice National Park. Croatia.
- McInnes, G., 2006b. Monitoring the 2010 Target (SEBI 2010) — The European contribution to CBD implementation. Side Event to the 8th CBD COP. 21 March 2006. Curitiba.

- Médail, F. and Quézel, P., 1997. *Hot spots analysis for conservation of plant biodiversity in the Mediterranean basin*. Ann. Missouri Bot. Gard., 84: 112–127.
- Menzel, A.; Sparks, T. H.; Estrella, N.; Koch, E.; Aasa, A.; Ahas, R.; Alm-Kubler, K.; Bissolli, P.; Braslavská, O. G.; Briede, A.; Chmielewski, F. M.; Crepinsek, Z.; Curnel, Y.; Dahl, A.; Defila, C.; Donnelly, A.; Filella, Y.; Jactzak, K.; Mage, F.; Mestre, A.; Nordli, O.; Penuelas, J.; Pirinen, P.; Remisova, V.; Scheffinger, H.; Striz, M.; Susnik, A.; Van Vliet, A. J. H.; Wielgolaski, F.-E.; Zach, S.; Zust, A., 2006. European phenological response to climate change matches the warming pattern. *Global Change Biology* 12, 1969–1976.
- Millennium Ecosystem Assessment, 2005. *Ecosystems and Human Well-being: Biodiversity Synthesis*. World Resources Institute, Washington, DC.
- Ministry of Environment and Physical Planning of the Republic of Macedonia, 2003. *Country Study for Biodiversity of the Republic of Macedonia* (First National Report).
- Ministry of Environment and Water Management of Romania, 2005. Third National Report to CBD.
- Ministry of Natural Resources of Russian Federation, 2006. *National Report 'On the State and protection of the Environment in the Russian Federation in 2005'*. Moscow: ANPO 'Centre of International Projects' — 500 pp.
- Ministry of Environment and Water of Bulgaria, 2001. *National Strategy for the Environment and Action Plan 2000–2006*.
- Ministry of Environmental Protection and Physical Planning of Croatia, 2000. *An Overview of the State of Biological and Landscape Diversity of Croatia with the Protection Strategy and Action Plans*.
- Ministry of Natural Resources and the Protection of the Environment of the Republic of Belarus, 2006. *Reference and Statistical Materials on the State of the Environment and Conservation Activities in the Republic of Belarus* (by 1 January 2006). Minsk: Belarus Scientific and Informational Centre 'Ecology', 56 pp.
- Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, 1998. First National Report to CBD.
- Ministry of Natural Resources of Russian Federation, 2002. *The environmental situation in Nikel*. Press review. http://doksenter.svanhovd.no/faktaark/2002/faktaark_miljo_nikel_eng.pdf.
- Ministry of Nature Protection of the Republic of Armenia, 1998. First national communication of the Republic of Armenia under the UNFCCC. <http://unfccc.int/resource/docs/natc/armnc1e.pdf>.
- Mittermeier, R. A.; Gil, P. R.; Hoffman, M.; Pilgrim, J.; Brooks, T.; Goetsch Mittermeier, C.; Lamoreux, J. and da Fonseca, G. A. B. Preface by Peter A. Seligmann. Foreword by Harrison Ford, 2005. Hotspots revisited: *Earth's Biologically Richest and Most Endangered Terrestrial Ecoregions*. Conservation International. <http://www.biodiversityhotspots.org/xp/Hotspots/resources/maps.xml>.
- Molau, U.; Alatalo, J. M., 1998. Responses of sub-alpine plant communities to simulated environmental change. *Ambio*, 27, 332–339.
- MOm/Hellenic Society for the Study and the protection of the Monk Seal, 2006. *Assessment and Update Status Report on the Mediterranean Monk Seal*.
- Nieto Serradilla, A. and Delbaere, B., 2005. EU Headline Biodiversity indicators in biodiversity monitoring programmes in Europe. Draft report to the European Environment Agency. ECNC/European Topic Centre on Nature Biodiversity.
- Nieto, A., 2005. *Streamlining European 2010 Biodiversity Indicators*. Leaflet. ECNC.
- Nikolov, N., 2006. *Global Forest Resources Assessment 2005 — Report on fires in the Balkan Region and adjacent countries*. Fire Management Working Papers. FAO Forestry Department, Rome, Italy.
- NOBANIS (North European and Baltic Network on Invasive Alien Species). www.nobanis.org.
- Novikov and Safarov, 2003. Tajikistan 2002. *State of the Environment Report*. <http://enrin.grida.no/htmls/tadjik/soe2001/eng/>.
- Often, A.; Stabbetorp, O. E., 2003. *Landscape and biodiversity changes in a Norwegian agricultural landscape*. NINA, Oslo.
- Organic Centre of Wales, 2006. <http://www.organic.aber.ac.uk/index.shtml>.
- Ottitsch, A.; Kaczmarek, K.; Kazusa, L. (EFI), Raae, K. (DFE), 2005. Study on the issues of illegal logging and related trade of timber and other forest products issues in Europe. European Forest Institute, Danish Forestry Extension. Commissioned by MCPFE-LU-Warsaw. Final Report.
- Palomo, L. J.; Gisbert, J., 2002. Atlas de los Mamíferos terrestres de España. Dirección General de Conservación de la Naturaleza-SECEM-SECEMU, Madrid, 564 pp.
- Parmesan, C.; Yohe, G., 2003. A globally coherent fingerprint of climate change impacts across natural systems. *Nature* 421:37–42.
- Preston, C. D.; Telfer, M. G.; Arnold, H. R.; Carey, P. D.; Cooper, J. M.; Dines, T. D.; Hill, M. O.; Roy, D. B.; Smart, S. M., 2002. *The changing flora of the UK*. In: New Atlas of the British and Irish Flora (eds. Preston CD, Pearman DA and Dines TD), pp. 35–45. Oxford University Press, Oxford.
- Réseau Alpin, 2004. *Etude 'Réseau écologique transfrontalier'*, Signaux alpins 3/2004, 240 pages.
- Riera, P.; Mogas, J., 2004. Evaluation of a risk reduction in forest fires in a Mediterranean region. *Forest Policy and Economics*, Vol. 6 (2004), pp. 521–528.
- Romao, C., 2004. *Monitoring and Reporting in the framework of the Birds and the Habitats Directives — Overview Paper*. Report to the European Environment Agency. MNHN/European Topic Centre on Nature Protection and Biodiversity.

- Schröter, D.; Cramer, W.; Leemans, R.; Prentice, I. C.; Araujo, M. B.; Arnell, N. W.; Bondeau, A.; Bugmann, H.; Carter, T. R.; Gracia, C. A.; Vega-Leinert, A. C.; Erhard, M.; Ewert, F.; Glendining, M.; House, J. I.; Kankaanpää, S.; Klein, R. J. T.; Lavorel, S.; Lindner, M.; Metzger, M. J.; Meyer, J.; Mitchell, T. D.; Reginster, I.; Rounsevell, M.; Sabaté, S.; Sitch, S.; Smith, B.; Smith, J.; Smith, P.; Sykes, M. T.; Thonicke, K.; Thuiller, W.; Tuck, G.; Zaehle, S.; Zierl, B., 2005. Ecosystem Service Supply and Vulnerability to Global Change in Europe. *Science*, 310, 1333–1337.
- Smith, K. G. and Darwall, W. R. T. (Ed), 2005. *The Status and Distribution of Freshwater Fish Endemic to the Mediterranean Basin*. IUCN centre for Mediterranean cooperation.
- Smith, K. G. and Darwall, W. R. T., 2005. *The Status and Distribution of Freshwater Fish Endemic to the Mediterranean Basin*. IUCN Freshwater Biodiversity Assessment Programme. IUCN Mediterranean Centre. Seville.
- State Committee of Russian Federation for Environment Protection, 1997. First National Report to CBD.
- Tamis, W. L. M.; Zelfde, M. V.; Meijden, R. V. D.; Haas, H. A. U. de, 2005. Changes in Vascular Plant Biodiversity in the Netherlands in the 20th Century Explained by their Climatic and other Environmental Characteristics. *Climatic Change*, 72, 37–56.
- Thomas, C. D.; Cameron, A.; Green, R. E.; Bakkenes, M.; Beaumont, L.; Collingham, Y. C.; Erasmus, B. F. N.; Ferreira de Siqueira, M.; Grainger, A.; Hannah, L.; Hughes, L.; Huntley, B.; van Jaarsveld, A. S.; Midgley, G. F.; Miles, L.; Ortega-Huerta, M. A.; Townsend Peterson, A.; Phillips, O. L.; Williams, S. E., 2004. Extinction risk from climate change. *Nature*, 427, 145–148.
- Troumbis, A.; Moreno, J.-M. and Medail, F. 2000. *Report on a Ricamare workshop 'Biodiversity and conservation in changing Mediterranean landscapes'*. Mytilini, Lesvos.
- Tucker, G. M. and Heath, M. F., 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series no. 3. Cambridge, United Kingdom.
- UNECE (United Nations Economic Commission for Europe), 2001b. Environmental Performance Review of Ukraine.
- UNECE (United Nations Economic Commission for Europe), 2003a. *Kiev Resolution on Biodiversity. Fifth ministerial Conference 'Environment for Europe', Kiev, Ukraine, 12–23 May 2003*. Document ECE/CEP/108. United Nations. Commission for Europe.
- UNECE (United Nations Economic Commission for Europe), 2003b. *Environmental partnerships in the UN ECE region: Environmental strategy for countries of Eastern Europe, Caucasus and central Asia*. Document ECE/CEP/105/Rev. 1.
- UNECE (United Nations Economic Commission for Europe), 2005. *The Condition of Forests in Europe*. Executive Report. United Nations Economic Commission for Europe. Geneva. p. 33.
- UNECE/FAO, 2000. *Forest resources of Europe, CIS, North America, Australia, Japan and New Zealand*. (Industrialised temperate/boreal countries.) *UNECE/FAO contribution to the Global Forest Resources assessment 2000*. Main report. ECE/TIM/SP/17. New York and Geneva.
- UNECE/FAO, 2004. *Summary note and country reports of the Joint UNECE/FAO Workshop on Illegal Logging and Trade of Illegally-derived Forest Products in the UNECE Region*, held at the Palais des Nations. Geneva. Switzerland, 16–17 September 2004. <http://www.uncece.org/trade/timber/docs/sem/2004-1/sem-2004-1.htm>.
- UNECE/FAO, 2005a. *Global Forest Resources Assessment 2005. Progress towards sustainable forest management*. FAO Forestry Paper 147. UNECE/FAO, Rome.
- UNECE/FAO, 2005b. *European Forest Sector Outlook Study. Main report*. Geneva Timber and Forest Study Paper 20. United Nations Economic Commission for Europe/Food and Agriculture Organization of the United Nations. Geneva, 2005.
- UNEP RAC-SPA, 2003. *Action plan for the management of the Mediterranean Monk Seal (Monachus monachus)*. UNEP RAC-SPA. Tunis.
- Van Swaay, C. and Warren, M., 2003. *Prime butterfly areas in Europe*. Vlinderstichting/British Butterfly Conservation. Wageningen.
- Van Swaay, C. A. M. and Warren, M. S., 2006. Prime Butterfly Areas of Europe: an initial selection of priority sites for conservation. *Journal of Insect Conservation* (2006) 10: 5–11.
- Vardaka, E.; Moustaka-Gouni, M.; Cook, C. M. and Lanaras, T., 2005. Cyanobacterial blooms and water quality in Greek waterbodies. *Journal of Applied Phycology*, Vol. 17, Nb 5. Springer. The Netherlands.
- Vavilov, N. I., 1992. *The Origin and Geography of Cultivated Plants*. Collected papers, 1920–1940. First published in Russian by Nauka, Leningrad Branch, 1987. Cambridge University Press.
- Vila, M.; Tessier, M.; Suehs, C. M.; Brundu, G.; Carta, L.; Galanidis, A.; Lambdon, P.; Manca, M.; Medail, F.; Moragues, M.; Traveset, A.; Troumbis, A. Y. and Hulme, P., 2006. Local and regional assessments of the impacts of plant invaders on vegetation structure and soil properties of Mediterranean islands. *J. Biogeogr.* 53:853–861.
- Walther, G.; Post, E.; Convey, P.; Menzel, A.; Parmesan, C.; Beebee, T. J. C.; Fromentin, J.-M.; Hoegh-Guldberg, O. and Bairlein, F., 2006. Ecological responses to recent climate change. *Nature*, 416, 398–395.
- Ward, D., 2005. *Saving the Iberian Lynx, the way forward? SOS Lynx*. <http://www.soslynx.org/>
- Willer Helga and Minou Yussefi, 2006. *The World of Organic Agriculture. Statistics and Emerging Trends 2006*.
- WWF (World Wildlife Fund for Nature), 2003. *Factsheet on Lower Danube Green Corridor, Cooperation and Management across borders and boundaries*. http://assets.panda.org/downloads/ldgc_factsheet_041006_se.doc.
- WWF (World Wildlife Fund for Nature), 2004. *Quick overview facts on Illegal logging in Russia. Compiled by the WWF European Forest Programme from existing studies*, March 2004. <http://www.forestandtradeasia.org/files/Illegal%20logging%20in%20Russia.pdf>.

WWF (World Wildlife Fund for Nature), 2005a. *Illegal logging in Bulgaria. WWF European Forest Programme and the Danube Carpathian Programme*. <http://assets.panda.org/downloads/finalillegalloggingbulgariafebr05.pdf>.

WWF (World Wildlife Fund for Nature), 2005b. *Illegal logging in Slovakia. WWF European Forest Programme and the Danube Carpathian Programme*. <http://assets.panda.org/downloads/finalillegallogginginslovakia.pdf>.

WWF (World Wildlife Fund for Nature), 2006. *An Eco-regional Conservation Plan (ECP) for the Caucasus*. Second edition. Tbilisi. http://assets.panda.org/downloads/ecp__second_edition.pdf.

WWF (World Wildlife Fund for Nature) Caucasus, 2004. *Ecosystem profile. Caucasus biodiversity hotspot. Critical Ecosystem Partnership Fund*. WWF.

Other sources (Chapter 4)

EUNIS. <http://eunis.eea.europa.eu/>.

Fishbase. <http://www.fishbase.org/home.htm>.

<http://www.ipgri.cgiar.org/Publications/HTMLPublications/47/ch06.htm>.

<http://ecoport.org/ep?SearchType=pdb&PdbID=35028>.

<http://gnat/dataservice/metadetails.asp?id=878>.

National reports to CBD.

National reports on combating desertification.

National communications to UNFCCC.

National biodiversity strategy reports.

National reports for UNEP/ENRIN.

National biodiversity action plan reports.

National environmental performance review reports.

National state of environment reports.

These reports have been found through the following web pages:

- <http://www.biodiv.org/reports/list.aspx?type=all>;
- <http://unece.unog.ch/enhs/EcoReport/ecoadmin.eam>;
- <http://enrin.grida.no/allsoe.cfm>;
- <http://countries.eea.europa.eu/SERIS>;
- http://www.euronatur.org/uploads/tx_userdownload/green_belt_news1105_02.pdf.

Chapter 5 Marine and coastal environment

ACIA (Arctic Climate Impact Assessment), 2004. *Impacts of a Warming Arctic: Arctic climate impact assessment*. Cambridge University Press. <http://amap.no/acia/>.

ACIA (Arctic Climate Impact Assessment), 2005. *Arctic Climate Impact Assessment — Scientific Report*. Cambridge University Press, 1 041 pp. <http://www.acia.uaf.edu/pages/scientific.html>.

Aleksandrov, B., 2006. *Long-term changes of the Black Sea ecosystem under the influence of eutrophication*. Presentation made at the First BSC Scientific Conference on the Black Sea: 'Black Sea Ecosystem 2005 and Beyond', 8–10 May 2006, Istanbul.

Aleksandrov, B.; Boltachev, A.; Kharchenko, T.; Liashenko, A.; Son, M.; Tsarenko, P.; and Zhukinsky, V., 2006. *Trends in the Black Sea alien species*. SEBI 2010 workshop, Athens, 27–28 June 2006.

AMAP (Arctic Monitoring and Assessment Programme), 1998. *AMAP Assessment Report: Arctic Pollution Issues*. AMAP, Oslo, Norway, xii + 859 pp.

AMAP (Arctic Monitoring and Assessment Programme), 2002. *AMAP Pollution 2002: Persistent Organic Pollutants: Heavy metals, Radioactivity, Human Health, Changing pathways*. AMAP, Oslo, Norway. xii + 114 pp.

AMAP (Arctic Monitoring and Assessment Programme), 2004. *Persistent Toxic Substances, Food Security and Indigenous Peoples of the Russian North*. Final Report, AMAP, Oslo, 2004. 192 p.

America's National Academy of Sciences, 2006. *Study on fish farm infections impacting on wild salmon*. <http://www.timesonline.co.uk/tol/news/uk/article656409.ece>.

Andersen, J. M.; Boutroup, S.; Svendsen, L. M.; Bøgestrand, J.; Grant, R.; Jensen, J. P.; Ellermann, T.; Rasmussen, M. B.; Jørgensen, L. F. and Laursen, K. D., 2004. *Aquatic environment 2003. State and trends — Technical summary*. Technical report from the National Environmental Research Institute No 500, 52 pp, Denmark.

Auster, P. J. and Langton, R. W., 1999. *The Effects of Fishing on Fish Habitat*. American Fisheries Society Symposium, Vol. 22: pp. 150–187.

Bambulyak, A. and Frantzen B., 2005. *Oil transport from the Russian part of the Barents Region*. Svanhovd Environmental Centre, Svanhovd, Norway. http://www.wwf.ru/pic/docdb/publ/oil_report_english_1.pdf.

Baum, J. K.; Myers, R. A.; Kehler, D. G.; Worm, B.; Harley, S. J. and Doherty, P. A., 2003. Collapse and Conservation of Shark Populations in the Northwest Atlantic. *Science*, Vol. 299, Issue 5605, 389–392, 17 January 2003.

Beaumont, N.; Townsend, M.; Mangi, S. and Austen, M. C., 2006 (submitted). *Marine Biodiversity: An economic valuation*. http://www.ucl.ac.uk/bioecon/8th_paper/Austen.pdf.

Behrenfeld, M.; O'Malley, R. T.; Siegel, D. A.; McClain, C. R.; Sarmiento, J. L.; Feldman, G. C.; Milligan, A. J.; Falkowski, P. G.; Letelier, R. M. and Boss, E. M., 2006. Climate-driven trends in contemporary ocean productivity, *Nature* 444, 752–755, 7 December 2006.

- Berkeiliev, T., undated, *Major environmental problems of Caspian Region*. In: Mamedov N. and Panin G. (eds), Scientific Caspian Sea report (in Russian).
- Berkeiliev, T., 2002. *Caspian Environmental Issues, Caspian Natural Resources: Sustainability and Accountability*. A panel discussion organised by ISAR 29 July 2002 at the Carnegie Endowment for International Peace. Washington DC.
- Blue Plan, 2005. *Sustainable future for the Mediterranean: The Blue Plan's environment and development outlook*, Benoit, G. and Comeau, A. (eds), Earthscan.
- BMB-NEMO (Baltic Marine Biologists database on Non-indigenous Estuarine and Marine Organisms), 2006. Baltic Sea Alien Species Database. www.ku.lt/nemo/alien_species_search.html.
- Boero, F., 2005. *Lessons from the Mediterranean*, Contribution to the EPBRS conference 'Climate Change and Biodiversity Conservation: Knowledge needed to support development of integrated adaptation strategies', 29 August–16 September 2005.
- Borysova, O.; Kondakov, A.; Paleari, S.; Rautalahti-Miettinen, E.; Stolberg, F. and D. Daler, 2005. *Eutrophication in the Black Sea region*. Impact assessment and Causal chain analysis, University of Kalmar, Sweden.
- Botnen, H., 2006. *Trends in the Norwegian Shelf alien species*, SEBI 2010 workshop. Athens, 27–28 June 2006. Based on <http://www.dirnat.no/archive/attachments/01/69/intro063.doc>.
- Brooker, R. and Young, J. (eds), 2005. *Climate change and biodiversity in Europe: a review of impacts, policy responses, gaps in knowledge and barriers to the exchange of information between scientists and policy makers*. NERC Centre for Ecology and Hydrology, Banchory research station, Report from DEFRA. <http://www.defra.gov.uk/wildlife-countryside/resprog/findings/climatechange-biodiversity/report.pdf#search=%22brooker%20Young%20climate%20change%20defra%22>.
- BSC (Black Sea Commission), 2002. *State of the Environment of the Black Sea, Pressures and Trends 1996–2000*. The Commission for the Protection of the Black Sea against Pollution, Istanbul.
- Caddy, J. F. and Garibaldi, L., 2000. Apparent changes in the trophic composition of the world marine harvests: the perspectives from the FAO capture database, *Ocean and Coastal Management*, 43 (8–9): pp. 615–655.
- CEP (Caspian Environment Programme), 2000. *Oil contamination of the Caspian Sea*. http://www.caspianenvironment.org/report_miscl4.htm.
- CEP (Caspian Environment Programme), 2002a. *Transboundary Diagnostic Analysis for the Caspian Sea: Volumes One and Two*. September 2002, Baku, Azerbaijan.
- CEP (Caspian Environment Programme), 2002b. *Caspian Health Profile, Caspian Regional Thematic Centre on Human Sustainable Development and Health*, Ashgabad.
- CEP (Caspian Environment Programme), 2005. *An Introduction to the Caspian Sea and the Caspian Environment Programme*. <http://www.caspianenvironment.org/newsite/index.htm>.
- CEP (Caspian Environment Programme), 2006. *Caspian Sea, Environmental issues*. <http://www.caspianenvironment.org/newsite/Caspian-EnvironmentalIssues.htm>.
- CERA (Cambridge Energy Research Associates), 2003. http://cera.ecnext.com/coms2/summary_0236-381_ITM.
- Çinar, M. E.; Bilecenoğlu, M.; Öztürk, B.; Katagan, T. and Aysel, V., 2005/2006. Alien species on the coasts of Turkey, *Mediterranean Marine Science*, 6, 2, 118–146.
- Croatian Environment Agency, 2006. <http://www.azo.hr/Default.aspx>.
- Danubs, 2005. *Nutrient Management in the Danube Basin and its Impact on the Black Sea*, Final Report March 2005. <http://danubs.tuwien.ac.at>.
- DFT/DEFRA (Department for Transport/Department for Environment Food and Rural Affairs), 2006. *Establishment of Marine Environmental High Risk Areas (MEHRAs)*, 2 May 2006. <http://www.dft.gov.uk/pgr/shippingports/shipping/elc/secmehras/?version=1>.
- Redrawn after DI Cartography Center, US Government, 2006. <http://www.eia.doe.gov/emeu/cabs/Caspian/Maps.html>.
- Dippner J. W.; Kornilovs G. and Sidrevics L., 2000. Longterm variability of mesozooplankton in the Central Baltic Sea, *J. Mar. Systems* 25: 23–31.
- EAP (Environment Action Programme), 2002. The Sixth Environment Action Programme of the European Community 2002–2012. <http://ec.europa.eu/environment/newprg/index.htm>.
- Edwards, M., 2003. The Sir Alister Hardy Foundation for Ocean Science.
- Edwards, M.; Johns, D. G.; Licandro, P.; John, A. W. G. and Stevens, D. P., 2006. *Ecological Status Report: results from the CPR survey 2004/2005*. SAHFOS Technical Report, 3: 1–8. ISSN 1744-0750 [http://www.sahfos.ac.uk/annual_reports/annual%20report%202005/ecological%20status%20\(ebook\).pdf](http://www.sahfos.ac.uk/annual_reports/annual%20report%202005/ecological%20status%20(ebook).pdf).
- Edwards, M.; Licandro, P.; John, A. W. G. and Johns, D.G., 2005. *Ecological Status Report: results from the CPR survey 2003/2004*. Sir Alister Hardy Foundation for Ocean Science (SAHFOS), Technical Report, No 2: 1–6. ISSN 1744-075.
- EEA Waterbase (European Environment Agency), 2006. <http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=836>.
- EEA (European Environment Agency), 1995. *Europe's environment — The Dobbris assessment*. EEA, Copenhagen.
- EEA (European Environment Agency), 2003. *Europe's environment: the third assessment*. EEA, Copenhagen.
- EEA (European Environment Agency), 2004. *Impact of Europe's changing climate*, EEA report No 2/2004. http://reports.eea.europa.eu/climate_report_2_2004/en/tab_content_RLR. EEA, Copenhagen.
- EEA (European Environment Agency), 2005a. *The European environment — State and outlook 2005*. EEA, Copenhagen.

- EEA (European Environment Agency), 2005b. *Source apportionment of nitrogen and phosphorus inputs into the aquatic environment*, EEA Report No 7/2005. EEA, Copenhagen
- EEA (European Environment Agency), 2006a. *Priority issues in the Mediterranean environment*, EEA Report No 4/2006. EEA, Copenhagen.
- EEA (European Environment Agency), 2006b. Indicator fact sheet WHS6 Hazardous substances in marine organisms (draft). http://themes.eea.europa.eu/Specific_media/water/indicators/WHS6_WHS7%2C2004.06/WHS6_HazardousSubstancesBiota_280504.pdf.
- EEA (European Environment Agency), 2006c. Indicator fact sheet WHS10 Discharge of oil from refineries and offshore installations (draft). Previous version available at http://themes.eea.europa.eu/Specific_media/water/indicators/WHS10%2C2004.05/WHS10_OilOffshoreInstallations_250504.pdf.
- EEA (European Environment Agency), 2006d. *Energy and environment in the European Union — tracking progress towards integration*, EEA Report No 8/2006 http://reports.eea.europa.eu/eea_report_2006_8/en/eea_report_8_2006.pdf. EEA, Copenhagen.
- EEA (European Environment Agency), 2006e. *Changing faces of Europe's coastal areas*, EEA report No 6/2006. http://reports.eea.europa.eu/eea_report_2006_6/en. EEA, Copenhagen.
- EEA (European Environment Agency), 2007. *Climate change and water adaptation issues*. EEA Technical report No 2/2007. http://reports.eea.europa.eu/technical_report_2007_2/en. EEA, Copenhagen.
- EEA Core Set of Indicators 32. <http://themes.eea.europa.eu/IMS/CSI>.
- EEA Core Set of Indicators 34. <http://themes.eea.europa.eu/IMS/CSI>.
- ESL/JRC (European Statistical Laboratory/Joint Research Centre), 2006. *Wetland loss ME-8*. http://esl.jrc.it/envind/meth_sht/ms_we042.htm.
- ESPON (European Spatial Planning Observation Network), 2006. http://www.espon.eu/mmp/online/website/content/publications/98/1229/index_EN.html.
- European Commission & CITES, 2006. Proceedings of the International Sturgeon Enforcement Workshop to Combat Illegal Trade in Caviar, 27–29 June 2006, Brussels, Belgium.
- European Commission, 2002. COM(2002)180 final. *Communication from the Commission of 28 May 2002, Community action plan for the eradication of illegal, unreported and unregulated fishing*.
- European Commission, 2003. DG Fisheries and Maritime affairs, Reform of the CFP, 2002, *Repercussion of the conservation policy on the fishing fleet*. http://ec.europa.eu/fisheries/cfp/2002_reform/fleet_en.htm.
- European Commission, 2004. *Living with coastal erosion in Europe. Sediment and space for sustainability*. Office of Official Publications of the European Communities, Luxembourg, pp. 40.
- European Commission, 2005a. COM(2005)505 final. *Proposal for a Directive of the European Parliament and of the Council of 24 October 2005 establishing a framework for the Community action in the field of marine environmental policy (Marine Strategy Directive)*.
- European Commission, 2005b. COM(2005)504 final. *Communication from the Commission to the Council and the European Parliament. Thematic Strategy on the Protection and Conservation of the Marine Environment (European Marine Strategy)*.
- European Commission, 2005c. SEC(2005)1290. Commission Staff Working Document. Annex to the Communication from the Commission to the Council and the European Parliament of 24 October 2005, 'Thematic strategy on the protection and conservation of the marine environment', and Proposal for a Directive of the European Parliament and of the Council of 24 October 2005 establishing a framework for the Community action in the field of marine environmental policy (*Marine Strategy Directive, Impact Assessment*).
- European Commission, 2005d. *DG Environment Nature Newsletter*, number 19, November 2005. http://ec.europa.eu/environment/nature/nature_conservation/useful_info/newsletter_natura/index_en.htm.
- European Commission, 2006. *Commission Regulation (EC) No 865/2006 of 4 May 2006 laying down detailed rules concerning the implementation of Council Regulation (EC) No 338/97 on the protection of species of wild fauna and flora by regulating trade therein*, OJ N L 166, 19.6.2006.
- European Commission, 2006a. DG Environment, Natura 2000 network, Marine Issues. http://ec.europa.eu/environment/nature/nature_conservation/natura_2000_network/marine_issues/index_en.htm.
- European Commission, 2006b. COM(2006)216 final, *Halting the Loss of Biodiversity by 2010 and Beyond — Sustaining Ecosystem Services for Human Well-Being*.
- European Commission, 2006c, COM(2006)275 final, Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee and the Committee of the Regions of 7 June 2006: *Towards a future Maritime Policy for the Union: A European vision for the oceans and seas*.
- European Commission, 2006d. COM(2006)726 final, *Communication from the Commission to the Council and the European Parliament of 7 December 2006 on Strengthening the European Neighbourhood Policy*.
- European Commission, 2006e. COM(2006)499 final, *Communication from the Commission to the Council of 15 September 2006, Fishing Opportunities for 2007: Policy Statement from the European Commission*.
- European Commission, 2006f. DG Fisheries and Maritime affairs, Press release: *Anchovy fisheries in the Bay of Biscay to be closed until the end of the year*. 20 July 2006. http://ec.europa.eu/fisheries/press_corner/press_releases/archives/com06/com06_44_en.htm.
- European Commission, 2006g. *Press release: New rules to combat illegal caviar trade*, 15 May 2006. <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/06/611&format=HTML&aged=0&language=EN&guiLanguage=en>.

- European Commission, 2006h. *DG Environment Nature Newsletter*, number 20, May 2006. http://ec.europa.eu/environment/nature/nature_conservation/useful_info/newsletter_natura/pdf/nat20_en.pdf.
- European Commission, 2006i. COM(2006)154 final. *Commission proposal of 4 April 2006 for a Council Regulation concerning use of alien and locally absent species in aquaculture*.
- European Commission, 2006j. COM(2006)388 final. *Proposal for a Regulation of the European Parliament and of the Council of 12 July 2006 concerning the placing of plant protection products on the market*.
- European Commission, 2006k. COM/2006/111 final. *Proposal for a regulation of the European Parliament and of the Council of 27 March 2006 amending regulation (EC) No 417/2002 on the accelerated phasing-in of double-hull or equivalent design requirements for single-hull oil tankers and repealing Council Regulation (EC) No 2978/94*.
- European Commission, 2006l. DG Energy and Transport. *Motorways of the sea — shifting transport of Europe's roads*. http://ec.europa.eu/transport/intermodality/motorways_sea/doc/2006_motorways_sea_brochure_en.pdf.
- European Commission, 2007a. DG Environment, Nature Conservation. *Barometer*. http://ec.europa.eu/environment/nature/nature_conservation/useful_info/barometer/barometer.htm.
- European Commission, 2007b. SEC(2007)363. Commission staff Working Document of 22 March 2007. Annex to the Communication from the Commission to the European Parliament and the Council: 'Towards Sustainable Water Management in the European Union', First stage in the implementation of the Water Framework Directive 2000/60/EC, 4th Commission Report (Executive Summary) on Implementation of the Urban Waste Water Treatment Directive (COM(2007)128 final).
- European Commission, 2007c. COM(2007)120 final. *Report from the Commission to the Council and the European Parliament of 19 March 2007 on implementation of Council Directive 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources for the period 2000–2003*.
- European Commission, 2007d. COM(2007)30 final. *Communication from the Commission to the Council and the European Parliament of 29 January 2007 on the review of the management of deep-sea fish stocks*.
- European Commission, 2007e. COM(2007)74 final. *Commission Proposal of 27 February 2007 for a Council Regulation amending Council Regulation (EC) No 41/2007 as concerns the recovery plan for bluefin tuna recommended by the International Commission for the Conservation of Atlantic Tunas*.
- European Commission, 2007f. COM(2007)136 final. *Communication from the Commission to the Council and the European Parliament of 28 March 2007 on a policy to reduce unwanted by-catches and eliminate discards in European fisheries*.
- European Commission, DG Joint Research Centre (JRC), Institute for Environment and Sustainability (IES), 2006. <http://marine.jrc.ec.europa.eu/>.
- European Commission, DG Joint Research Centre (JRC), Institute for Protection and Security of the Citizen (IPSC), 2006. <http://ipsc.jrc.ec.europa.eu/>.
- European Council, 2005. *Council Regulation (EC) 1568/2005 of 20 September 2005 amending Regulation (EC) No 850/98 as regards the protection of deep-water coral reefs from the effects of fishing in certain areas of the Atlantic Ocean*, OJ N L 252, 28.9.2005.
- European Council, 2006. *Council Regulation (EC) 1967/2006 of 21 December 2006 concerning management measures for the sustainable exploitation of fishery resources in the Mediterranean Sea, amending Regulation (EEC) No 2847/93 and repealing Regulation (EC) No 1626/94*, OJ N L 409, 31.12.2006.
- European Council, 2007. *Council Regulation (EC) 41/2007 of 21 December 2006 fixing for 2007 the fishing opportunities and associated conditions for certain fish stocks and groups of fish stocks, applicable in Community waters and, for Community vessels, in waters where catch limitations are required*, OJ N L 15, 20.1.2007.
- European Land Ocean Interaction Studies (ELOISE), 2004. <http://www.nilu.no/projects/eloise/>.
- European Parliament, 2007. Fisheries Committee. *FINAL Report on the implementation of the EU action plan against illegal, unreported and unregulated fishing, 2006/2225 INI, A6-0015/2007*.
- European Science Foundation Marine Board, 2002. ESF Marine Board Position Paper 5. *Integrating Marine Science in Europe*. <http://www.esf.org/publication/146/Marinescience.pdf>.
- Eurostat, 2006. *Environment and Energy: Primary production of crude oil*. http://epp.eurostat.cec.eu.int/portal/page?_pageid=1996,39140985&_dad=portal&_schema=PORTAL&screen=detailref&language=en&product=Yearlies_new_environment_energy&root=Yearlies_new_environment_energy/H/H2/H22/ebc11024.
- FAO (Food and Agriculture Organisation), 2004a. *Country fisheries profile Ukraine FID/CP/UKR*. <http://www.fao.org/fi/fcp/en/UKR/profile.htm>.
- FAO (Food and Agriculture Organisation), 2004b. *Country fisheries profile Russian Federation FID/CP/RUS*. <http://www.fao.org/fi/fcp/en/RUS/profile.htm>.
- FAO (Food and Agriculture Organisation), 2005. *Discards in the world's marine fisheries: An update*. FAO Fisheries Technical Paper 470. <http://www.fao.org/docrep/008/y5936e/y5936e00.HTM>.
- FAO (Food and Agriculture Organisation), 2006. *The State of the world aquaculture*. <ftp://ftp.fao.org/docrep/fao/009/a0874e/a0874e00.pdf>.
- FAO (Food and Agriculture Organisation), 2007a. *FAO Fishery Statistics (FISHSTAT) — Capture Production 1950–2005* (Release date: March 2007). http://www.fao.org/fi/website/FIRetrieveAction.do?xml=FIDI_STAT_org.xml&dom=org&lang=en&xp_nav=3,1,2.
- FAO (Food and Agriculture Organisation), 2007b. *The State of world fisheries and aquaculture 2006*. FAO Fisheries and Aquaculture Department, Food and Agriculture Organization of the United Nations. Rome, 2007.

- FAO (Food and Agriculture Organisation), 2007c. *FAO Fishery Statistics (FISHSTAT) — Aquaculture Production: Quantities 1950–2005* (Release date: March 2007). http://www.fao.org/fi/website/FIRetrieveAction.do?xml=FIDI_STAT_org.xml&dom=org&lang=en&xp_nav=3,1,2.
- Fetterer, F. and Knowles, K., 2002 (updated 2006). Sea ice index. Boulder, CO: National Snow and Ice Data Center. Digital media. <ftp://sidads.colorado.edu/DATASETS/NOAA/G02135/Sep/>.
- Filatov, N.; Pozdnyakov, D.; Johannessen, O. M.; Petterson, L. H. and Bobylev, L. P., 2005. *White Sea: Its marine environment and ecosystem dynamics influenced by global change*. Chapter 11, p. 443–444, Praxis Publishing, Chichester, the United Kingdom.
- Garrabou, J.; Perez, T.; Santoretto, S. and Harmelin, J. G., 2001. Mass mortality event in red coral *Corallium rubrum* populations in the Provence region (France, NW Mediterranean), *Mar. Ecol. Progr. Ser.*, 217, 263–272.
- Gazeau, F.; Quiblier, C.; Jansen, J. M.; Gattuso, J-P.; Middleburg, J. and Heip, C., 2007. *Impact of elevated CO₂ on shellfish calcification*, *Geophysical Research Letters*, 34, L07603.
- GFCM (General Fisheries Commission for the Mediterranean), 2005. http://www.fao.org/fi/body/rfb/GFCM/gfcm_home.htm.
- GISCO/Eurostat, 2006. *Water Sheds Pan Europe, scale 3 million*.
- Global Marine Oil Pollution Information Gateway, 2006. *Estimates of global inputs of oil to the marine environment*. <http://oils.gpa.unep.org/facts/sources.htm>.
- Globallast, 2006. Global Ballast Water Management Programme. <http://globallast.imo.org/index.asp?page=problem.htm&menu=true>.
- Gollasch, S., 2006. Overview on introduced aquatic species in European navigational and adjacent waters. *Helgoland Marine Research* 60: 84–89.
- Greenpeace, 2004. *The net effect? — A review of cetacean bycatch in pelagic trawls and other fisheries in the north-east Atlantic*. Ross, A. and Isaac, S.: A Whale and Dolphin Conservation Society report for Greenpeace, January 2004.
- Greenpeace, 2006a. *Destruction at all co[a]sts*, July 2006. <http://www.greenpeace.org/espana/reports/destrucci-n-a-toda-costa-2006>.
- Greenpeace, 2006b. *Where have all the tuna gone? How tuna ranching and pirate fishing are wiping out bluefin tuna in the Mediterranean Sea*. <http://www.greenpeace.org/raw/content/international/press/reports/where-have-all-the-tuna-gone.pdf>.
- Haas, C., 2004. *Late-summer sea ice thickness variability in the Arctic Transpolar Drift 1991–2001 derived from ground-based electromagnetic sounding*, *Geophysical research letters*, 31.
- Hansson H. G., 2006. Ctenophores of the Baltic and adjacent Seas — the invader *Mnemiopsis* is here! *Aquatic Invasions* 1, 4: 295–298.
- HELCOM (Helsinki Commission), 2005a. *Indicator fact sheet 2005: Waterborne inputs of nitrogen and phosphorus*. Editor: Seppo Knuuttila, SYKE. http://www.helcom.fi/environment2/ifs/ifs2005/en_GB/waterborneNutrientInputs/.
- HELCOM (Helsinki Commission), 2005b. *Indicator fact sheet 2005: Waterborne inputs of heavy metals*. http://www.helcom.fi/environment2/ifs/ifs2005/en_GB/waterborneHMinputs/.
- HELCOM (Helsinki Commission), 2006a. Eutrophication in the Baltic Sea. Draft HELCOM Thematic Assessment in 2006 HELCOM Stakeholder Conference on the Baltic Sea Action Plan Helsinki, Finland, 7 March 2006.
- HELCOM (Helsinki Commission), 2006b. Hazardous Substances in the Baltic Sea, Draft HELCOM Thematic Assessment in 2006. HELCOM Stakeholder Conference on the Baltic Sea Action Plan, Helsinki, Finland, 7 March 2006.
- HELCOM (Helsinki Commission), 2006c. *HELCOM Report on Illegal Discharges Observed During Aerial Surveillance in 2005*. <http://www.helcom.fi/stc/files/shipping/spills2005.pdf>.
- HELCOM (Helsinki Commission), 2006d. *Maritime transport in the Baltic Sea*. Report presented at HELCOM stakeholder conference on the Baltic Sea Action Plan, Helsinki, Finland, March 2006.
- HELCOM (Helsinki Commission), 2006e. Climate change in the Baltic Sea area, Draft HELCOM Thematic Assessment in 2006. <http://helcom.navigo.fi/stc/files/BSAP/FINAL%20Climate%20Change.pdf>.
- HELCOM (Helsinki Commission), 2007. *HELCOM report on illegal discharges observed during aerial surveillance in 2006*.
- Hiddink, J. G.; Jennings, S.; Kaiser, M. J.; Queirós, A. M.; Duplisea, D. E and Piet, G. J., 2006. Cumulative impacts of seabed trawl disturbance on benthic biomass, production, and species richness in different habitats. *Can. J. Fish. Aquat. Sci./J. can. sci. halieut. aquat.* 63(4): 721–736 (2006). http://pubs.nrc-cnrc.gc.ca/cgi-bin/rp/rp2_abst_e?cjfas_f05-266_63_ns_nf_cjfas4-06.
- Hiscock, K.; Southward, A.; Tittley, I. and Hawkins, S., 2004. *Effects of changing temperature on benthic marine life in Britain and Ireland*. *Aquatic Conservation: Marine and Freshwater Ecosystems* 14: 333–362.
- Holland, M. M.; Bitz, C. M. and Tremblay, B., 2006. *Future abrupt reductions in the summer Arctic sea ice*. *Geophysical Research Letters*, vol. 33, L23503, 12 December 2006.
- Hop, H.; Pearson, T.; Hegseth, E. N.; Kovacs, K. M.; Wiencke, C.; Kwasniewski, S.; Eiane, K.; Mehlum, F.; Gulliksen, B.; Wlodarska-Kowalczyk, M.; Lydersen, C.; Weslawski, J. M.; Cochrane, S.; Gabrielsen, G. W.; Leakey, R. J. G.; Lønne, O. J.; Zajaczkowski, M.; Falk-Petersen, S.; Kendall, M.; Wägberg, S-Å.; Bischof, K.; Voronkov, A. Y.; Kovaltchouk, N. A.; Wiktor, J.; Poltermann, M.; di Prisco, G.; Papucci, C.; Gerland, S., 2002. The marine ecosystem of Kongsfjorden, Svalbard, *Polar Research* 21(1), pp. 167–208.
- IACMST (Inter-Agency Committee on Marine Science and Technology), 2004. *UK marine waters — Marine processes and climate: Sea Temperature*. http://www.oceanet.org/medag/reports/IACMST_reports/MCP_report/ch_temp/MCPreport_temp.htm.

- ICCAT (International Commission for the Conservation of Atlantic Tunas), 2005a. *Report 2006–2007, (II) 8.5 BFT – Atlantic bluefin tuna*. <http://www.iccat.es/Documents/SCRS/ExecSum/BFT%20EN.pdf>.
- ICCAT (International Commission for the Conservation of Atlantic Tunas), 2005b. *Report 2006–2007, (II) 8.10 SWO-MED – Mediterranean swordfish*. <http://www.iccat.es/Documents/SCRS/ExecSum/SWOMED%20EN.pdf>.
- ICES (International Council for the Exploration of the Sea), 2002. *Report of the Study Group on Mapping the Occurrence of Cold Water Corals*. Advisory Committee on Ecosystems, International Council for the Exploration of the Sea, ICES CM 2002/ACE:05, Ref: E, WGECO May 2002.
- ICES (International Council for the Exploration of the Sea), 2005a. Baltic Fisheries Assessment Working Group (WGFAS), *Report 2005*. <http://www.ices.dk/reports/ACFM/2005/WGBFAS/2-Cod.pdf>.
- ICES (International Council for the Exploration of the Sea), 2005b. ICES Cooperative Research Report No 275. *The Annual ICES Ocean Climate Status Summary 2004/2005*. 43 pp. <http://www.ices.dk/pubs/crr/crr275/crr275.pdf>.
- ICES (International Council for the Exploration of the Sea), 2006a. *Good news for Northern hake and Norwegian spring spawning herring – but sandeel, anchovy and North Sea cod still depleted*. Press release, 16 October 2006. <http://www.ices.dk/aboutus/pressrelease/ICESPressReleaseOct2006.pdf>.
- ICES (International Council for the Exploration of the Sea), 2006b. (ICES Advice 2006) Report of the ICES Advisory Committee on Fishery Management, Advisory Committee on the Marine Environment and Advisory Committee on Ecosystems, Book 3. *The Barents and the Norwegian Seas*. December 2006, section 3.4.1. Northeast Arctic Cod, ICES, Copenhagen, Denmark. <http://www.ices.dk/products/icesadvice/2006PDF/ICES%20Advice%202006%20Book%203.pdf>.
- ICES (International Council for the Exploration of the Sea), 2007. DATRAS (Database Trawl Survey). <http://www.ices.dk/datacentre/datras/public.asp>.
- IEA (International Energy Agency), 2004. *World Energy Outlook*. <http://www.iea.org/textbase/nppdf/free/2004/weo2004.pdf>.
- IEA (International Energy Agency), 2005. *World Energy Outlook*. <http://www.iea.org/Textbase/npsum/WEO2005SUM.pdf>.
- IMR (Institute of Marine Research), 2006. *Marine resources and environment 2006* (in Norwegian – English summary). Chapter 3, Norwegian sea ecosystem. http://www.imr.no/_data/page/6538/2.1.1_Fysikk_sirkulasjon,_vannmasser_og_klima.pdf.
- IMR (Institute of Marine Research), 2007. http://www.imr.no/visste_du/arter/kongekrabbe/spredning.
- IPCC (Intergovernmental Panel on Climate Change), 2001. Working Group II: Impacts, Adaptation and Vulnerability. Ch. 6. *Coastal zone and marine ecosystems*. http://www.grida.no/climate/ipcc_tar/wg2/289.htm#634.
- IPCC (Intergovernmental Panel on Climate Change), 2007. *Climate Change 2007: The Physical Science Basis*. Summary for Policymakers, Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Paris, February 2007. <http://www.ipcc.ch/>.
- IPIECA (International Petroleum Industry Environmental Conservation Association), 2005. *Oil Spill Preparedness Regional Initiative (Caspian Sea–Black Sea–Central Eurasia)*. http://www.ipieca.org/downloads/oil_spill/ospri/Briefing_paper_FINAL_Jan05.pdf.
- ITOPF (International Tanker Owners Pollution Federation), 2006a. *Oil spill statistics*. <http://www.itopf.com/stats.html>.
- ITOPF (International Tanker Owners Pollution Federation), 2006b. Country profiles – A summary of oil spill response arrangements and resources worldwide. http://www.itopf.com/country_profiles/profiles/view.html.
- Javidpour, J.; Sommer, U. and Shiganova, T., 2006. First record of *Mnemiopsis leidyi* (A. Agassiz) 1865 in the Baltic Sea, *Aquatic Invasions*, 1, 4: 299–302.
- Johannessen, O. M.; Bengtsson, L.; Miles, M.; Kuzmina, S. I.; Semenov, V.; Alekseev, G. V.; Nagurny, A. P.; Zakharov, V. F.; Bobylev, L. P.; Pettersson, L. H.; Hasselmann, K. and Cattle, H. P., 2004. Arctic climate change: observed and modelled temperature and sea-ice variability. *Tellus, Series A*, Blackwell Munksgaard, Vol. 56, No 4, pp. 328–341. http://www.nersc.no/AICSEX/tellus_omj.pdf#search=%22Johannes%20sea%20ice%22.
- JRC/IPSC (European Commission, DG Joint Research Centre, Institute for the Protection and Security of the Citizen), 2000–2004. <http://ipsc.jrc.cec.eu.int/>.
- Kamburska, L.; Shiganova, T.; Stefanova, K.; Moncheva, S. and Dowell, M., 2006. *Interannual variations in the summer distribution of the invasive ctenophore Mnemiopsis leidyi (A. Agassiz) in the Black Sea*. In: A. K. Stips, and W. Schrimpf (eds.). Proceedings of the Workshop on 'Understanding and modelling the Black Sea ecosystem in support of marine conventions and environmental policies', EUR 22176 EN, 8–14.
- Kideys, E. A.; Roohi, A.; Bagheri, S.; Finenko, G.; Kamburska, L., 2005. Impacts of Invasive Ctenophores on the Fisheries of the Black Sea and Caspian Sea. *Oceanography, Special Issue*, Vol. 18, n 2, 77–85.
- Kosarev, A., 2005. *Physico-geographical conditions of the Caspian sea*. In: The Caspian Sea environment (Kostianoy, A. and Kosarev, A, editors). Hdb Env Chem Vol. 5 Part P: 5–31, Springer.
- Koutsikopoulos, C.; Beillois, P.; Leroy, C. and Taillefer, F., 1998. Temporal trends and spatial structures of the sea surface temperature in the Bay of Biscay, *Oceanologica Acta* Vol 21, n° 2, 335–344.
- LandScan, 2005. ORNL LandScan 2005™/UT-Battelle, LLC. <http://www.ornl.gov/sci/landscan/>.
- Large Marine Ecosystems (LME) Information Portal. <http://woodsmoke.edc.uri.edu/Portal/>.
- Lee, H. A. and Poland, G. C. R., 1998. Threats by fishing. Euro turtle web page <http://www.ex.ac.uk/telematics/EuroTurtle/>.

- Maldonado, C. and Bayona, J. M., 2002. *Organochlorine compounds in the North-western Black Sea Water: Distribution and water column process*. Estuarine, Coastal and Shelf Science, vol 54:3, March 2002.
- Malherbe, S., 2005. *The world market for fishmeal*. Proceedings of World Pelagic Conference, Capetown, South Africa, 24–25 October 2005, Agra Informa Ltd, Tunbridge Wells, United Kingdom.
- Marine Conservation Biology Institute, 2007. <http://www.mcbi.org/what/sustainability.htm>.
- Marine Institute, 2005. *Marine industries global market analysis*, March 2005, Douglas-Westwood Limited, Marine foresight series no 1, the Marine Institute, Ireland. http://www.marine.ie/NR/rdonlyres/ECDCC990-9A12-4375-A1FE-94DD10DEC2EA/0/ForesightSeries1_global_market_analysis.pdf.
- Martínez, J. and Adarraga, I., 2006. XIV SIEBM (Symposio Iberico de Estudios de Biología Marina), Barcelona, 12–15 September 2006.
- Matishov, G.; Denisov, S.; Dzhenyuk, S.; Karamushko, O.; Daler, D., 2004. The impact of fisheries on the dynamic of commercial fish species in Barents Sea and the Sea of Azov, Russia: A historical perspective. *Ambio* vol. 33, No 1–2.
- Mee, L., 1992. The Black Sea in crisis: A need for concerted international action. *Ambio* 21: 278–286.
- Mee, L., 2000. *How to save the Black Sea: Your Guide to the Black Sea Strategic Action Plan*. GEF Strategic Partnership on the Black Sea/Danube Basin. <http://web.worldbank.org/>. Based on: Mee, L. D. and Topping, G., 1999. Black Sea Pollution Assessment. Black Sea Environmental Series, Vol 10. UN Publications, New York, 380 pp., ISBN 92-1-129506-8.
- Mee, L., 2006. Back to the future: Can we prevent the Black Sea ecosystem from collapsing again? Presentation made at the First BSC Scientific Conference on the Black Sea: 'Black Sea Ecosystem 2005 and Beyond'. 8–10 May 2006, Istanbul.
- MNP (Netherlands Environmental Assessment Agency), 2004a. *Environmental Data Compendium. Indicator on dog whelk and whelk*. <http://www.mnp.nl/mnc/i-en-1104.html>.
- MNP (Netherlands Environmental Assessment Agency), 2004b. *Environmental Data Compendium. Indicator on fish and climate change*. <http://www.mnp.nl/mnc/i-en-1114.html>. Last update 24 April 2004.
- MNP (Netherlands Environmental Assessment Agency), 2006. *Vermestende stoffen in zout oppervlaktewater, 1985–2004*. <http://www.mnp.nl/mnc/i-nl-0254.html>.
- Möllmann, C.; Köster, F. W.; Kornilovs, G. and Sidrevics, L., 2002. Long-term dynamics in abundance of cladocerans in the central Baltic Sea. *Mar. Biol.* 141: 343–352.
- Nicholls, R. J. and Klein, R. J. T., 2005. *Climate change and coastal management on Europe's coast*. In Vermaat, J.; Bouwer, L.; Turner, K.; Salomon W. (eds) *Managing European Coasts: Past, Present and Future*, Germany, Springer.
- NOAA (National Oceanic & Atmospheric Administration), 2006. *Press release: United States makes push for bluefin tuna recovery*, 4 December 2006. <http://www.nmfs.noaa.gov/mediacenter/docs/ICCAT%20FINAL.pdf>.
- NSIDC (National Snow and Ice Data Center), 2005. Digital media. Boulder, Colorado, News 28/09/05. *Sea ice decline intensifies*. http://nsidc.org/news/press/20050928_trendscontinue.html.
- Oceana, 2003. Report: *The Dumping of hydrocarbons from ships into the seas and oceans of Europe — The other side of oil slicks*. http://www.oceana.org/uploads/media/oil-report-english_01.pdf#search=%22oceans%202003%20the%20dumping%20of%20hydrocarbons%20from%20ships%20into%20the%20seas%20and%20oceans%20of%20europe%22.
- OECD (Organisation for Economic Cooperation and Development), 2005. *Environmental Management in Eastern Europe, Caucasus and central Asia*.
- Orr, J. C.; Fabry, V. J.; Aumont, O.; Bopp, L.; Doney, S. C.; Feely, R. A.; Gnanadesikan, A.; Gruber, N.; Ishida, A.; Joos, F.; Key, R. M.; Lindsay, K.; Maier-Reimer, E.; Matear, R.; Monfray, P.; Mouchet, A.; Najjar, R. H.; Plattner, G-K.; Rodgers, K. B.; Sabine, C. L.; Sarmiento, J. L.; Schlitzer, R.; Slater, R. D.; Totterdell, I. J.; Weirig, M-F.; Yamanaka, Y. and Yool, A., 2005, Anthropogenic ocean acidification over the twenty-first century and its impact on calcifying organisms, *Nature* 437, p. 681–686.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2000. *Quality Status Report 2000 for the North-East Atlantic*. OSPAR Commission, London 2000. <http://www.ospar.org/eng/html/>.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2003. *Integrated Report 2003 on the Eutrophication Status of the OSPAR Maritime Area Based Upon the First Application of the Comprehensive Procedure*. OSPAR Commission, London, 2003.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2005a. *Assessment of data collected under the OSPAR Comprehensive Study on Riverine Inputs and Direct Discharges for the period 1990–2002*. OSPAR Commission, London 2005.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2005b. *Assessment of data collected under the Co-ordinated Environmental Monitoring Programme (CEMP)*. OSPAR Commission, London, 2005. <http://www.ospar.org/eng/doc/cemp/CEMP%20report.pdf>.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2005c. *Effects on the marine environment of ocean acidification resulting from elevated levels of CO₂ in the atmosphere*, by Peter M. Haugan, Carol Turley and Hans-Otto Poertner.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2006a. Draft Data Report on the Comprehensive Study of Riverine Inputs and Direct Discharges (RID) in 2004. Meeting of the Working Group on Inputs to the Marine Environment (INPUT) INPUT 06/3/1-E.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2006b. Meeting of the working group on inputs to the marine environment (INPUT). *Losses of Hazardous substances by leaching from sea ships to water*. INPUT-6/4/1-E(L). OSPAR Commission, London.

- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2006c. Co-ordinated Environmental Monitoring Programme (CEMP) assessment. *Trends and concentrations of selected hazardous substances in the marine environment 2005/2006*. OSPAR Commission, London, 2006.
- OSPAR (Convention for the Protection of the Marine Environment of the North-East Atlantic), 2006d. *Annual Report on Discharges, Waste Handling and Air Emissions from Offshore Oil and Gas Installations in 2004*. Offshore Oil and Gas Industry, 296. <http://www.ospar.org/>.
- Parr, W.; Volovik, Y.; Nixon, S. and Lipan, J., 2005. *Improving the understanding of the Danube River impact on the status of the Black Sea*. Report to the Black Sea — Danube Technical Working Group, November 2005.
- Peterson, C.; Rice, S.; Short, J.; Esler, D.; Bodkin, J.; Ballachey, B. and Irons, D., 2003. Long-Term Ecosystem Response to the Exxon Valdez Oil Spill. *Science*, 19 December 2003, 302: 2082–2086. <http://www.fakr.noaa.gov/oil/>.
- Planque, B.; Beilouis, P.; Jégou, A.-M.; Lazure, P.; Petitgas, P. and Puillat, I., 2003. Large-scale hydroclimatic variability in the Bay of Biscay: the 1990s in the context of interdecadal changes. *ICES Marine Science Symposia*, 219: 61–70.
- Price, A. R. G. and Readman, J. W., 2006. Potential impacts of antifouling biocides on marine ecosystems and the specification of a methodology for developing an indicator in European areas. Input to EU Marine Strategy, EEA Desk Study, Complete draft 3.2.2006.
- Rayner, N. A.; Brohan, P.; Parker, D. E.; Folland, C. K.; Kennedy, J. J.; Vanicek, M.; Ansell, T. and Tett, S. F. B., 2006. Improved analyses of changes and uncertainties in sea surface temperature measured in situ since the mid-nineteenth century: the HadSST2 data set. *Journal of Climate* 19(3) pp. 446–469. <http://hadobs.metoffice.com/hadsst2/diagnostics/hemispheric/northern/>.
- Richter-Menge, J.; Overland, J.; Proshutinsky, A.; Romanovsky, V.; Bengtsson, L.; Brigham, L.; Dyrgerov, M.; Gascard, J. C.; Gerland, S.; Graversen, R.; Haas, C.; Karcher, M.; Kuhry, P.; Maslanik, J.; Melling, H.; Maslowski, W.; Morison, J.; Perovich, D.; Przybylak, R.; Rachold, V.; Rigor, I.; Shiklomanov, A.; Stroeve, J.; Walker, D. and Walsh, J., 2006. *State of the Arctic*. National Oceanic and Atmospheric Administration, Pacific Marine Environmental Laboratory. NOAA OAR Special Report, NOAA/OAR, PMEL, Seattle, WA, 36 p., October 2006. <http://www.pmel.noaa.gov/pubs/PDF/rich2952/rich2952.pdf>.
- Rico, J. and Cabal, J., 2006. *Trends in the Iberian Shelf alien species*. SEBI 2010 workshop, Athens, 27–28 June 2006.
- Royal Society, 2005. *Ocean acidification due to increasing atmospheric carbon dioxide*. <http://www.royalsociety.org/displaypagedoc.asp?id=13539>.
- Salmanov, M. A., 1999. *Ecology and biological productivity of the Caspian Sea*. Institute of Zoology, Baku, Azerbaijan.
- SAUP (Sea Around Us Project), 2006. <http://www.searoundus.org>.
- Scientific, Technical and Economic Committee for Fisheries (STECF) of the European Commission, 2006. Report of the STECF, Review of scientific advice for 2007, part 1, *Advice on deepwater resources and stocks in the Baltic sea*. STECF-SGRST-06, Brussels, 14–16 June 2006. <http://stecf.jrc.ec.eu.int/meetings/sgrst/0606/report.pdf>.
- SeaWiFS (Sea-viewing Wide Field-of-view Sensor). <http://oceancolor.gsfc.nasa.gov/SeaWiFS/>.
- Sheppard, C., 2006. Trawling the sea bed. Editorial, *Mar. Poll. Bull* 52 (2006), 831–835.
- Shiganova, T.; Filippov, A. A. and Panov, V., 2006. *Trends in the European Caspian Sea alien species*. SEBI 2010 workshop, Athens, 27–28 June 2006.
- Shiganova, T. A. and Bulgakova, Y. V., 2000. Effects of gelatinous plankton on Black Sea and Sea of Azov fish and their food resources. *ICES J. Mar. Sci.* 57: pp. 641–648.
- Shiganova, T. A.; Kamakin, A. M.; Ushivtzev, V. B. and Zhukova, O., 2001. New invasion of *ctenophore Mnemiopsis* in the Caspian Sea, *Oceanology*, v. 41, n.4, 542–549.
- Streftaris, N.; Zenetos, A. and Papatthanassiou, E., 2005. Globalisation in marine ecosystems: the story of non-indigenous marine species across European Seas. *Oceanography and Marine Biology: An annual review*, 43, 419–453.
- Streftaris, N. and Zenetos, A., 2006. Alien Marine Species in the Mediterranean — the 100 'Worst Invasives' and their impact, *Mediterranean Marine Science*, volume 7-1 2006, 87–118.
- TACIS-CEP, 2001. *State and Challenges of the Marine and Coastal Environment of the Caspian Sea* (Transboundary Diagnostic Analysis). Tacis-Caspian Environment Programme.
- Ten Hallers-Tjabbes, C.; Kemp, J.; Boon, J., 1994. Imposex in whelks (*Buccinum undatum*) from the open North Sea: Relation to shipping traffic intensities, *Marine Pollution Bulletin*, 28:311–313.
- UNDP (United Nations Development Programme), 2005. *Conservation and sustainable use of biodiversity in the Dalmatian coast through greening coastal development*. Government of Republic of Croatia, UNDP, GEF, Zagreb, pp. 181.
- UNECE (United Nations Economic Commission for Europe), 2003. *Environmental partnerships in the UN ECE region: Environmental strategy for countries of Eastern Europe, Caucasus and central Asia*. Document ECE/CEP/105/Rev.1.
- UNECE (United Nations Economic Commission for Europe), 2006. *Espoo Inquiry Commission Report On The Likely Significant Adverse Transboundary On The Likely Significant Adverse Transboundary Impacts Of The Danube — Black Sea Navigation Route At The Border Of Romania And The Ukraine*. <http://www.unece.org/env/eia/documents/inquiry/Final%20Report%2010%20July%202006.pdf>.
- UNEP (United Nations Environment Programme), 2002. *Europe Regional Report, Regionally Bases Assessment of Persistent Toxic Substances*, December 2002. <http://recetox.muni.cz/sources/unep/Europe%20full%20report.pdf>.

- UNEP (United Nations Environment Programme), 2004a. Global International Waters Assessment, GIWA Regional assessment 13, *Faroe Plateau*, November 2004. Pedersen, S. A.; Madsen, J. and Dyhr-Nielsen, M., University of Kalmar, Sweden.
- UNEP (United Nations Environment Programme), 2004b. Global International Waters Assessment, GIWA Regional assessment 11, *Barents Sea*. Matishov, G., Golubeva, N., Titova, G., Sydnes, A. and Voegelé, B., University of Kalmar, Sweden.
- UNEP (United Nations Environment Programme), 2005a. Global International Waters Assessment, GIWA Regional assessment 1a, *Russian Arctic*. Tsyban, A. V.; Titova, G. D.; Shchuka, S. A.; Ranenko, V. V. and Izrael, Y. A., University of Kalmar, Sweden.
- UNEP (United Nations Environment Programme), 2005b. Global International Waters Assessment, GIWA Thematic Report, *Transboundary Waters in the Black Sea-Danube region; Legal and financial implications*. Paleari, S.; Heinonen, P.; Rautalahti-Miettinen, E. and Daler, D., August 2005, University of Kalmar, Sweden.
- UNEP (United Nations Environment Programme), 2006. Global International Waters Assessment, GIWA Regional assessment 23, *Caspian Sea*. Stolberg, F.; Borysova, O.; Mitrofanov, I.; Barannik, V. and Eghtesadi, P., GIWA Regional assessment, University of Kalmar, Sweden.
- UNEP/CBD, 2006. *Invasive alien species*. <http://www.biodiv.org/programmes/cross-cutting/alien/default.aspx>.
- UNEP/GRID, 2002. *Caucasus Environment Outlook*. http://www.grid.unep.ch/product/publication/CEO-for-Internet/CEO/ch2_5_1.htm.
- UNEP/GRID-Arendal, 2002. *Caspian Environment — Decline in Environmental quality*. http://enrin.grida.no/caspian/priority_issues/env_quality/oil_gas.htm.
- UNEP/GRID-Arendal, 2006. *Vital Caspian Graphics — Challenges beyond caviar*, April 2006. <http://www.grida.no/products.aspx?m=23&amid=69>.
- UNEP/GRID-Europe, 2006. *Illegal oil discharge in European Seas*. Environment Alert Bulletin 7, February 2006.
- UNESCO-MAB, 2005. Biosphere Reserves Directory. <http://www2.unesco.org/mab/br/brdir/directory/biores.asp?mode=all&code=ROM-UKR+01>.
- UNFCCC (United Nations Framework Convention on Climate Change), 2006. Consideration of carbon capture and storage as clean development mechanism project activities, Bonn, 22 May 2006. Workshop working paper. http://unfccc.int/files/meetings/workshops/other_meetings/application/pdf/ccs_party_submission.pdf.
- Viitasalo, M. I.; Vuorinen, I. and Saesmaa, S., 1995. Mesozooplankton dynamics in the northern Baltic Sea: implications of variations in hydrography and climate, *J. Plankton Res.* 17: 1857–1878.
- Vuorinen, I.; Hänninen, J.; Viitasalo, M.; Helminen, U. and Kuosa, H., 1998. Proportion of copepod biomass declines together with decreasing salinities in the Baltic Sea. *ICES, J. Mar. Sci.* 55: 767–774.
- Wetlands International, 2003a. *Directory of Azov-Black sea coastal wetlands: revised and updated*. Kyiv: Wetlands International.
- Wetlands International, 2003b. *Black Sea Wetlands Conservation Priorities*. Kyiv: Wetlands International.
- Worm, B.; Barbier, E. B.; Beaumont, N.; Duffy, J. E.; Folke, C.; Halpern, B. S.; Jackson, J. B. C.; Lotze, H. K.; Micheli, F.; Palumbi, S. R.; Sala, E.; Selkoe, K. A.; Stachowicz, J. J.; Watson, R., 2006. Impacts of Biodiversity Loss on Ocean Ecosystem Services. *Science*, 3 November 2006, vol 314, no. 5800, pp. 787–790.
- WWF (World Wildlife Fund for Nature), 2003. *Food for thought: the use of marine resources in fish feed*. WWF-Norway, Report2/3, February 2003. <http://assets.panda.org/downloads/foodforthoug.pdf>.
- WWF (World Wildlife Fund for Nature), 2004. Report: *The Barents Sea cod — The last of the large cod stocks*. http://assets.panda.org/downloads/wwf_codreport_2004.pdf
- WWF (World Wildlife Fund for Nature), 2005. Report: *Vulnerability assessment of the North East Atlantic Shelf Marine Ecoregion to Climate Change*, 79 pp. <http://assets.panda.org/downloads/climatechangeandseas01.pdf>.
- WWF (World Wildlife Fund for Nature), 2006a. Report: *The plunder of bluefin tuna in the Mediterranean and East Atlantic in 2004 and 2005 — Uncovering the real story*. http://assets.panda.org/downloads/wwfbftreportfinalaeditionreducido_final.pdf.
- WWF (World Wildlife Fund for Nature), 2006b. Report: *Fish dish — Exposing the unacceptable face of seafood*. <http://assets.wwf.ch/downloads/fishdishreportfinal150906.pdf>
- WWF (World Wildlife Fund for Nature), 2006c. Press release: *EU Fisheries Council pushes for the failure of the Common Fisheries Policy*, 21 Nov 2006. http://www.panda.org/about_wwf/what_we_do/marine/news/index.cfm?uNewsID=87700.
- Zaika, V. E, 2006. Some Sings of the Ecosystem recovery In the Crimean part of the Black Sea (1998–2005), presentation made at the First BSC Scientific Conference on the Black Sea: 'Black Sea Ecosystem 2005 and Beyond', 8–10 May 2006, Istanbul.
- Zaitzev, Yu. P. and Mamaev, V., 1997. *Biological diversity in the Black Sea — a study of change and decline*, GEF, Black Sea Environmental Series, vol. 3, 208 pp.
- Zenetos, A.; Çinar, M. E., Pancucci-Papadopoulou, M. A.; Harmelin, J. G.; Furnari, G.; Andaloro, F.; Bellou, N.; Streftaris, N. and Zibrowius, H., 2005/2006. *Annotated list of marine alien species in the Mediterranean with records*.

Chapter 6 Sustainable production and consumption

Abramov, N. F., 2004. *Waste Management and Recycling Market in Russia*. Dr. Nikolai F. Abramov, Russian Academy of Municipal Infrastructure. <http://www.sibico.com/waste-tech/2005/?content=dynamic/viewnews&IDNews=6>.

Bartiaux, F., 2006. *Do Information and Awareness Work?* Proceedings of Workshop 'Perspectives on Radical Changes to Sustainable Consumption and Production' (SCORE), Copenhagen, 20–21 April 2006.

- Basel Convention, 2006. *Website of the Basel Convention*, national reporting. <http://www.basel.int/natreporting/index.html>.
- Blisard, N.; Lin, B. H.; Cromartie, J. and Ballenger, N., 2002. *America's Changing Appetite: Food Consumption and Spending to 2020*. USDA/ERS Food Review vol 25 1 pp. 2-10.
- Bosna-S Consulting, 2006. Information given by Bosna-S Consulting, U1, Nova 26, 71000 Sarajevo, Bosnia and Herzegovina.
- Csagoly, P., 1999. 'Panel Buildings', in *The Bulletin*, the quarterly magazine of the Regional Environmental Center for Central and Eastern Europe, Vol. 8, No 3, 1999.
- CENef (Center for Energy Efficiency), 2001. *Case Studies of Successful and Replicable Success Stories of Energy Efficiency Programs on the Municipal Level*. Center for Energy Efficiency, Moscow.
- CEPI (Confederation of European Paper Industries), 2004. *Annual Statistics 2004*. Confederation of European Paper Industries, 2006. <http://www.cepi.org/files/AS%2004%20Booklet-144956A.pdf>.
- Cherp, A. and Mnatsakanian, R., 2003. *Environmental degradation in Eastern Europe, Caucasus and Central Asia: past roots, present transition and future hopes*. Department of Environmental Sciences and Policy, Central European University, Budapest. <http://www.ceu.hu/envsci/aleg/research/EnvDegradationEastEurope090903.pdf>.
- CISSTAT (Interstate Statistical Committee of the Commonwealth of Independent States), 2006. Database of CISSTAT. www.cisstat.com.
- Dall, O.; Toft, J. and Andersen, T. T., 2002. *Danske Husholdningers Miljøbelastning* (Danish households' environmental impact). Danish EPA, Copenhagen.
- DEPA (Danish Environmental Protection Agency), 2006. *Landfill Gas Capturing and Utilization in Bishkek, Kyrgyzstan*. <http://www.mst.dk/transportuk/DC/Bishkek%20PDD%20ver%202.2.pdf>.
- DTI (Department of Trade and Industry), 2005. *Energy — Its Impact on the Environment and Society*. UK Department of Trade and Industry, London.
- DTI (Department of Trade and Industry), 2006. *The Energy Challenge*. The Energy Review Report 2006, Department of Trade and Industry, London.
- EBRD (European Bank for Reconstruction and Development), 2005. *Sustainability Report 2004: Investing and working responsibly for a sustainable future*. European Bank for Reconstruction and Development.
- Ecocentre, Moscow, 2006. <http://www.ecocentr.com/> and telephone interview with the company, May 2006 and e-mailed information, June 2006.
- EEA (European Environment Agency), 2005a. *Sustainable use and management of natural resources*. EEA Report No 9/2005 http://reports.eea.europa.eu/eea_report_2005_9/en. EEA, Copenhagen.
- EEA (European Environment Agency), 2005b. *Household consumption and the environment*. EEA Report No 11/2005. EEA, Copenhagen.
- Enerdata, 2005. *Energy Efficiency in Europe*, CD-ROM, energy efficiency and consumption data for EU-25.
- Enerdata, 2006. *Energy Efficiency Indicators*, CD-ROM, energy efficiency and consumption data for EU-15.
- Environment People Law, 2006. *Prevention of import and further incineration of hazardous wastes (acid tar)*. http://www.epl.org.ua/a_cases_Gudrony.htm.
- EEA, ETC/RWM, 2006a. *Environmental Input-Output Analyses based on NAMEA data — A comparative European study on environmental pressures arising from consumption and production patterns*. European Topic Centre for Resource and Waste Management Technical Report.
- EEA, ETC/RWM, 2006b. *European Topic Centre on Resource and Waste Management's electronic waste database*. <http://waste.eionet.europa.eu/wastebase>.
- EEA, ETC/RWM calculations, 2006c. *Outlooks of waste diverted away from landfills in the EU-15*. More detailed explanation of the calculation can be found on Circa.
- EEA, ETC/RWM, 2006d. *Review of waste management planning in EEA member countries (working paper, not published yet)*.
- EEA, ETC/RWM, 2006e. *Paper prepared by Matti Viisimaa, Estonian Environment Information Centre partner in the ETC/RWM*.
- EEA, ETC/RWM, 2007. *European Topic Centre on Resource and Waste Management, Environmental outlooks: municipal waste, 2007*. ETC/RWM Working paper 1/2007. <http://waste.eionet.europa.eu/publications>.
- European Commission, 2003. *Communication from the Commission to the Council and the European Parliament — Integrated Product Policy*. COM(2003)302 final.
- European Commission, 2006. *Environmental Impact of Products (EIPRO), Analysis of the life cycle environmental impacts related to the final consumption of the EU-25*. Main report. IPTS/ESTO.
- European Commission, DG Environment, 2006. *EU Member States reports on shipment of waste according to Council Regulation (EEC) No 259/93*.
- European Commission, DG Joint Research Centre (DG JRC) — Institute for Prospective Technological Studies, 2006a. *Environmental Impact of Products (EIPRO) — Analysis of the life cycle environmental impacts related to the final consumption of the EU-25*. Authors: Arnold Tukker, Gjalt Huppes, Jeroen Guinée, Reinout Heijungs, Arjan de Koning, Laurant van Oers, Sangwon Suh, Theo Geerken, Mirja Van Holderbeke, Bart Jansen, Per Nielsen; Editors: Peter Eder and Luis Delgado. Technical Report EUR 22284 EN, European Communities, 2006. <http://www.jrc.es/home/pages/detail.cfm?prs=1429>.
- European Commission, 2007a. *EMAS Statistics Evolution of Organisations and Sites Quarterly Data 20/02/07*. http://ec.europa.eu/environment/emas/pdf/5_5articles_en.pdf.

- European Commission, 2007b. *Ecolabel Marketing Statistics*. http://ec.europa.eu/environment/ecolabel/marketing/statistics_en.htm.
- European Commission, 2007c. Mid-term review of the Sixth Community Environment Action Programme.
- European Council, 2006. *Review of the EU Sustainable Development Strategy (EU SDS) — Renewed Strategy*. Council Doc 10117/06, Brussels. <http://register.consilium.europa.eu/pdf/en/06/st10/st10117.en06.pdf>.
- Eurostat, 2004. *Economy-wide Material Flow Accounts and Indicators of Resource Use for the EU-15: 1970–2001*. Series B. Prepared by Helga Weisz, Chistof Amann, Nina Eisenmenger, Fridolin Krausmann. June 2004.
- Eurostat, 2005. External Trade Database, COMEXT. <http://fd.comext.eurostat.cec.eu.int/xtweb>.
- Eurostat, 2007a. *Long term indicators*. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=1996,45323734&_dad=portal&_schema=PORTAL&screen=welcomeref&open=/C/C5/C51&language=en&product=Yearlies_new_population&root=Yearlies_new_population&scrollto=621.
- Eurostat, 2007b. Environment and energy database. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=0,1136239,0_45571447&_dad=portal&_schema=PORTAL.
- Eurostat, 2007c. Environmental Tax Data. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=1996,39140985&_dad=portal&_schema=PORTAL&screen=detailref&language=en&product=Yearlies_new_environment_energy&root=Yearlies_new_environment_energy/H/H1/H14/ddc18192.
- Eurostat, 2007d. *Structural indicators (Municipal waste generated)*. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=1996,39140985&_dad=portal&_schema=PORTAL&screen=detailref&language=en&product=STRIND&root=STRIND/strind/enviro/en051.
- Eurostat, 2007e. *Environment and Energy, Waste and Waste Statistics Regulation*. http://epp.eurostat.ec.europa.eu/portal/page?_pageid=0,1136239,0_45571447&_dad=portal&_schema=PORTAL
- EVER Consortium, 2005. *The Ever Study: Eco Label Effectiveness: Preliminary Findings*. http://ec.europa.eu/environment/ecolabel/pdf/news/ever_interimreport.pdf.
- FAOSTAT, 2006. FAOSTAT Agriculture Data, Food and Agriculture Organisation of the United Nations. <http://apps.fao.org/>.
- GFN (Global Footprint Network), 2006. *Living Planet Report 2006*. Global Footprint Network, WWF and ZSL. http://www.panda.org/news_facts/publications/living_planet_report/lp_2006/index.cfm.
- Hertwich, 2003. *Consumption and the Rebound Effect — the Consideration of Information and Communication Technology*. Proceedings of the SETAC-ISIE Case Study Symposium, Lausanne, 3–4 Dec 2003.
- IFOAM (International Federation of Organic Agriculture Movements), 2006. *The World of Organic Agriculture — Statistics and Emerging Trends 2006*. 8th Edition. International Federation of Organic Agriculture Movements, Bonn.
- IISI (International Iron and Steel Institute), 2006. *Annual Statistics*. <http://www.worldsteel.org/>.
- Iliychev, V. A.; Matrosov, A. Y. and Osipov, G. L., 2005. *Energy Future of Construction Complex in Russia*. Bulletin of Construction Technique: No 8, 2005.
- Kiev Weekly, 2006. *Waste not, want not!* <http://www.kyivweekly.com/?art=1153857406>.
- Kilbinger, S. S., 2007. Russia's Commercial Real Estate Gains Allure Nation's Retail Sector Helps Steal Investors Away From Neighbors. *The Wall Street Journal*, 21 February 2007. www.usrussiaintrade.org/admin_download.php?f=2007-02-21_Russia_Commercial_Real_Estate_Gains_Allure.pdf.
- Kok, R.; Falkena, H. J.; Benders, R. M. J.; Moll, H. C. and Noorman, K. J., 2003. *Household Metabolism in European Countries and Cities*. Centre for Environmental and Energy Studies.
- Kristensen, P., 2004. *Household Consumption of Food and Drinks*. Background paper for the European Environment Agency. Danish National Environmental Research Institute, Roskilde.
- Labouze, E.; Monier, V. and LeGuern, Y., 2003. *Study on External Environmental Impacts Related to the Life Cycle of Products and Services*. BIO Intelligence Services/O2, Paris.
- Lampietti, J. A. and Meyer, A. S., 2002. *Coping with the Cold: Heating Strategies for Eastern Europe and Central Asia's Urban Poor*. World Bank Report.
- Leishout, M. van; Rijkens-Klomp, N. and Christensen, P., 2004. *Driving Forces behind Household Consumption*. Background paper for the EEA report on household consumption and the environment, International Centre for Integrative Studies (ICIS) and the Danish National Environmental Research Institute (NERI), Maastricht and Roskilde.
- Ministry of Environment and Physical Planning, Former Yugoslav Republic of Macedonia, Ozone Unit, 2006. <http://www.ozoneunit.gov.mk/eng/index.html>.
- Ministry of Environment, Republic of Moldova, 2007. Information sent to the EEA during the review process of the draft chapter, January 2007.
- Moll, S.; Acosta, J. and Villeneuve, A., 2004. *Environmental Implications of Resource Use — Insights from Input Output Analyses*. European Topic Centre for Resource and Waste Management, Copenhagen.
- Moll, S.; Vrgoc, M.; Watson, D.; Femia, A.; Gravgård Pedersen, O., 2006. Environmental Input-Output Analyses based on NAMEA data — A comparative European study on environmental pressures arising from consumption and production patterns. Draft ETC/RWM Working Paper. http://eea.eionet.europa.eu/Public/irc/eionetcircle/etc_waste/library?l=/namea_report&vm=detailed&sb=Title, European Topic Centre for Resource and Waste Management, Copenhagen.
- MOSUS, 2006. MOSUS-project material input data set. http://www.materialflows.net/index.php?option=com_content&task=view&id=26&Itemid=41.

- Nemry, F.; Thollier, K.; Jansen, B. and Theunis, J., 2002. *Identifying Key Products for the Federal Product & Environment Policy — Final Report*. ASBL/VITO, Belgium.
- Nielsen, A. C., 2005. *Svanen og Blomsten bider sig fast*. In Danish. <http://www.ecolabel.dk/presse/pressemeddelelser/PM+om+markedsandelanalyse.htm>.
- Nijdam and Wilting, 2003. *Environmental Load due to Private Consumption*. Bilthoven, Netherlands.
- Norwegian Ministry of Environment, 1994. *Sustainable Consumption Report of International Symposium on Sustainable Consumption* held in Oslo, Norway, 19–20 January 1994. Norwegian Ministry of Environment, Oslo, Norway.
- Novaya Gazeta, 2004. *Poisonous Business*. Novaya Gazeta, No 8, 218, 2004. <http://novaia gazet a.org.ru>.
- Nubarashen Landfill Gas Capture and Power Generation Project in Yerevan, 2005. http://www.nature-ic.am/News/Nubarashen/PDD_Nubarashen.pdf.
- OECD/IEA (Organisation for Economic Cooperation and Development/ International Energy Agency), 2004. *Coming in from the Cold — Improving District Heating Policy in Transitional Economies*. Joint report of the International Energy Agency and Organisation for Economic Co-operation and Development.
- OECD/IEA (Organisation for Economic Cooperation and Development/ International Energy Agency), 2007. *Standby Power Use and the IEA '1-watt Plan'*. Article in IEA website. <http://www.iea.org/Textbase/subjectqueries/standby.asp>
- OECD (Organisation for Economic Cooperation and Development), 2001. *Environmentally Related Taxes in OECD Countries: Issues and Strategies*. Organisation for Economic Cooperation and Development, Paris.
- Press Service of the Russian Federation Ministry of Natural Resources, 29 May 2003: 'Waste Issue in Russia'. <http://www.sibico.com/waste-tech/2005/?content=dynamic/viewnews&IDNews=11>.
- Røpke, I., 2001. The Environmental Impact of Changing Consumption Patterns: a survey. *International Journal of Environment and Pollution*, Vol 15:2 pp. 127–145.
- Simeunovic, 2006. Personal interview with Mr Vukadin Simeunovic, Technical Director of the district heating company Kraljevo, Serbia.
- Skovgaard, M.; Moll, S.; Møller Andersen, F.; Larsen, H., 2005. Outlook for waste and material flows — Baseline and alternative scenarios. ETC/RWM working paper 2005/1, European Topic Centre on Resource and Waste Management, Copenhagen. http://waste.eionet.europa.eu/publications/wp1_2005.
- SOE (State of the Environment), the Russian Federation, 2004. *State of the Environment in Russia, 2004*. Ministry of Natural resources of the Russian Federation. <http://www.mnr.gov.ru/part/?pid=397>.
- Steg, L., 2006. Transport Behaviour and Environmental Policy. Presentation to the OECD Workshop on Household Behaviour and Environmental Policy. 15–16 June 2006, Paris.
- Svinhufvud, F., 2005. Tetrapak, Ukraine. Presentation given to Eastern European Business Forum. 13–14 October 2005, Stockholm.
- Telephia, 2006. European Subscriber and Device Report Q1. <http://www.telephia.com/documents/EuroDeviceReplacementReleaseQ1065.8.06FINAL.pdf>.
- Ukraine, 2006. 'UkrWaste' — Ukraine's portal on municipal solid waste management. http://www.ukrwaste.com.ua/engcontent/s3/dat_sum.html.
- UN (United Nations), 2006. 'Survey of waste generation in the EECCA and SEE countries 2006', United Nations Statistical Department (not published yet).
- UNDP (United Nations Development Programme), 2004. *Energy Efficiency Strategy to Mitigate GHG Emissions — Energy Efficiency Demonstration Zone on the City of Gabrovo, Republic of Bulgaria*. Final Project Evaluation Report.
- UNDP (United Nations Development Programme), Government of Kazakhstan and Global Environment Facility, 2006. *Removing Barriers to Energy Efficiency in Municipal Heat and Hot Water Supply*. UNDP Project Document.
- UNECE (United Nations Economic Commission for Europe), 2006. *The Millennium development goals — the way ahead — A Pan-European perspective*. The United Nations' Economic Commission for Europe, Geneva, 2006. http://www.unece.org/commission/2006/MDG_Report.pdf.
- UNECE (United Nations Economic Commission for Europe), 2007. Environmental Performance Reviews series. The United Nations' Economic Commission for Europe, Geneva, 2007 and earlier years. http://www.unece.org/pub_cat/topics/env.htm#_edn4.
- UNEP (United Nations Environment Programme), 2006. *Assessment Reports on Priority Ecological Issues in Central Asia*, Ashgabat 2006.
- UNEP/EEA, 2007. 'Sustainable Consumption and Production in EECCA and SEE Countries' forthcoming report. United Nations Environment Programme, Geneva and European Environment Agency, Copenhagen.
- US Geological Survey, 2004. *The Minerals Industries of Europe and Central Eurasia*. In: US Geological Survey: US Geological Survey Minerals Yearbook 2004. On-line publication <http://minerals.usgs.gov/minerals/pubs/country/europe.html>.
- Van der Voet, E.; van Oers, L.; Moll, S.; Schütz, H.; Bringezu, S.; de Bruyn, S.; Sevenster, M.; Warringa, G., 2004. *Policy Review on Decoupling: Development of indicators to assess decoupling of economic development and environmental pressure in the EU-25 and AC-3 countries*. CML report 166, Leiden. Institute of Environmental Sciences (CML), Leiden University — Department Industrial Ecology. www.leidenuniv.nl/cml/ssp/http://www.leidenuniv.nl/interfac/cml/ssp/projects/dematerialisation/policy_review_on_decoupling.pdf.
- Vendina, O., 2007. *A Development Strategy for Russia's Largest Cities*. Russia in Global Affairs. No 1, January–March 2007. <http://eng.globalaffairs.ru/numbers/18/1092.html>.

WasteTech, 2005. The 4th International Trade Fair and Congress for Waste Management and Recycling Industry will be held in Moscow between 31 May v 3 June 2005. <http://www.sibico.com/waste-tech/2005/>.

Weidema, B., Nielsen, A. M., Christiansen, K., Morris, G., Notten, P., Suh, S. and Madsen, J., 2005. *Prioritisation within the Integrated Product Policy*. Environmental Project No 980, Danish Ministry of the Environment, Copenhagen.

Woods, M., 2005. *Pulling the Plug on Electricity Leaks*. Article in Pittsburgh Post Gazette, 8 May 2005. <http://www.post-gazette.com/pg/05128/500530.stm>.

World Bank, 2005. *World Development Indicators 2005*. World Bank, Washington DC.

World Bank, 2006. <http://www.worldbank.org.uz/WBSITE/EXTERNAL/COUNTRIES/ECAEXT/UZBEKISTANEXTN/0,,contentMDK:20207438~pagePK:141137~piPK:141127~theSitePK:294188,00.html>.

World Trade Organization — WTO, 2006. *International Trade Statistics 2006*. WTO, Geneva. http://www.wto.org/english/res_e/statis_e/statis_e.htm.

World Bank, 2007. *World Development Indicators 2006*. World Bank, Washington DC.

WTO, 2006. World Tourism Organization Tourism Indicators — International Tourist Expenditure. <http://www.world-tourism.org/facts/eng/pdf/indicators/ITE.pdf>.

Wuppertal Institute, 2005. Material Flows database drawing on several sources (unpublished).

Chapter 7 Sectors that drive environmental change

Section 7.0 Introduction

European Commission, 2005. European Commission COM(2005)97 final. *Communication from the Commission to the Council and the European Parliament. Better regulation for growth and jobs in the European Union*. http://europa.eu.int/eur-lex/lex/LexUriServ/site/en/com/2005/com2005_0097en01.pdf.

UNECE (United Nations Economic Commission for Europe), 2003. *Declaration by the Environmental Ministers of the region of the United Nations Economic Commission for Europe (UNECE)*, ECE/CEP/94/Rev.1. [http://www.unece.org/env/proceedings/files.pdf/Item%2014\\$15/14&15Documents/ece.cep.94.rev.1.e.pdf](http://www.unece.org/env/proceedings/files.pdf/Item%2014$15/14&15Documents/ece.cep.94.rev.1.e.pdf).

Stern, N., 2006. *The Economics of Climate Change, 2006*. Report produced for the UK Government. http://www.hm-treasury.gov.uk/independent_reviews/stern_review_economics_climate_change/stern_review_report.cfm.

Section 7.1 Agriculture

Behrend/EuroCat, 2004. *Past, present and future changes in catchment fluxes*. Deliverable 4.4 of the EuroCat project.

EEA (European Environment Agency), 2003. *Europe's environment: the third assessment*. Environmental assessment report No 10. EEA, Copenhagen.

EEA (European Environment Agency), 2004a. *Agriculture and the Environment in EU accession countries*. Environmental issue report No 37. EEA, Copenhagen.

EEA (European Environment Agency), 2004b. *Greenhouse gas emission trends and projections in Europe 2004*. EEA Report No 5/2004. EEA, Copenhagen.

EEA (European Environment Agency), 2005a. *European environment outlook 2005*. EEA Report No 4/2005. EEA, Copenhagen.

EEA (European Environment Agency), 2005b. *Source apportionment of nutrients in Europe*. EEA Technical Report No 7/2005. EEA, Copenhagen.

EEA (European Environment Agency), 2005c. *Agriculture and environment in EU-15 — the IRENA indicator report*. EEA Report No 6/2005. EEA, Copenhagen.

EEA (European Environment Agency), 2006. *Integration of environment into EU agriculture policy — the IRENA indicator-based assessment report*. EEA Report No 2/2006. EEA, Copenhagen.

EFNCP (European Forum on Nature Conservation and Pastoralism), 2005. *Can High Nature Value farming in Europe's marginal areas be socially sustainable — The 9th European Forum on Nature Conservation and Pastoralism*. Held in Pamporovo, Bulgaria, September 2005. <http://www.efncp.org/base.php?act=2>

FAO (Food and Agriculture Organisation). Agriculture database. <http://apps.fao.org/page/collections?subset=agriculture>.

Heath, M. and Tucker, G., 1994. *Birds in Europe: their conservation status*. BirdLife. Cambridge.

Nagy, S., 2002. *The status of biodiversity on farmland in Europe (birds)* — for the high level pan-European conference on agriculture and biodiversity. Paris, 5–7 June 2002.

OECD (Organisation for Economic Cooperation and Development), 2007. *Policies for a Better Environment — Progress in Eastern Europe, Caucasus and Central Asia*. Paris.

Petersen, J-E. and Wiesenthal, T., 2007. *Approaches to analysing the environmental impact of bioenergy production*. Paper presented to the OECD workshop on bioenergy policy, Umeå, Sweden, January 2007. Organisation for Economic Cooperation and Development. Paris.

Prishchepov, A. V.; Alcantara, P. C. and Radeloff, V. C., 2006. *Monitoring agricultural land abandonment in Eastern Europe with multitemporal MODIS data products*. <http://cires.colorado.edu/~oliverf/aag/2006/abstracts/ap.htm>.

UNECE (United Nations Economic Commission for Europe), 2000. *Environmental Performance review — Kazakhstan*. <http://www.unece.org/env/epr/studies/kazakhstan/welcome.htm>.

UNECE (United Nations Economic Commission for Europe), 2003. *Environmental Performance review — Azerbaijan*. <http://www.unece.org/env/epr/studies/azerbaijan/welcome.htm>.

- World Bank, 2003. *Irrigation in Central Asia — Social, economic and environmental considerations*. www.worldbank.org/eca/environment.
- World Bank, 2007. *Mainstreaming Environment in the Agriculture and Forestry Sectors in Eastern Europe, Caucasus and Central Asia*. www.worldbank.org/eca/environment.
- WWF (World Wildlife Fund for Nature), 1999. *The impact of cotton on freshwater resources and ecosystems* — background paper, a preliminary synthesis. WWF–Switzerland.
- WWF (World Wildlife Fund for Nature), 2006. *High Nature Value farming in the Western Balkans*. Final report of a Workshop on 2–3 February 2006, Belgrade. WWF Danube-Carpathian Programme. http://www.unep.ch/roe/programme_biodiv.htm.
- ### Section 7.2 Transport
- ADB (Asian Development Bank), 2006. <http://www.adb.org/Carec/transportation.asp>.
- Danmarks Statistik, 2005. *Transport 2005*. <http://www.dst.dk/>.
- EBRD (European Bank for Reconstruction and Development), 2005. *EBRD investments 1991–2004, 2005*. London. <http://www.ebrd.com>.
- European Commission, 2006a. Communication from the Commission to the Council and the European Parliament entitled *Implementing the Community strategy to reduce CO₂ emissions from cars — Sixth annual communication on the effectiveness of the strategy*, COM(2006)463 final. European Commission, 2006.
- European Commission, 2006b. Communication from the Commission to the Council and the European Parliament entitled *Keep Europe moving — Sustainable mobility for our continent. Mid-term review of the European Commission's 2001 Transport White Paper*, COM(2006)314 final. European Commission, 2006.
- ECMT (European Conference of Ministers of Transport), 2006a. *Trends in the Transport Sector: 1970–2004*, European Conference of Ministers of Transport, 2006 (downloaded from EEA data service).
- ECMT (European Conference of Ministers of Transport), 2006b. *Road Safety Performance National Peer Review: Russian Federation*.
- EEA (European Environment Agency), 2007. *TERM 2006 report* and underlying fact sheets. EEA, Copenhagen.
- EEA (European Environment Agency), 2007b. *Size, structure and distribution of transport subsidies in Europe*. EEA, Copenhagen.
- Fulton, 2004. *IEA/SMP Model Documentation and Reference Case Projection*.
- GTZ (Deutsche Gesellschaft für Technische Zusammenarbeit GmbH), 2005. *International Fuel prices 2005*, Deutsche Gesellschaft für Technische Zusammenarbeit GmbH, 2005 (downloaded from EEA data service).
- IEA (International Energy Agency), 2006. *Energy balances OECD countries* (2006 edition) and *Energy balances non-OECD countries* (2006 edition), IEA Paris, 2006 (downloaded from EEA data service).
- INFRAS, 2004. *External costs of transport — update study*. Final report. Zürich/Karlsruhe, October 2004.
- Klein, L., Estonian Information Center, 2007. Compiled by Lauri Klein, Estonian Information Center based on information available from the Estonian Land Board. <http://www.maaamet.ee>.
- Mirko Radovanac, 2006. Personal communication from Mirko Radovanac, Belgrade, 2006.
- OECD (Organisation for Economic Cooperation and Development), 2000. *Environmentally sustainable transport in the CEI countries in transition — final report*. Working party on pollution prevention and control. OECD, 2000.
- OECD (Organisation for Economic Cooperation and Development), 2003. *External costs of transport in central and eastern Europe — final report*. Working party on pollution prevention and control. OECD, 2003.
- OECD (Organisation for Economic Cooperation and Development), 2003b. *The use of economic instruments for pollution control and natural resource management in EECCA*. Task Force for the Implementation of the Environmental Action Programme for Central and Eastern Europe (EAP), 10–11 February. Tbilisi, Georgia.
- REC (Regional Environmental Centre), 2005. *Country fuel and vehicle survey*. Presentations to Conference on Clean Fuels and Vehicles. Szentendre, Hungary, 27–28 October 2005. www.rec.org.
- Sepp, K.; Jagomägi, J.; Kaasik, A.; Gulbinas, Z.; Nikodemus, O., 2001. *National Ecological Networks in the Baltic Countries*. In: Hedegaard, L. and Lindström, B. (eds), *North European and Baltic Sea Integration Yearbook 2002*.
- TE (European Federation for Transport and Environment), 2006. *EU Climate Policy for Passenger Cars*. Background briefing. European Federation for Transport and Environment, 2006.
- TREMOVE, 2006. <http://www.tremove.org>.
- UNDP/World Bank, 2001. *Cleaner transport fuels for cleaner air in central Asia and the Caucasus*. UNDP and World Bank, August 2001.
- UNECE (United Nations Economic Commission for Europe), 2003a. *Report on air emissions inventory and atmospheric air pollution monitoring and modelling in Kazakhstan*. UNECE in co-operation with Kazhydromet, Almaty, 2003.
- UNECE (United Nations Economic Commission for Europe), 2005. *Statistics of road traffic accidents in Europe and North America, 2005*.
- UNECE (United Nations Economic Commission for Europe), 2006. *Annual Bulletin of transport statistics for Europe and North America, 2006* (downloaded from EEA data service).

UNEP (United Nations Environment Programme), 2007. *Central and Eastern Europe + Central Asia lead matrix, Central and Eastern Europe & Caucasus/Central Asia Sulphur Levels in Fuel*. Partnership for Clean Fuels and Vehicles United Nations Environment Programme.

World Bank, 2005. *World Development Indicators 2005: GDP (PPP, 2000 constant prices) and population* (downloaded from EEA data service).

Section 7.3 Energy

British Petroleum, 2005. *Baku-Ceyhan-Tbilisi Pipeline Social and Environmental Action Plan Operations*, BP, London.

CENef (Center for Energy Efficiency), 2004. *National Inventory of Energy-Related Emissions of Greenhouse Gases in Russia*, Cenef, Moscow (with Northwest Pacific Laboratory USA).

Energy Charter Secretariat, 2002. *The Energy Charter Treaty – A Reader's Guide*. ECS, Brussels.

European Commission, 2004. *Third benchmarking report on the implementation of the internal electricity and gas market*, Draft Working Paper, DG Energy and Transport, Brussels.

European Commission, 2004. *A European Strategy for Sustainable, Competitive and Secure Energy*, Green Paper (SEC(2006)317), DG Energy and Transport, Brussels.

European Commission, 2006. *A European Strategy for Sustainable, Competitive and Secure Energy for Europe*, Green Paper, Brussels.

European Commission, 2006a. *Commission working document of 1 June 2004, 'Integrating environmental considerations into other policy areas – a stocktaking of the Cardiff process*, COM(2004)394, OJ 49/28 February 2006.

EEA (European Environment Agency), 2004. *Energy subsidies in the European Union, a brief overview*. EEA Technical Report No 1/2004. EEA, Copenhagen.

EEA (European Environment Agency), 2005. *The European environment – State and outlook 2005*. EEA, Copenhagen.

EEA (European Environment Agency), 2006. *How much bioenergy can Europe produce without harming the environment?* EEA Report No 7/2006. EEA, Copenhagen.

EEA (European Environment Agency), 2007. *EEA aggregated and gap filled air emission data (Belgrade report version)*, 2007, Data Services. EEA, Copenhagen.

European Policy Centre, 2005. *EU Russia energy relations: the need for active engagement*. EPC issue paper No 45, Brussels.

Government of the Russian Federation, 2003. *Energy Strategy of the Russian Federation for the Period up to 2020*. Ministry of Energy, Moscow.

IEA/UNEP (International Energy Agency/United Nations Environment Programme), 2004. *Energy Subsidies: Lessons Learned in Assessing their Impact and Designing their Reform*. Greenleaf Publishing, Sheffield.

Lampietti, J.; Kolb, A.; Gulyani, S. and Avenesyanyan, V., 2001. *Utility Pricing and the Poor: Lessons from Armenia*. World Bank Technical Paper No 497 (Washington, DC: The World Bank).

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2003. *World Energy Investment Outlook: 2003 Insights*. OECD/IEA, Paris.

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2004. *The Impact of High Oil Prices on the Global Economy*, Economic Analysis Division Working Paper. May, OECD/IEA, Paris.

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2004. *Electricity Sector Reform in Russia*. OECD/IEA, Paris.

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2006a. *IEA Data Services* © OECD/IEA, 2006. *Extended Energy Balances of OECD Countries and Non-OECD Countries* (2006 edition), Total Primary Energy Supply and Elect. Output in GWh, as modified by the EEA.

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2006b. *World Energy Outlook 2006* © OECD/IEA, 2006, Reference Scenario: OECD Europe, Transition Economies and Russian Federation, pp. 504, 544, 546, as modified by the EEA.

OECD/IEA (Organisation for Economic Cooperation and Development/International Energy Agency), 2006c. *World Energy Outlook 2006* © OECD/IEA, 2006, Reference Scenario: OECD Europe, Transition Economies and Russian Federation, pp. 505, 545, 547, as modified by the EEA.

SEEA (Serbian Energy Efficiency Agency), 2005. *Serbian Energy Efficiency Project – Best Practice Examples*. SEA, Belgrade.

UNECE (United Nations Economic Commission for Europe), 2005. *Energy Efficiency Investment Project Development for Climate Change Mitigation*, UNECE, Geneva.

World Bank, 2007. *World Development Indicators on-line database*, World Bank.

WCI (World Coal Institute), 2004. *Clean-Coal – Building a Future Through Technology*. World Coal Institute, London.

Worldwatch Institute, 2005. *Renewables 2005 Global Status Report*. Worldwatch Institute, Washington.

Wuppertal Institute and Max Planck Institute for Chemistry, 2004. *Greenhouse Gas Emissions of Russian Natural Gas Export Pipelines – Summary Report*. Wuppertal Institute, Wuppertal.

Section 7.4 Tourism

COR (Committee of the Regions), 2006. *Sustainable Tourism as a factor of cohesion among European Regions*. Studies E-6/2006 by Progress Consulting S.r.l. Committee of the Regions, Brussels.

Community-based Tourism Development in Kyrgyzstan. Presentation by A. Orozobaeva at the Seminar on Policies, Strategies and Tools for the Sustainable Development of Tourism, Almaty, Kazakhstan, 26 April 2006.

- Development of rural regions of Kyrgyzstan through investments into community based tourism*. Presentation by D.Raeva, International Workshop, Dushanbe, Tajikistan, 6–10 June 2005.
- EEA (European Environment Agency), 2003. *State of Environment*, report No 1/2003. Chapter 2.7 Tourism. EEA, Copenhagen.
- EEA (European Environment Agency), 2006. *The changing faces of Europe's coastal areas*. EEA Report No 6/2006. EEA, Copenhagen.
- EUROCONTROL, 2006. *Low-Cost Carrier Market Update*, May 2006.
- European Commission, 2003. *Basic orientations for the sustainability of European tourism*. COM(2003)716 final. 21.11.2003.
- European Commission, 2006a. *A renewed EU Tourism Policy: towards a stronger partnership for European Tourism*. COM(2006)134 final. 17.03.2006.
- European Commission, 2006b. *Halting the loss of biodiversity by 2010 — and beyond. Sustaining ecosystem services for human well-being*. COM(2006)216 final.
- European Commission, 2006c. Green paper, *Towards a future Maritime Policy for the Union: a European vision for the oceans and seas*. COM(2006)275 final, Volume II Annex.
- European Commission, 2006d. Proposal for a Directive of the European Parliament and of the Council amending Directive 2003/87/EC so as to include aviation activities in the scheme for greenhouse gas emission allowance trading within the Community. Unofficial Advance Version.
- European Commission, DG Enterprise and Industry, 2007. http://ec.europa.eu/enterprise/services/tourism/tourism_satellite_account.htm.
- European Council, 1995. *Directive 95/57/EC on the collection of statistical information in the field of tourism*. Published on pages L 291/32–L 291/39 of the Official Journal of the European Communities.
- Eurostat, 2006. *Methodological work on measuring the sustainable development of tourism. Part 2: manual on sustainable development indicators of tourism. Working papers and studies*. Theme: Industry, trade and services. Office for Official Publications of the European Communities.
- Eurostat, 2006a. *How Europeans go on holiday. Statistics in focus 18/2006: Industry, trade and services — Population and social conditions*. Office for Official Publications of the European Communities.
- Eurostat, 2006b. <http://epp.eurostat.ec.europa.eu/>. Theme: Ando, A.; Caprio, E.; Rinaldi, E.; Ellena, I., 2007. The impact of high-altitude ski-runs on alpine grassland bird communities. *Journal of Applied Ecology*, Volume 44 Issue 1 Page 210. February 2007.
- Eurostat, 2007. News release *Air passenger transport up by 8.5 % in 2005*, No 11/2007, 19 January 2007.
- UNDP (United Nations Development Programme), 2007. *Environmental Policy in South East Europe*. Working Draft, February 5, 2007.
- UNECE (United Nations Economic Commission for Europe), 2004. *Environmental Performance Reviews — Tajikistan*. Committee on Environmental Policy, United Nations.
- UNEP (United Nations Environment Programme), 2004. *Freshwater in Europe*. Facts, figures and maps.
- UNEP (United Nations Environment Programme), 2006. *Carpathians Environment Outlook*. First Draft. United Nations Environment Programme.
- University of Dubrovnik and Croatian Environment Agency, 2007. <http://www.azo.hr/Default.aspx?sec=275>.
- UNWTO (United Nations World Tourism Organisation), 2004. *Indicators of sustainable development for tourism destinations*. World Tourism Organisation.
- UNWTO (United Nations World Tourism Organisation), 2006. *Compendium and Yearbook of tourism statistics*.
- UNWTO (United Nations World Tourism Organisation), 2006a. *Seminar on Policies, Strategies and Tools for Sustainable Tourism Development*. Almaty, Kazakhstan, 26 April 2006. Conclusions of the first session on Tourism and Sustainability. World Tourism Organization.
- UNWTO (United Nations World Tourism Organisation), 2006b. *World Tourism Barometer*, Volume 4, No 3, October 2006. World Tourism Organization.
- UNWTO (United Nations World Tourism Organisation), 2006c. *Tourism Highlights*, 2006 Edition. World Tourism Organization.
- World Bank, 2006. World Development Indicators database.
- WTTC (World Travel and Tourism Council), 2004. *Montenegro — The impact of travel & tourism on jobs and the economy*. World Travel and Tourism Council.
- WTTC (World Travel and Tourism Council), 2006. *National Satellite Accounts Tables*. World Travel and Tourism Council.

Annex 1 Legal instruments

Global conventions	
Convention for the Control and Management of Ships' Ballast Water and Sediments	International Maritime Organization (IMO) http://www.imo.org/Conventions/mainframe.asp?topic_id=867
Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter (London Convention) and Protocol	
Stockholm Convention on Persistent Organic Pollutants (POPs)	United Nations Environment Programme http://www.pops.int/reports/StatusOfRatifications.aspx
Convention to Combat Desertification	United Nations Convention to Combat Desertification (UNCCD) http://www.unccd.int/convention/ratif/doiif.php?sortby=date
Convention on Biological Diversity and Cartagena Protocol on Biosafety	Convention on Biological Diversity http://www.cbd.int/world/parties.asp?sort=date
United Nations Framework Convention on Climate Change (UNFCCC) and Kyoto Protocol	United Nations Framework Convention on Climate Change http://unfccc.int/essential_background/convention/status_of_ratification/items/2631.php http://maindb.unfccc.int/public/country.pl?group=kyoto
Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, Amendment and Protocol	United Nations Treaty Collection http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty18.asp#participant http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty19.asp#participant http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty20.asp
Vienna Convention for the Protection of the Ozone Layer, Protocol and Amendments	United Nations Treaty Collection http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty11.asp#participant http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty12.asp http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty13.asp http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty14.asp http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty15.asp http://untreaty.un.org/ENGLISH/bible/englishinternetbible/partI/chapterXXVII/treaty16.asp
United Nations Convention on the Law of the Sea and Agreements	United Nations Division for Ocean Affairs and the Law of the Sea, Office of Legal Affairs http://www.un.org/Depts/los/convention_agreements/convention_overview_convention.htm
Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention)	Council of Europe http://conventions.coe.int/Treaty/Commun/ChercheSig.asp?NT=104&CM=8&DF=6/4/2007&CL=ENG
Convention on the Conservation of Migratory Species of Wild Animals (CMS or Bonn Convention)	CMS http://www.cms.int/about/part_1st.htm
Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and Amendments	CITES http://www.cites.org/eng/disc/parties/index.shtml
Convention on Wetlands (Ramsar Convention)	Ramsar Convention http://www.ramsar.org/key_cp_e.htm

UNECE conventions

Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention) and Protocol	UNECE http://www.unece.org/env/pp/ratification.htm
Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention), Amendments and Protocols	UNECE http://www.unece.org/env/water/status/legal.htm
Convention on the Transboundary Effects of Industrial Accidents	UNECE http://www.unece.org/env/teia/parties.htm
Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention), Amendments and Protocol	UNECE http://www.unece.org/env/eia/ratification.htm
Convention on Long-range Transboundary Air Pollution (CLRTAP) and Protocols	UNECE http://www.unece.org/env/lrtap/status/lrtap_st.htm

Regional conventions/agreements

Framework Convention for the Protection of the Marine Environment of the Caspian Sea (Tehran Convention)	Caspian Environment Programme http://www.caspianenvironment.org/newsite/index.htm
Framework Convention on the Protection and Sustainable Development of the Carpathians (Carpathian Convention)	Carpathian Convention http://www.carpathianconvention.org/index
Framework Agreement on the Sava River Basin and Protocol	UNECE http://www.unece.org/env/water/text/Sava-agreement.pdf
Convention on the Protection of the Rhine	International Commission for the Protection of the Rhine http://www.iksr.org/index.php?id=327
Convention on Cooperation for the Protection and Sustainable Use of the River Danube	http://ocid.nacse.org/cgi-bin/qml/tfdd/treaties.qml?qml_screen=full&TN=331
Alpine Convention and Protocols	Alpine Convention http://www.convenzionedellealpi.org/page3_en.htm
Convention for the Protection of the Marine Environment of the North-East Atlantic (OSPAR Convention)	OSPAR Commission http://www.ospar.org/eng/html/welcome.html
Convention on the Protection of the Black Sea Against Pollution (Bucharest Convention)	The Commission on the Protection of the Black Sea Against Pollution http://www.blacksea-commission.org/OfficialDocuments/Convention_iframe.htm
Convention on the Protection of the Marine Environment of the Baltic Sea Area (HELCOM)	The Helsinki Commission www.helcom.fi/Convention
Agreement on the Conservation of Small Cetaceans of the Baltic and North Seas (ASCOBANS)	Internet Guide to International Fisheries Law http://www.oceanlaw.net/texts/summaries/ascobans.htm
Convention for the Protection of the Mediterranean Sea Against Pollution (Barcelona Convention) and Protocols	UNEP and MAP http://www.unep.org/regionalseas/Programmes/UNEP_Administered_Programmes/Mediterranean_Region/default2.asp www.unepmap.org

Annex 2 Country statistics

European Chemical Industry Council (CEFIC Statistics). <http://www.cefic.org/Templates/shwStory.asp?NID=493&HID=431>.

European Environment Agency (EEA). Data service. <http://dataservice.eea.europa.eu/dataservice/>.

European Topic Centre on Resource and Waste Management (ETC/RWM). <http://waste.eionet.europa.eu/>.

Food and Agriculture Organisation of the United Nations (FAO). FAOSTAT database. <http://faostat.fao.org/default.aspx> and FISHSTAT database: <http://www.fao.org/fi/website/FIRetrieveAction.do?dom=topic&fid=16073>.

International Energy Agency (IEA). Data Service. <http://data.iea.org/stats/eng/main.html>.

Interstate Statistical Committee of the Commonwealth of Independent States (CISSTAT). Official Statistics of the Countries of the Commonwealth of Independent States, 2005. CD-ROM. <http://www.cisstat.com/eng/cd-offst.htm>.

Interstate Statistical Committee of the Commonwealth of Independent States (CISSTAT). Official Statistics of the Countries of the Commonwealth of Independent States, 2006. CD-ROM. <http://www.cisstat.com/eng/cd-offst.htm>.

Modelling Opportunities And Limits For Restructuring Europe Towards Sustainability (MOSUS Project). <http://www.materialflows.net/>.

UNECE/FAO. Forest Resources Assessment 2005. <http://www.fao.org/forestry/site/32085/en/>.

United Nations Children's Fund (UNICEF). <http://childinfo.org/>.

United Nations Economic Commission for Europe (UNECE). Transport Division, Transport Statistics. <http://www.unece.org/trans/main/wp6/transstatpub.html?language=German>.

United Nations Environment Programme/World Conservation Monitoring Centre (UNEP/WCMC). World Database on Protected Areas. <http://www.unep-wcmc.org/wdpa/>.

United Nations Statistics Division (UNSD). Common database. http://unstats.un.org/unsd/cdb/cdb_help/cdb_quick_start.asp.

United Nations World Tourism Organisation (UNWTO). <http://www.world-tourism.org/>.

WHO/UNICEF. Joint Monitoring Programme (JMP) for water supply and sanitation, water and sanitation data. <http://www.wssinfo.org/en/welcome.html>.

World Bank (WB). World Development Indicators database. <http://web.worldbank.org>.

World Health Organization Regional Office for Europe (WHO). Health for All database. <http://www.euro.who.int/hfadb>.

World Travel & Tourism Council (WTTC). Tourism Satellite Accounts. <http://www.wttc.org/eng/Home/index.php>.

Annex 3 International comparisons

References to be found below each indicator in Annex 3.