References

AAMA: see American Automobile Manufacturers Association.
ABS: see Australian Bureau of Statistics.
AIA: see American Institute of Architects.


Alloway, Brian J. (ed.) (1990), Heavy Metals in Soils, Glasgow: Blackie.


Andersen, Frits M., Jørgen Fenhann, Helge Larsen and Lotte Schleisner (1999), A Scenario Model for the Generation of Waste, Environmental Project no. 434, Copenhagen: Danish Environmental Protection Agency.


Reference


Baas, Leo, H. Hofman, Donald V. Huisingh, J. Huisingh, P. Koppert and F. Neumann (1990), *Protection of the North Sea: Time for Clean Production*, Rotterdam: Erasmus Centre for Environmental Studies, Erasmus University.


BEA: see United States Bureau of Economic Analysis.


References


BGS: see British Geological Survey.


Billen, Gilles, Francine Toussaint, Philippe Peeters, Marc Sapir, Anne Steenhout and Jean-Pierre Vanderborght (1983), L’écosystème Belgeque essai d’écologie industrielle, Brussels, Belgium: Centre de Recherche et d’Information Socio-Politiques (CRISP).


BMU: see Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit.


Bradley, P.G. (1985), ‘Has the “economics of exhaustible resources” advanced the economics of
References

Brierley, Gary (1995), Floodplain Systems Along the Coastal Plain of New South Wales, Sydney, Australia: Geological Society of Australia.
Bringezu, Stefan (1993a), ‘Towards increasing resource productivity: How to measure the total material consumption of regional or national economies?’, Fresenius Environmental Bulletin, 2, 437–42.
References


Brundtland: see World Commission on Environment and Development.


Brunner, Paul H. and Theres Lahner (1998), Materials Accounting as a Tool for Decision Making in Environmental Policy (Summary Report), Vienna, Austria: Vienna University of Technology, Institute for Water Quality and Waste Management, Department of Waste Management.

Brunner, Paul H. et al. (1998), ‘Materials Accounting as a Tool for Decision Making in
References

Environmental Policy (MAcTEmPo), Final Report, Technical University of Vienna, Linköping University, ETH Zürich and Leiden University.
BT: see British Telecom.
Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (BMU) (1998), Nachhaltige Entwicklung in Deutschland – Entwurf eines umweltpolitischen Schwerpunktprogramms, Bonn: BMU.
Cabezas, Herbert et al. (1997), Pollution prevention with chemical process simulators: The generalized waste reduction (WAR) algorithm’, Computers and Chemical Engineering, 21, S305.
Canada to accompany the film ‘Uranium’ directed by Magnus Isacsson (http://www.ccnr.org/nfb_uranium_3.html).


CCNR: see Canadian Coalition for Nuclear Responsibility.

CCPS: see Center for Chemical Process Safety.


Census: see United States Department of Commerce, Bureau of the Census.


CEWI: see Committee on Elimination of Waste.


References


CIA: see United States Central Intelligence Agency.

CIRIA: see Construction Industry Research and Information Association.


Cobb, Clifford, Ted Halstead and Jonathan Rowe (1995), ‘If the GDP is up, why is America down?’, *The Atlantic Journal*, October.


References


Côté, Raymond P., Robert Ellison, Jill Grant, Jeremy Hall, Peter Klynstra, Michael Martin and Peter Wade (1994), Designing and Operating Industrial Parks as Ecosystems, Dalhousie University, School for Resource and Environmental Studies, Halifax, Nova Scotia (Report of the project ‘The Industrial Park as an Ecosystem’).


CWEI: see Cornell Work and Environment Initiative.


de Vries, Bert (1989a), ‘Effects of resource assessments on optimal depletion estimates’, Resources Policy, September.
Dethlefsen, Volkert, Tim Jackson and Peter Taylor (1993), ‘The precautionary principle – towards
References

Robert U. Ayres and Leslie W. Ayres - 9781843765479
Downloaded from Elgar Online at 12/28/2018 10:39:39PM via free access


DETR: see United Kingdom Department of the Environment, Transport and Regions.


DoC: see United States Department of Commerce.

DoE: see United Kingdom and/or United States.


DoS: see United States Department of State.


DoT: see United States Department of Transportation.


DTI: see United Kingdom Department of Trade and Industry.


ECE: see Economic Commission for Europe.


Ecological Economics (1998), 25(2).


EEA: see European Environment Agency.


Ehrenfeld, John R. (2000a), personal communication, 6 October.


Elzen, Michel G.J. den and Michiel Schaeffer (2001), ‘Assessment of major uncertainties in calculating regional contributions to climate change’, accepted by *Climate Change*.


Environment Agency of Japan (annual), *Quality of the Environment in Japan*.

Environment Canada (1997), *Opportunities for Eco-industrial Parks in Canada: Summary of Case Studies*, Ottawa, Canada.
References


European Union (1999), President Summary of the Informal Meeting of the EU Environment Ministers and Environment Ministers of the Candidate Countries of Central and Eastern Europe and of Cyprus, July 23–25, Helsinki.


FAO: see United Nations Food and Agricultural Organization.


FME: see Finnish Ministry of the Environment.

FOBRP: see Federal Office for Building and Regional Planning Germany.

FoE: see Friends of the Earth Europe.


Frankl, Paolo and Frieder Rubik (1999), *LCA in Industry and Business – Adoption Patterns, Applications and Implications*, Heidelberg, Germany: Springer.


Frosch, Robert A. and Nicholas E. Gallopoulos (1989), ‘Strategies for manufacturing’, *Science.org American*, 261*(3), 94–102. (Special issue on ‘Managing Planet Earth’.)


FSO: see Federal Statistical Office Germany.


GAB, see Gunjehmi Aboriginal Corporation.


Georgescu-Roegen, Nicholas (1979), ‘Myths about energy and matter’, Growth and Change, 10, 16–23.


German Federal Environment Agency: see Umweltbundesamt.


References


References


HBS: see Hans-Böckler-Stiftung.


Hedermalm, P., P. Carlsson and Viveka Palm (1995), Waste from Electrical and Electronic Products:
References


Hinterberger, Friedrich, Fred Luks and Marcus Stewen (1999), ‘Wie ökonomisch ist die Stoffstromökonomie – eine Gegenkritik’ (How economic is material flow economics? – a counter-critique), Konjunkturpolitik, 45(4).


References

Effects Model USES-LCA), Amsterdam, The Netherlands: University of Amsterdam, Institute for Biodiversity and Ecosystem Dynamics (http://www.leidenuniv.nl/interfac/cml/lca2/).
IEA: see International Energy Agency.
IIIS: see International Institute for Iron and Steel.
Inoue, H. (1992), ‘Ecofactory: Concept and R&D themes’, New Technology Japan (Special Issue), Japan External Trade Organization (JETRO), Machinery and Technology Department, Tokyo.
Intergovernmental Panel on Climate Change (IPCC) (1990), Climate Change, The IPCC Scientific Assessment, Cambridge, UK: Cambridge University Press.


IPCC: see Intergovernmental Panel on Climate Change.


ISO: see International Standards Organization.


King, Richard (1996), ‘Presentation on stakeholders and interests in consumer electronics and appliances life-cycle issues at an EPA CSI Barriers subcommittee meeting’, MCEC/Panasonic Corp. (November), Secaucus, NJ.


Kleijn, René and Ester van der Voet (1998), ‘Chlorine in Western Europe, a MacTempo case study, Annex 3’, in Paul H. Brunner et al. (eds), Materials Accounting as a Tool for Decision Making in Environmental Policy (Mac TEMPo), Final Report, Technical University of Vienna, Linköping University, ETH Zürich and Leiden University.


Kuznets, Simon (1930), Secular Movements in Production and Prices, Boston: Riverside Press.


References


References


Lifset, Reid (1997), ‘Metaphor, a field and a journal’, *Journal of Industrial Ecology*, 1(1).


Lösch, August (1954), *The Economics of Location*, New Haven, CT: Yale University Press.


Lovins, Amory B. (1996), ‘Hypercars: The next industrial revolution’, *Session IE; Hybrids, 13th*
References

International Electric Vehicle Symposium (EVS 13), Osaka, Japan: October 14 (available from Rocky Mountain Institute, Snowmass, CO).


MENFSH: see Ministry for Environment, Nature and Forestry of the State Schleswig-Holstein.
Metallgesellschaft (various years), Metallstatistik, Frankfurt am Main, Germany: C. Adelmann.
Ministry for Environment, Nature and Forestry of the State Schleswig-Holstein (MENFSH) (1999), Nachhaltige Gewerbeansiedlung und umweltgerechter Gewerbebau (Sustainable settlement of industry and environmentally sound provision of industrial infrastructure), Beratungskonzept für die Wirtschaftsförderungsgesellschaften des Landes Schleswig-Holstein, Kiel, Germany.


MITI: see Ministry of International Trade and Industry.


Moolenaar, Simon W. and Theo M. Lexmond (2000), Chapters II(4) and III(3) in Ester van der


References


NAS: see United States National Academy of Science.


NCC: see Nature Conservation Council of New South Wales.


References


NJCEGC: see New Jersey Commerce and Economic Growth Commission.


Nordic Council of Ministers (1999), ‘Factor 4 and 10 in the Nordic Countries: The transport sector – the forest sector – the building and real estate sector – the food supply chain’, *TemaNord 1999*, 528, Copenhagen, Denmark.


NRA: see National Rivers Authority.

NRC: see United States National Research Council.


NSWDMR: see New South Wales Department of Mineral Resources.

NSWPMB: see Northern Sydney Waste Planning and Management Board.


OECD: see Organization for Economic Cooperation and Development.


ONS: see United Kingdom Office for National Statistics.


References

Ostwald, Wilhelm (1909), Energetische Grundlagen der Kulturwissenschaften, Leipzig: Dr. Werner Klinkhardt Verlag.
Ostwald, Wilhelm (1912), Der energetische Imperativ, Leipzig: Akademische Verlagsgesellschaft.
OTA: see United States Congress, Office of Technology Assessment.
Pearce, David W. and R. Kerry Turner (1990), Economics of Natural Resources and the Environment, Baltimore, MD: Johns Hopkins University Press.
Pimentel, David, C. Harvey, P. Resosudarmo, K. Sinclair, D. Kurz, M. McNair, S. Crist, L. Shpritz,
References

Radermacher, W. and Carsten Stahmer (1998), ‘Material and energy flow analysis in Germany –


RTI: see Research Triangle Institute.


Schandl, Heinz and Walter Hütter (1997), ‘MFA Austria: Activity fields as a method for sectoral


Schuler, Richard E. (1992), ‘Municipal solid waste: when to tax, when to price and how?’, presented...
at the 8th Annual Conference on Solid Waste Management and Materials Policy, New York, January 30th.


SETAC: see Society of Environmental Toxicology and Chemistry.


References

Smith, V. Kerry (ed.) (1979b), Scarcity and Growth Revisited, Baltimore, MD: Johns Hopkins University Press.
References


Stahmer, Carsten (1999), *Das Magische Dreieck der Input-Output-Rechnung*, Vereinigung für Ökol-
ogische Ökonomie e.V., AG Stoffströme (Working Group Material Flows), Closed Workshop in Weimar, Germany, October 25–27.


Statistics Finland (1999), Finland’s Natural Resources and the Environment 1999, Helsinki, Finland.


References


Thünen, Johann Heinrich von (1826), *Der isolierte Staat in Beziehung auf Landwirtschaft und Nationalökonomie*, Hamburg, Germany.


UBA: see Umweltbundesamt.


UK: see United Kingdom.

UKDETR: see United Kingdom Department of the Environment, Transport and Regions.

UKDoE: see United Kingdom Department of the Environment.

UKDTI: see United Kingdom Department of Trade and Industry.

UKNRA: see National Rivers Authority.

UKONS: see United Kingdom Office for National Statistics.


UN: see United Nations.


UNDP: see United Nations Development Programme.

UNEP: see United Nations Environment Programme.

UNESCO: see United Nations Educational Scientific and Cultural Organization.

UNFCCC: see United Nations Framework Convention on Climate Change.

UNGASS: see United Nations General Assembly Special Session.

UNIDO: see United Nations Industrial Development Organization.


References


United Kingdom Department of Trade and Industry (UKDTI) (various years), *Overseas Trade Statistics of the United Kingdom*, London: Her Majesty’s Stationery Office.

United Kingdom Ministry of Agriculture, Fisheries and Food (various years), *Agriculture in the United Kingdom*, London: Her Majesty’s Stationery Office.


References


United States Department of Energy (USDoE) (annual), *Annual Energy Review*, Washington, DC:


US: see United States.

USBEA: see United States Bureau of Economic Analysis.

USBM: see United States Bureau of Mines.

USCENSUS: see United States Department of Commerce, Bureau of the Census.

USCIA: see United States Central Intelligence Agency.

USDA: see United States Department of Agriculture.

USDoC: see United States Department of Commerce.

USDoE: see United States Department of Energy.

USDoS: see United States Department of State.

USDoT: see United States Department of Transportation.


USFHA: see United States Federal Highway Administration.

USGS: see United States Geological Survey.

USITC: see United States International Trade Commission.

USNAS: see United States National Academy of Science.

USNRC: see United States National Research Council.

USOTA: see United States Congress, Office of Technology Assessment.


van: see specific name.


References


Wall, Goran (1977), Exergy: A useful concept within resource accounting, Report (77–42), Institute of Theoretical Physics, Chalmers University of Technology and University of Gothenburg, Gothenburg, Sweden.


Warhurst Alyson (1994), Environmental Degradation from Mining and Mineral Processing in Developing Countries: Corporate Responses and National Policies, Paris: OECD.


Waste Management Authority (WMA) (1990), Sydney Solid Waste Management Strategy, Chatswood, Australia: Waste Management Authority of New South Wales.


Watanabe, Chihiro (1972): see MITI (1972b).


Watanabe, Chihiro (1992b), R&D Intensity in the Japanese Manufacturing Industry has Changed to a Decreasing Trend since the Bubble Economy, The Nihon Keizai Shimbun, November 25.


Watanabe, Chihiro (1996a), ‘Choosing energy technologies: the Japanese approach’, Company
Watanabe, Chihiro (1996b), ‘Measurement of the dynamic change in rate of obsolescence of tech-
nology and time lag from R&D to commercialization’, Abstract of Annual Conference of the
Watanabe, Chihiro (1999), ‘System option for sustainable development – effect and limit of MITI
Efforts to substitute technology for energy’, Research Policy, 28(7), 719–49.
of Scientific and Industrial Research, 50(10), 771–85.
Watanabe, Chihiro and Yukio Honda (1991), ‘Inducing power of Japanese technological innova-
tion: Mechanism of Japan’s industrial science and technology policy’, Japan and the World
Economy, 3(4), 375–90.
Watanabe, Chihiro and Yukio Honda (1992), ‘Japanese industrial science and technology policy in
Watanabe, Chihiro, I. Santoso and T. Widayanti (1991), The Inducing Power of Japanese
England and Wales.
Watson, Andrew J. and P.S. Liss (1998), ‘Marine biological controls on climate via the carbon
and sulphur geochemical cycles’, Philosophical Transactions of the Royal Society London, 353,
41–51.
Watson, R.T. et al. (eds) (1996), Climate Change 1995 Impacts, Adaptations and Mitigation of
Climate Change: Scientific Analysis, Cambridge, UK: Cambridge University Press.
WBCSD: see World Business Council for Sustainable Development.
WCED: see World Commission on Environment and Development.
Weber, Max (1909), ‘“Energetische” Kulturtheorien’, Archiv für Sozialwissenschaft und
Sozialpolitik, 29, 375–98.
Weber, Max (1909), The Protestant Ethic and the Spirit of Capitalism, trans. Talcott Parsons,
New York: Scribners.
63–4.
Industrial Ecology, 4(3), 11–33.
Weiss, Edith B. (1989), In Fairness to Future Generations, Dobbs Ferry, NY: Transnational
Publishers.
Park Development, Research Triangle Park, NC: Research Triangle Institute. (Report prepared
for ‘Designing, Financing and Building the Industrial Park of the Future, An International
Workshop on Applications of Industrial Ecology to Economic Development, Institute of the
Americas, University of California, San Diego, May 4–5, 1995’, April 1995.)
Weizsäcker Ernst-Ulrich von and Friedrich B. Schmidt-Bleek (1994), ‘Signs of hope for the 21st
century?’, in Dutch Committee for Long-term Environmental Policy (eds), The Environment:
21–45.
Weizsäcker, Ernst-Ulrich von, Amory B. Lovins and L. Hunter Lovins (1997), Factor Four:
References


Windsperger, Andreas, G. Angst and S. Gerhold (1997), ‘Indicators of environmental pressure from


WMA: see Waste Management Authority.


World Resources Institute (WRI) and UNEP (1994), World Resources 1994–95, New York: Oxford University Press.


WRI: see World Resources Institute.


References


WSJ: see Wall Street Journal.

WWF/IUCN: see World Wide Fund for Nature/World Conservation Union.


