

## REFERENCES

- Allen, P.M., 1992a. Evolutionary theory, policy making and planning. *Journal of Scientific & Industrial Research*, Vol. 51. August-September 1992, pp. 644 - 657.
- Allen, P.M., 1992b. Modelling Evolution and Creativity in Complex Systems. *World Futures*, Vol. 34, pp. 105 -123.
- Archibugi, F., P. Nijkamp and F.J. Soeteman., 1989. The Challenge of Sustainable Development. In Archibugi, F. and P. Nijkamp (eds.), 1989. *Economy and Ecology: Towards Sustainable Development*, pag 73-87. Kluwer Academic Publishers, Dordrecht.
- Ayres, R.U. and A.V. Kneese, 1969. 'Production, consumption and externalities', *American Economic Review* 59, p.282-297. In van den Bergh, 1991.
- Ayres, R.U. and A.V. Kneese, 1989. Externalities: economics & thermodynamics. In Archibugi and Nijkamp (eds.) *Economy and ecology: Towards sustainable development*. Kluwer Academic Publishers, Dordrecht.
- Ayres, R.U. and K. Martínás, 1994. Waste potential entropy: the ultimate ecotoxic. In *Models of Sustainable Development. Exclusive or Complementary Approaches of Sustainability? International Symposium*. Université Panthéon-Sorbonne, p. 171-191.
- Baines, J.T., 1989. An Integrated Framework for Interpreting Sustainable Development: Ecological Principles and Institutional Arrangements for the Sustainable Development of Natural and Physical Resources. In J. Peet, 1992.
- Barbier, E.B., 1989. *Economics, natural-resource scarcity and development: conventional and alternative views*. Earthscan Publications Limited, London.
- Barbier, E.B. (ed.), 1993. *Economics and Ecology. New frontiers and sustainable development*. Chapman and Hall, London.
- Barbier, E.B. and A. Markandya, 1993. Environmentally sustainable development: optimal economic conditions. In Barbier (ed.), 1993.
- Barnett, H.J. and C.M. Morse., 1963. *Scarcity and Economic Growth: The Economics of Natural Resource Availability*, Johns Hopkins University Press, Baltimore. In Barbier, 1989.
- Battjes, J.J., 1993. Resource Accounting in de Nederlandse landbouw. Naar een meer duurzame landbouw. Studentenrapport nr. 68. Interfacultaire Vakgroep Energie en Milieukunde (IVEM), Rijksuniversiteit Groningen.
- Berger, M.R. et al., 1993. Modelgebruik in de milieukunde. In Biesiot en Schoot Uiterkamp (eds.), 1993.
- Bergh van den, J.C.J.M., 1991. *Dynamic Models for Sustainable Development*. Ph.D. Dissertation. Tinbergen Institute, Amsterdam.
- Berry, R.S. and M.F. Fels, 1972. The production and consumption of automobiles; an energy analysis of the manufacture, discard, and reuse of the automobile and its component materials, Chicaco. In Reister, 1978.
- Biesiot, W. and A.J.M. Schoot Uiterkamp (eds.), 1993. *Transitie naar duurzaamheid en kwaliteit*. Interfacultaire Vakgroep Energie en Milieukunde (IVEM), RU Groningen.

## *References*

---

- Biesiot, W. and H.A.J. Mulder, 1994. Energy Constraints on Sustainable Development Paths. In Smith, P.B., S.E. Okoye, J. de Wilde and P. Deshingkar (eds.). *The World at the Crossroads, Towards a Sustainable, Equitable and Liveable World*. Earthscan Publications Ltd, London.
- Boersema, J.J. et. al. (red), 1991. *Basisboek Milieukunde*. Boom, Meppel.
- Boulding, K.E., 1966. The Economics of the Coming Spaceship Earth. In H. Jarett (ed.), *Environmental Quality in a Growing Economy*, pag. 3-14. The Johns Hopkins Press, Baltimore.
- Boustead, I. and G.F. Hancock, 1979. *Handbook of industrial energy analysis*. Ellis Horwood Limited, Chichester, England
- BP Statistical Review of World Energy, june 1990. Corporate Communications Services.
- Braat, L.C. en W.F.J. van Lierop (eds.), 1987. *Economic-Ecological Modeling*. Elsevier science publishers B.V. North-Holland.
- Brown, L. et al., 1994. *State of the world. A Worldwatch Institute report on progress toward a sustainable society*. Earthscan Publications Ltd, London.
- Bullard, C.W. and R.A. Herendeen, 1975. The energy costs of goods and services. *Energy Policy*, december, pp 268-278.
- Burg van der, T., T. van Harmelen and J.R. Ybema, 1992. *Costs of greenhouse gas abatement in the Netherlands*. Institute for Environmental Studies, Free University Amsterdam.
- Casler, S., 1983. Correcting Input-Output Coefficients for Capital Depreciation. *Energy Systems and Policy*, Volume 7, Number 3. pp. 171-193.
- Centraal Bureau voor de Statistiek (CBS), 1985. *Statistisch zakboek 1985*. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1985a. *Maandstatistiek bouwnijverheid*, december 1985. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1986. *Maandstatistieken van Verkeer en Vervoer*, 86/11. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1986. *Statistisch zakboek 1986*. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1986. *De Nederlandse Energiehuishouding 1985*. The Hague.
- Centraal Bureau voor de Statistiek (CBS), 1987. *Nationale rekeningen 1987*. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1988. *Bijdragen tot de statistieken betreffende de kapitaalgoederenvoorraad 1987*. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1989. *Kapitaalgoederenvoorraad 1989*. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1991. *Milieufactetten*. 's-Gravenhage, Sdu uitgeverij, CBS-publicaties.

## *References*

---

- Centraal Bureau voor de Statistiek (CBS), 1991. Personal communication with H. H. Smeets.
- Centraal Bureau voor de Statistiek (CBS), 1992. Nationale rekeningen 1992. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), 1992. De Nederlandse Energiehuishouding. The Hague.
- Centraal Bureau voor de Statistiek (CBS), 1992. Nationale rekeningen. The Hague.
- Centraal Bureau voor de Statistiek (CBS), 1994. Nationale Rekeningen 1993. The Hague.
- Centraal Bureau voor de Statistiek (CBS), 1994. Maandstatistiek bouwnijverheid, maart 1994. Sdu uitgeverij, CBS publicaties, 's-Gravenhage.
- Centraal Bureau voor de Statistiek (CBS), de Nederlandse Energiehuishouding, diverse jaargangen. 's-Gravenhage, Sdu uitgeverij, CBS-publicaties.
- Central Planning Bureau (CPB), 1992a. Scanning the Future. A long-term scenario study of the world economy 1990-2015. Sdu Publishers, The Hague.
- Central Planning Bureau (CPB), 1992b. Nederland in drievoud. Een scenariostudie van de Nederlandse economy 1990-2015. Sdu Publishers, The Hague.
- Chapman, P.F., 1973. Energy costs of producing copper and aluminium from primary sources. Energy Research Group Report No. 1, Open University. In Boustead and Hancock, 1979.
- Chapman, P.F., G. Leach and M. Slessor, 1974. The energy cost of fuels. Energy Policy, vol. 2, pp 231 - 243.
- Christensen, P., 1989. Historical Roots for Ecological Economics, Biophysical versus Allocative Approaches. Ecological Economics, Volume 1, p. 17-36.
- Christensen, P., 1991. Driving Forces, Increasing Returns and Ecological Sustainability. In Constanza, R. (ed.). Ecological Economics, The Science and Management of Sustainability. Columbia University Press, New York, p. 75-87.
- Christensen, P., 1994. A Classical Materials-Energy Model for Integrating Ecological, Organizational and Evolutionary Approaches to Sustainable Development. In Models of Sustainable Development. Exclusive or Complementary Approaches of Sustainability? International Symposium. Université Panthéon-Sorbonne, p. 585-597.
- Clark, W.C. and R.E. Munn (eds.). 1986. Sustainable Development of the Biosphere. Cambridge University Press. IIASA, Laxenburg, Austria.
- Constanza, R., 1980. Embodied Energy and Economic Valuation. Science, Vol. 210, pp. 1219 - 1224.
- Constanza, R., 1989. What is Ecological Economics? Ecological Economics, vol. 1, pp. 1-7.
- Constanza, R., L. Wainger, C. Folke and K.G. Mäler, 1993. Modeling Complex Ecological Economic Systems. BioScience, Vol. 43 No. 8, pp. 545-555.
- Cook, E., 1976. Man, Energy, Society. W.H. Freeman and Co., San Fransisco.
- Daly, H.E., 1973. The Steady-State Economy: Towards a Political Economy of Biophysical

## References

---

- Equilibrium and Moral Growth. In Daly, H.E. (ed.). *Toward a Steady-State Economy*, pag 149-174. W.H. Freeman and Company, San Francisco.
- Daly, H.E., 1990. Towards some operational principles of sustainable development. *Ecological Economics*, 2 pp. 1 - 6.
- Daly, H.E. and J.B. Cobb., 1989. *For the common good*. Green Print, London.
- Daly, H.E., 1989. Steady-State and Growth concepts fro the next Century. In Archibugi, F. and P. Nijkamp (eds.), 1989.
- De Nederlandsche Bank (DNB), 1989. Prijsindex gegevens, letter from dhr. J.M. Berk.
- Dietz, F.J. and J. van der Straaten, 1992. Rethinking Environmental Economics: Missing Links between Economic Theory and Environmental Policy. *Journal of Economic Issues (JEI)*, Vol. XXVI, No. 1, March 1992.
- Dietz, F.J. and J. van der Straaten, 1993. Economic theories and the necessary integration of ecological insights. In Dobson A. and P. Lucardie (eds.), 1993. *The Politics of Nature. Explorations in green political theory*. Routledge, London.
- Dwarshuis, K., 1992. Wat kernen kosten. Studentenrapport nr. 61. Interfacultaire Vakgroep Energie en Milieukunde (IVEM), Rijksuniversiteit Groningen.
- ECN, 1988. *Nationale energie verkenningen 1987*. Petten.
- Edgeworth, F.Y., 1887. *Mathematical Physics*. Paul Kegan, London.
- Engelenburg van, B.C.W., T.F.M. van Rossum, K. Blok, W. Biesiot and H.C. Wilting, 1991. *Energiegebruik en huishoudelijke consumptie, handleiding en toepassingen*. Vakgroep Natuurwetenschap en Samenleving, Rijksuniversiteit Utrecht, Interfacultaire Vakgroep Energie en Milieukunde Rijksuniversiteit Groningen.
- Forrester, J.W., 1968. *Principles of systems*. Massachusetts Institute of Technology. Cambridge, Massachusetts, U.S.A.
- Fraanje, P., H. Jannink, J. Kramer, V. de Lange, P.Schmid and A. van der Zee, 1990. *Minimalisering van Milieubelasting in de Woningbouw*. Interfacultaire Vakgroep Milieukunde, UvA, Vakgroep Afbouwtechniek en milieu-integratie, TUE, Amsterdam. In Vringer and Blok, 1993.
- Garrels, R.M., F.T. Mackenzie and Cynthia Hunt, 1975. *Chemical cycles and the global environment: assessing human influences*. Kaufmann inc., Los Altos, California.
- Gartner, E.M. and M.A. Smith, 1976. Energy costs of house construction. *Energy Policy*, June 1976. pp. 144 - 156.
- Gasunie jaarverslag, 1992. N.V. Nederlandse Gasunie, Groningen.
- Georgescu-Roegen, N., 1971. *The Entropy Law and the Economic Process*. Harvard University Press, Cambridge, Massachusetts.
- Georgescu-Roegen, N., 1979. Energy and Matter in Mankind's Technological Circuit, *Journal of Business Administration*, Vol. 10, pp. 107 - 127. In Ruth (1993).
- Gilbert, A.J. and L.C. Braat, 1991 (eds.). *Modelling for population and sustainable development*.

## *References*

---

- Routledge, London.
- Gilden, A.M.J. (ed.), 1990. Deelstudies Energiebesparing 2000-2010. Bijlage bij het rapport 'Het broeikas-effect, erop of eronder', Stichting Natuur en Milieu & Vereniging Milieudefensie.
- Gilliland, M., 1978. Energy Analysis: a new public policy tool. AAAS Symposium series, Washington, DC.
- Goeller, H.E. and A.M. Weinberg, 1976. The age of substitutability, *Science*, Vol. 191.
- Gool van W. and J.J.C. Bruggink (eds.), 1985. Energy and time in the economic and physical sciences. Elsevier science publishers, Amsterdam.
- Gool van W., 1985a. A Physical Interpretation of Production Functions. In van Gool and Bruggink, 1985.
- Goudzwaard, B., 1970. Ongeprijsde schaarste. N.V. uitgeverij w.p. van Stockum en zoon, Den Haag.
- Groenewold, H., 1981. Evolutie van kennis, waarden en macht. Boerderijcahier 8201. In de Vries, 1989.
- Hall, C., M. Lavine and J. Sloane, 1979. Efficiency of Energy Delivery Systems: An Economic and Energy Analysis. *Environmental Management*, Vol. 3, No. 6, pp 493 - 504.
- Hall, C.A.S., C.J. Cleveland and R. Kaufmann, 1992. Energy and Resource Quality. University press of Colorado, U.S.A.
- Hardin, G., 1968. The Tragedy of the Commons. *Science*, Vol. 162, pag. 1243-1248.
- Heijman, W.J.M., 1991. Depletable resources and the economy. Ph.D. Dissertation Wageningen Agricultural University. Pudoc, Wageningen.
- Holling, C.S., 1986. The resilience of terrestrial ecosystems: local surprise and global change. In Clark, W.C. and R.E. Munn. 1986.
- Hueting, R., 1980. New scarcity and economic growth: More welfare through less production? Amsterdam, North-Holland.
- Hueting, R. and P. Bosch, 1991. Note on the correction of national income for environmental losses. In Kuik, and Verbruggen (eds.), 1991.
- IFIAS (International Federation of Institutes for Advanced Studies), 1974. Energy Analysis workshop on methodology and conventions, report no 6. Guldsmedshyttan, Sweden.
- James, D.E., P. Nijkamp and J.B. Opschoor, 1989. Ecological Sustainability and Economic Development. In Archibugi and Nijkamp (eds.), 1989.
- Jevons, W.S., 1909. The Coal Question: An Inquiry Concerning the Progress of the Nation and the Probable Exhaustion of Our Coal-Mines. In Barbier, 1989.
- Kazemier, B. and G. Zijlmans, 1991. Het directe en indirecte verbruik van primaire energiedragers in Nederland, 1987. C.B.S., Studiedienst Nationale rekeningen.
- Kellog, H., 1976. Quoted in P.A. Bailey, Mining Engineering, in Slessor, 1991.

## References

---

- Kneese, A.V., R.U. Ayres and R.C. d'Arge, 1970. *Economics and the Environment, A Materials Balance Approach*, John Hopkins University Press, Baltimore.
- Kramer, K.J., W.Biesiot, R. Kok, H.C. Wilting and A.J.M. Schoot Uiterkamp, 1994. *Energie geld(t). Mogelijke energiebesparingen op huishoudelijke uitgaven*. Interfacultaire Vakgroep Energie en Milieukunde, Rijksuniversiteit Groningen.
- Kuik, O. and H. Verbruggen (eds.), 1991. *In Search of Indicators of Sustainable Development*. Kluwer Academic Publishers, Dordrecht.
- Lako, P., H.M. van Rij, K. Dwarshuis and R.J. Oosterheert, 1993. *Electriciteit uit uranium, kolen of aardgas. Milieu en veiligheid, economie en indirecte energiegebruik*. ECN, ECN-I-93-048, Petten.
- Lazarus, M., L. Greber, J. Hall, C. Bartels, S. Bernow, E. Hansen, P. Raskin and D. Von Hippel, 1993. *Towards a fossil free energy future. The next energy transition. A technical analysis for Greenpeace International*. Stockholm Environment Institute, Boston. U.S.A.
- Leontief, W.W., 1951. *The structure of American Economy 1919 - 1939*. International Arts and Sciences Press, Inc., White Plains, New York.
- Malthus, T.R., 1798. *An Essay on the principle of Population*.
- Marshall, A., 1949. *Principles of Economics: An Introductory Volume*. In Barbier, 1989.
- Meadows, D., J. Randers and W. Behrens III, 1972. *The Limits to Growth*. Universe Books, New York.
- Meier, G.M., 1976. *Project Appraisal and Planning for Development Countries*. Heineman, London.
- Melman, A.G., H. Boot and G. Gerritse, 1990. *Energiebesparingspotentiëlen 2015, eindrapport*. TNO-Milieu en Energie, Apeldoorn.
- Mill, J.S., 1862. *Principles of Political Economy With Some of Their Application to Social Philosophy*. In Barbier, 1989.
- Ministry of Economic Affairs, personal communication mr. H. Boomsma.
- Ministry of Economic Affairs, 1993. *Olie en gas in Nederland, opsporing en winning 1992*.
- Mirowski, P., 1989. *More heat than light*. Cambridge University Press, New York.
- Molag, M., A. van der Veen, F. Vlieg and H.J.M. de Vries, 1979. *Energie en industriële productie*. Economisch Statistische Berichten (ESB), januari, pp. 39 - 47.
- Moll, H.C., H.J.M. de Vries and A.K. van Harmelen., 1990. *Modellen voor lange-termijn-milieubeleid: theoretische overwegingen en toepassingen daarvan op CFK's in de huishoudelijke koeling*. Milieu, vol. 5, pp. 155-161.
- Moll, H.C., 1993. *Energy counts and materials matter in models for sustainable development. Dynamic lifecycle modelling as a tool for design and evaluation of long-term environmental strategies*. Ph.D Dissertation Groningen University. STYX Publications, Groningen.
- Motor Columbus, 1985. *Cost study for power plants in the Netherlands*. Motor Columbus engineers inc. Baden, Switzerland.

## *References*

---

- Mulder, H., 1995. Back To Our Future. Physical constraints on sustainable development paths in an energy-based backcasting approach. Ph.D. Thesis, University of Groningen.
- Nieuwlaar, E., 1988. Developments in Energy Analysis. Ph.D. Dissertation, University of Utrecht.
- Nieuwlaar, E., 1992. Assessment of Energy Use and Atmospheric Emissions by Energy Supply Systems. Department of Science, Technology and Society. University of Utrecht.
- Noorman, K.J., 1991. NLECCO. Een dynamisch energie analyse model van het Nederlands economisch systeem. Voortgangsrapportage 1. IVEM, Rijksuniversiteit Groningen.
- O'Riordan, T. and R.K. Turner. 1983. An Annotated Reader in Environmental Planning and Management. Pergamon Press, Oxford.
- Open universiteit, 1993. Algemene milieukunde. Heerlen.
- Pearce, D.W. and R.K. Turner. 1990. Economics of natural resources and the environment. Harvester Wheatsheaf, New York.
- Peckham, R. and Klitz, K., 1978. Energy requirement of North Sea Oil. Euratom report, Joint Research Centre, Ispra, Italy. In Slessor, M. and de Vries, H.J.M., 1990. The potential for economic growth in the European Community in the context of greenhouse gas constraints. IVEM, University of Groningen.
- Peet, J., 1992. Energy and the Ecological Economics of Sustainability. Island Press, Washington D.C., U.S.A.
- Peet, J., 1993. Input-output methods of energy analysis. International Journal of Global Energy Issues, Special Issue on Energy Analysis, Vol. 5. No. 1, pp. 10-18.
- Peet, J. and G. Ryan, 1993. Personal communication J. Peet.
- Pigou, A.C., 1952. The economics of welfare, 4th edition, Macmillan & Co., London.
- Ponting, C., 1992. A green history of the world, translated: Een groene geschiedenis van de wereld, Amsterdam.
- Prigogine, I. and I. Stengers, 1988. Orde uit Chaos. Uitgeverij Bert Bakker, Amsterdam.
- Proops, J.L.R., 1985. Thermodynamics and Economics: from analogy to physical functioning. In van Gool, W. and J. Bruggink (eds.), 1985.
- Reister, D.B., 1978. The energy embodied in goods. Energy, Vol. 3 pp. 499 - 505.
- Rijks Instituut voor Volksgezondheid en Milieuhygiëne (RIVM), 1991. Nationale Milieuverkenning 2 1990-2010, Alphen aan den Rijn.
- RMNO, (Raad voor het Milieu- en Natuuronderzoek). 1992. Duurzame economie, een inventarisatie van onderzoekbehoefte. Publicatie RMNO nr. 75. Rijswijk.
- Roberts, P.C., 1982. Energy and Value. Energy Policy, september 1982, pp. 171 - 180.
- Rosen, R., 1985. Anticipatory systems - Philosophical, Mathematical and Methodological Foundations. Pergamon Press. In de Vries, 1989.
- Rossum van, T.F.M. and H.C. Wilting, 1991. Energiegebruik en huishoudelijke consumptie.

## References

---

- Vakgroep Natuurwetenschap en Samenleving, R.U. Utrecht, Interfacultaire Vakgroep Energie en Milieukunde, R.U. Groningen.
- Ruth, M., 1993. *Integrating Economics, Ecology and Thermodynamics*. Kluwer Academic Publishers, Dordrecht.
- Samenwerkende electriciteits-productie bedrijven (SEP), 1994. *Electriciteitsplan 1995 - 2004*.
- Samuelson, P.A., 1973. *Economics*. McGraw-Hill Book Company, New-York.
- Saraph, A., 1994. *Toolbox for Tomorrow. Exploring and Designing Sustainable Systems*. Ph.D. Thesis Rijksuniversiteit Groningen, Simlab, Pune, India.
- Schipper, L., S. Meyers and A.N. Ketoff, 1986. Energy use in the service sector. *Energy Policy*, June, pp. 201 - 218.
- Schipper, L. and S. Meyers, 1992. *Energy Efficiency and Human Activity. Past Trends, Future Prospects*. Cambridge university press, Cambridge, USA.
- Schrattenholzer, L. and A.S. Manne, 1984. 'International Energy workshop: summary of poll responses'. *Energy Journal*, Volume 5, jan.
- Schumacher, E.F., 1973. *Hou het klein*. Ambo b.v., Baarn (vierde druk).
- Schwartz, M. and M. Thomson. 1990. *Divided we stand. Redefining Politics, Technology and Social Choice*. Harvester Wheatsheaf, New York.
- Sep, 1987. N.V. Samenwerkende elektriciteits-productiebedrijven, en de Vereniging van Energiedistributiebedrijven in Nederland. *Electriciteit in Nederland*.
- Sep, 1992. N.V. Samenwerkende elektriciteits-productiebedrijven, en de Vereniging van Energiedistributiebedrijven in Nederland. *Electriciteit in Nederland*
- Sep, 1993. N.V. Samenwerkende elektriciteits-productiebedrijven. *Electriciteitsplan 1993-2002*
- Shaw, K.R., 1979. Capital cost escalation and the choice of power stations. *Energy Policy*, december, pp. 321 - 328.
- Slesser, M., 1978. *Energy in the economy*. The Macmillan Press ltd, London.
- Slesser, M., 1989. Toward an exact human ecology. In Grubb, P.J. and J.B. Whittaker (eds.). *Toward a more exact ecology. The 30th Symposium of the British Ecological Society*. London 1988. Blackwell Scientific Publications, Oxford.
- Slesser, M., 1990. ECCO, Simulation software for assessing national Sustainable Development. Part II, User's Manual. Resource Use Institute, Edinburgh, Scotland.
- Slesser, M. and A. Saraph, 1991. GLOBECCO, A computer model of the developed and developing world economies; a tool for exploring sustainable development. Resource Use Institute, Edinburgh, Scotland.
- Slesser, M., 1992. ECCO, Simulation software for assessing national Sustainable Development. Part I, User's Manual. Resource Use Institute, Edinburgh, Scotland.
- Slesser, M., J. King, C. Revie and D. Cooper Crane, 1994. *ECCO, Non-Monetary Indicators of Sustainability*. Centre for Human Ecology, University of Edinburgh, Scotland.

## *References*

---

- Smith, A., 1776. An inquiry into the nature and causes of the wealth of nations. In van der Straaten, 1990.
- Spreng, D.T., 1988. Net-Energy analysis, Praeger, New York.
- Spreng, D.T., 1993. Possibilities for substitution between energy, time and information. *Energy Policy*, January 1993, p. 13-23.
- Starr, P.J., 1980. Modeling Issues and Decisions in System Dynamics. In Legasto, jr, A.A, Forrester, J.W. and J.M. Lyneis (eds.). *System Dynamics, TIMS Studies in the Management Sciences*, volume 14. North-Holland Publishing Company.
- Stein, R.G., 1977. Energy Cost of Building Construction. *Energy and Buildings*, 1, pp. 27 - 29.
- Straaten van der, J. 1990. Zure regen, economische theorie en het Nederlandse beleid. Ph.D. Dissertation, Katholieke Universiteit Brabant.
- Thoresen, P.E., 1985. Standard of Living, Production and Energy Consumption. In van Gool and Bruggink, 1985.
- Timmerman, P., 1986. Mythology and surprise in the sustainable development of the Biosphere. In Clark, W.C. and R.E. Munn, 1986.
- Tribus, M. and E.C. McIrvine. 1971. Energy and Information. *Scientific American*, Volume 224, Number 3. p. 179-191.
- Turner, R.K., D.W. Pearce and I. Bateman, 1994. *Environmental Economics, an elementary introduction*. Harvester Wheatsheaf, New York.
- Turner, R.K. and D.W. Pearce, 1993. Sustainable economic development: economic and ethical principles. In Barbier (ed.), 1993.
- Unesco and FAO, 1985. Carrying capacity assessment with a pilot study of Kenya: a resource accounting methodology for exploring national options for sustainable development. In Gilbert and Braat, 1991.
- Victor, P.A., J.E. Hanna and A. Kubursi, 1994. How strong is weak sustainability? In *Models of Sustainable Development. Exclusive or Complementary Approaches of Sustainability? International Symposium*. Université Panthéon-Sorbonne, p. 93-115.
- Voorter, P.H.C., 1991. Trage penetratie belemmert forse daling electriciteitsverbruik woningen. *Energie & Milieutechnologie*, nummer 1/2, januari.
- Vos, W.J., C. Rietbergen, E. Tammes, A.A.J. Damen and R.J. Meyer, 1979. Materiaalkeuze in relatie tot grondstoffen- en energiegebruik. Bouwcentrum, rapportnummer 4973/1979, Rotterdam.
- Vries de, H.J.M., 1989. Sustainable Resource Use. An enquiry into modelling and planning. Ph.D. Dissertation, Universiteitsdrukkerij Groningen.
- Vries de, H.J.M., 1993. *The environment: Towards a Sustainable Future*. Edited by the Dutch Committee for Long-Term Environmental Policy (CLTM). Kluwer academic publishers, Dordrecht.
- Vringer, K. and K. Blok, 1993. The direct and indirect energy requirement of households in the Netherlands. Department of Science, Technology and Society, Utrecht University.

## *References*

---

- Vringer, K. and K. Blok, 1993. Energie-intensiteiten van de Nederlandse woning. Vakgroep Natuurwetenschap en Samenleving, Universiteit Utrecht.
- Vringer, K., 1991. Hoe duurzaam is duurzame energie? IVEM studentenverslag no. 51. IVEM, Rijksuniversiteit Groningen.
- Walras, L., 1969. Elements of pure economics; or, The theory of social wealth. Sentry Press, New York.
- WCED, 1987. Our common Future, World Commission on Environment and Development, Oxford University Press, Oxford/New York.
- WCN/IUCN, 1980. World conservation strategy: Living resource conservation for sustainable development, World Conservation Strategy/International Union for the Conservation of Nature, Gland, Switzerland.
- Whitehead, A.N., 1929. Process and Reality. New York, Harper. In Daly and Cobb, 1989.
- Wiling, H.C. and W. Biesiot, 1993. Het berekenen van energie- en CO<sub>2</sub>-emissie-intensiteiten met behulp van input-output analyse. Berekeningen voor het jaar 1987. Interfacultaire Vakgroep Energie en Milieukunde (IVEM), onderzoeksrapport nr. 64. Rijksuniversiteit Groningen.
- Wiling, H.C., W. Biesiot and H.C. Moll, 1994. Economische activiteiten vanuit energetisch perspectief. Veranderingen in Nederland in de periode 1969-1988. IVEM onderzoeksrapport nr. 72. Rijksuniversiteit Groningen.
- WM consults, 1990. Energie-extensivering in de utiliteitsbouw, Rigo, Woon|Energie.
- Worrell, E., J.G. de Beer, R.F.A. Cuelenaere and K. Blok, 1992. ICARUS, The potential for energy conservation in the Netherlands up to the year 2000. University of Utrecht. Dept. of Science, Technology and Society.
- Wright, D.J., 1974. Goods and services: an input-output analysis. Energy Policy, december, pp. 307-315.
- Wright, D.J., 1975. The natural resource requirements of commodities. Applied Economics, december, pp 31-39.