

REFERENCES

- Aaheim, H. A., Fuglestvedt, J. S. and Godal, O., 2006. Costs Savings of a Flexible Multi-Gas Climate Policy. *The Energy Journal*. Special issue #3
- Alcamo, J., Kreileman, E., Krol, M., Leemans, R., Bollen, J., van Minnen, J., Schaeffer, M., Toet, S. and de Vries, H. J. M., 1998. Global modelling of environmental change: on overview of IMAGE 2.1. in Alcamo, J., Leemans, R. and Kreileman, E., *Global change scenarios of the 21st century. Results from the IMAGE 2.1 model*. Elseviers Science, London.
- Alcamo, J., Mayerhofer, P., Guardans, R., van Harmelen, T., van Minnen, J., Onigkeit, J., Posch, M. and de Vries, B., 2002. An integrated assessment of regional air pollution and climate change in Europe: findings of the AIRCLIM project. *Env Science and Policy*. 5 257-272.
- Alcamo, J. A., Van Vuuren, D. P. and Ringler, C., 2006. Methodology for developing the MA scenarios. in Carpenter, S. and Pingali, P., *Millennium Ecosystem Assessment - Scenarios Assessment*. Island Press, Washington DC.
- Amann, M., Cofala, J., Heyes, C., Klimont, Z. and Schöpp, W., 1999. The RAINS model: a tool for assessing regional emission control strategies in Europe. *Pollution Atmospherique*. (December 1999): 41-63.
- Amann, M., 2002. Emission Trends of Anthropogenic Air Pollutants in the Northern Hemisphere. *Air Pollution as a Climate Forcing: A workshop*, Honolulu, Hawaii, NASA Goddard Institute for Space Studies.
- Argotte, L. and Epple, D., 1990. Learning curves in manufacturing. *Science*. 247 920-924.
- Arrhenius, S., 1896. On the Influence of Carbonic Acid in the Air upon the Temperature of the Ground. *Philosophical Magazine and Journal of Science (fifth series)*. 41 237-275.
- Azar, C. and Rodhe, H., 1997. Targets for stabilization of atmospheric CO₂. *Science*. 276 1818-1819.
- Azar, C., 1998. 'The timing of CO₂ emissions reductions: the debate revisited. *International Journal of Environment and Pollution*. 10 508-521.
- Azar, C. and Dowlatabadi, H., 1999. A review of technical change in assessment of climate policy. *Annual Review of Energy and the Environment*. 24 513-544.
- Azar, C., Lindgren, K., Larson, E. and Möllersten, K., 2006. Carbon capture and storage from fossil fuels and biomass - Costs and potential role in stabilizing the atmosphere. *Clim. Change*. 74 (1-3): 47-79.
- Barker, T., Pan, H., Koehler, J., Warren, R. and Winne, S., 2005. Induced technological change in the stabilisation of carbon dioxide concentrations in the atmosphere: scenario using a large-scale econometric model. *Avoiding Dangerous Climate Change*, Exeter,
- Berk, M., van Minnen, J., Metz, B., Moomaw, W., den Elzen, M., Van Vuuren, D. P. and Gupta, J., 2002. *Climate OptiOns for the Long term (COOL). Global Dialogue - Synthesis Report*. MNP Netherlands Environmental Assessment Agency, Bilthoven. www.mnp.nl/en

- Blok, K., De Jager, D. and Hendriks, C., 2001. Economic evaluation of sectoral emission reduction objectives for climate change - summary report for policy makers. Ecofys Energy and Environment, Utrecht, The Netherlands.
- Bollen, J., C , Manders, A. J. G. and Veenendaal, P. J. J., 2004. How much does a 30% emission reduction cost? Macroeconomic effects of post-Kyoto climate policy in 2020. Netherlands Bureau for Economic Policy Analysis, The Hague.
- Bollen, J. C., 2004. A Trade View on Climate Change Policies, A multi-region multi-sector approach. University of Amsterdam,
- Bouwman, L., Kram, T. and Klein-Goldewijk, K., 2006. IMAGE 2.4: An overview. Netherlands Environmental Assessment Agency, Bilthoven.
- Brink, C., 2002. Modelling cost-effectiveness of interrelated emission reduction strategies: the case of agriculture in Europe. Wageningen University, The Netherlands.
- Bruinsma, J., 2003. World agriculture: towards 2015/2030. An FAO perspective. EarthScan, London.
- Burtraw, D. and Toman, M. A., 2000. Estimating the ancillary benefits of Greenhouse Gas Mitigation Policies in the U.S. Ancillary Benefits and Costs of greenhouse Gas Mitigation. Proceedings of an IPCC co-sponsored workshop, Washington, D.C 27-29 March 2000, Organisation for Economic Co-operation and Development (OECD).
- Capros, P., 1999. European Union Energy Outlook to 2020. European Commission - DG for Energy,
- Carpenter, S. and Pingali, P., 2006. Ecosystems and Human Wellbeing: Scenarios. Island Press, Washington D.C., USA.
- Castles, I. and Henderson, D., 2003. The IPCC Emission scenarios: an economic-statistical critique. Energy & Environment. 14 (2-3): 159-185 (27).
- CDIAC, 1999. Carbon Dioxide Emissions from Fossil-Fuel Consumption and Cement Manufacture. Carbon Dioxide Information Analysis Center, <http://cdiac.esd.ornl.gov/>
- CEPMEIP, 2002. CEPMEIP Database (Co-ordinated European Programme on Particulate Matter Emission Inventories). TNO, Delft, Netherlands, <http://www.air.sk/tno/cepmeip/>
- Cofala, J., Heyes, C., Klimont, Z. and Amann, M., 2002. Acidification, eutrophication and tropospheric ozone impacts for five scenarios of greenhouse gases abatement in Europe. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Corcoran, T., 2002. An insult to science. Leading economists want a full review of the UN's 100-year economic models for climate change, which they say contain "material errors" that invalidate temperature forecasts. National Post. (November 27):
- Corfee Morlot , J., Smith, J., Agrawala, S. and Franck, T., 2005. Article 2, Long-Term Goals and Post-2012 Commitments: Where Do We Go From Here with Climate Policy? Climate Policy. 5 (3):
- Criqui, P., Mima, S. and Viguier, L., 1999. Marginal abatement costs of CO₂ emission reductions, geographical flexibility and concrete ceilings: an assessment using the POLES model. Energy Policy. 27 (10): 585-601.
- Criqui, P. and Kouvaritakis, N., 2000. World energy projections to 2030. International Journal of Global Energy Issues. 14 (1, 2, 3, 4): 116-136.

- Criqui, P., Kitous, A., Berk, M. M., den Elzen, M. G. J., Eickhout, B., Lucas, P., van Vuuren, D. P., Kouvaritakis, N. and Vanregemorter, D., 2003. Greenhouse gas reduction pathways in the UNFCCC Process upto 2025 - Technical Report. CNRS-IEPE, Grenoble, France.
- Dalton, M., O'Neill, B. C., Prskawetz, A., Jiang, L. and Pitkin, J., 2005. Population aging and future carbon emissions in the United States. International Institute for Applied System Analysis, Laxenburg, Austria.
- de Beer, J., 1998. Potential for industrial energy efficiency improvement in the long term. Department of Science, Technology and Society. Utrecht University,
- de Mooij, R. and Tang, P., 2003. Four futures of Europe. CPB Netherlands Bureau for Economic Policy Analysis, The Hague, The Netherlands.
- de Vries, H. J. M., 1989. Sustainable resource use - an inquiry into modelling and planning. IVM. University of Groningen, Groningen.
- de Vries, H. J. M., Bollen J., Bouwman, L., Elzen M. den, M., J. and Kreileman, E., 2000. Greenhouse Gas Emissions in an Equity-, Environment- and Service-Oriented World: An IMAGE-Based Scenario for the 21st Century. Technological Forecasting and Social Change. 63 137-174.
- de Vries, H. J. M., van Vuuren, D. P., den Elzen, M. G. J. and Janssen, M. A., 2001. The Targets Image Energy model regional (TIMER) - Technical documentation. MNP Netherlands Environmental Assessment Agency, Bilthoven, the Netherlands. www.mnp.nl/en
- de Vries, H. J. M. and Goudsblom, J., Eds. 2002. *Mappae Mundi. Humans and their habitats in a long-term socio-ecological perspective. Myths, maps and models.* Amsterdam University Press, Amsterdam.
- de Vries, H. J. M., 2006a. Sustainable Development. An integrated systems perspective (M.Sc. Course). Copernicus Institute Utrecht University, Utrecht.
- de Vries, H. J. M., 2006b. Scenarios: Guidance for an uncertain and complex world. in Constanza, R., Graumlich, L. J. and Steffen, W., *Sustainability or collapse? An integrated history and future of people on earth.* MIT Press, Cambridge, USA.
- De Vries, H. J. M., Hoogwijk, M. and van Vuuren, D. P., 2007. The potential supply of renewable energy: wind, solar and bio-energy. *Energy Polcy.* 35 (4): 2590-2610.
- DeCanio, S. J., 2003. Economic models of climate change. A critique. Palgrave Macmillan, New York.
- Deffeyes, K., 2006. Hubbert's peak. The impending oil shortage. Princeton University Press,
- Delhotal, K. C. and Gallaher, M., 2005. Estimating technical change and potential diffusion of methane abatement technologies for the coal-mining, natural gas, and landfill sectors. IPCC Expert Meeting on Industrial Technology Development, Transfer and Diffusion - peer reviewed conference proceedings. (forthcoming),
- den Elzen, M. G. J. and de Moor, A., 2001. An updated evaluation of the Bonn Agreement: incorporating the Marrakesh Accords. Netherlands Environmental Assessment Agency, Bilthoven. The Netherlands.
- den Elzen, M. G. J. and de Moor, A. P. G., 2002. Evaluating the Bonn-Marrakesh agreement. *Climate Policy.* 2 111-117.

- den Elzen, M. G. J. and Lucas, P., 2003. FAIR 2.0 - A decision-support tool to assess the environmental and economic consequences of future climate regimes. National Institute of Public Health and the Environment, Bilthoven.
- den Elzen, M. G. J. and Lucas, P., 2005. The FAIR model: a tool to analyse environmental and costs implications of climate regimes. *Environmental Modeling and Assessment*. 10 (2): 115-134.
- den Elzen, M. G. J. and Meinshausen, M., 2005. Meeting the EU 2 degree target: Global and regional emission implications. MNP Netherlands Environmental Assessment Agency, Bilthoven, The Netherlands. www.mnp.nl/en
- den Elzen, M. G. J., Meinshausen, M. and Van Vuuren, D. P., 2006. Multi-gas emissions corridors to meet long-term greenhouse gas concentration targets: trade-off between costs and climate risks. Submitted.
- den Elzen, M. G. J., Lucas, P. and Van Vuuren, D. P., 2007. Regional abatement costs and options under allocation schemes for emission allowances for low CO₂-equivalent concentrations. Submitted.
- Dessai, S. and Hulme, M., 2001. Climatic Implications of Revised IPCC Emissions Scenarios, the Kyoto Protocol and Quantification of Uncertainties. *Integrated Assessment*. 2 (3): 159-170.
- Dessai, S. and Hulme, M., 2004. Does climate adaptation policy need probabilities? *Climate Policy*. 4 107-128.
- Dessai, S., O'Brien, K. and Hulme, M., 2007. Editorial: On uncertainty and climate change. *Global Environmental Change*. 17 1-3.
- Doeoes, B. R., 1997. Greenhouse gases and climate change. *The global environment. Science, technology and management*. 1 319-351.
- Dowd, J. and Newman, J., 1999. Challenges and opportunities for advancing engineering economic policy analysis. IEA Int. Workshop Technol. Reduce Greenh. Gas Emissions: Eng.-Econ. Analyses of Conserved Energy Carbon, May 5-7. Washington, DC,
- EC, 2006. Green Paper. A European Strategy for Sustainable, Competitive and Secure Energy. COM(2006) 105 final. Commission of the European Communities, Brussels.
- ECF and PIK, 2004. What is dangerous climate change? Initial Results of a Symposium on Key Vulnerable Regions, Climate Change and Article 2 of the UNFCCC. European Climate Forum and Postdam Institute for Climate Impact Research, http://www.european-climate-forum.net/pdf/ECF_beijing_results.pdf
- Economist, 2003a. Hot potato. The Intergovernmental Panel on Climate Change had better check its calculations. Feb 13th
- Economist, 2003b. A lack-of-progress report on the Intergovernmental Panel on Climate Change. Hot potato revisited. Nov. 2
- Edenhofer, O., Carraro, C., Koehler, J. and Grubb, M., 2006. Endogenous Technological Change and the Economics of Atmospheric Stabilisation. *The Energy Journal*. Special Issue #1
- Edmonds, J. and Reilly, J., 1985. Global energy - Assessing the future. Oxford University Press, New York.
- Edmonds, J. A., Clarke, J., Dooley, J., Kim, S. H. and Smith, S. J., 2004. Modelling greenhouse gas energy technology responses to climate change. *Energy*. 29 1529-1536.

- EEA, 2001. Joint EMEP/CORINAIR Atmospheric Emission Inventory Guidebook. European Environment Agency, Copenhagen.
- EEA, 2002a. Greenhouse gas emission trends and projections in Europe. European Environment Agency, Copenhagen, Denmark.
- EEA, 2002b. The ShAir scenario. Towards air and climate change outlooks, integrated assessment methodologies and tools applied to air pollution and greenhouse gases. European Environment Agency, Copenhagen.
- Ellerman, A. D. and Decaux, A., 1998. Analysis of Post-Kyoto CO₂ emissions trading using marginal abatement curves. MIT, Cambridge, MA.
- EU, 1996. Communication of the Community Strategy on Climate Change. Council of the EU,
- EU, 2005. Council of the European Union, Presidency conclusions, March 22-23. http://ue.eu.int/ueDocs/cms_Data/docs/pressData/en/ec/84335.pdf
- Fisher, B., Nakicenovic, N., Alfsen, K., Corfee Morlot, J., De la Chesnaye, F., Hourcade, J.-C., Jiang, K., Kainuma, M., La Rovere, E., Matysek, A., Rana, A., Riahi, K., Richels, R., Rose, S., Van Vuuren, D. P. and Warren, R., 2007. Issues related to mitigation in the long-term context. in Metz, B. and Davidson, O., IPCC Fourth Assessment Report. Report of Working Group III. Mitigation. Cambridge University Press, Cambridge.
- Fuglesvedt, J. S., Berntsen, T. K., Godal, O., Sausen, R., Shine, K. P. and Skodvin, T., 2003. Metrics of climate change: assessing radiative forcing and emission indices. *Climatic Change*. 58 267-331.
- Funtowicz, S. and Ravetz, J. R., 1993. Science for the post-normal age. *Futures*. 25 739-55.
- G8, 2006. Chair's Statement of G8 Energy Ministerial Meeting in Moscow. Ministry of Industry and Energy of the Russian Federation, <http://www.g7.utoronto.ca/energy/energy060316.html>.
- Gaffin, S. R., 1998. World population projections for greenhouse gas emissions scenarios. *Mitigation and Adapatation Strategies for Global Change*. 3 133-170.
- Giebel, G., 2005. Wind power has a capacity credit a catalogue of 50+ supporting studies. Risø National Laboratory,
- Gielen, D. and Kram, T., 1998. The role of non-CO₂ greenhouse gases in meeting Kyoto targets. *Economic Modelling of Climate Change*, Paris, OECD.
- Gilli, P.-V., Nakicenovic, N. and Kurz , R., 1995. First- and second-law efficiencies of the global and regional energy systems. WEC 16th Congress, Tokyo, Japan,
- Gitz, V. and Ciais, P., 2004. Future expansion of agriculture and pasture acts to amplify atmospheric CO₂ in response to fossil fuel and land-use change emissions. *Climatic Change*. 67 161-184.
- Godal, O., 2003. The IPCC's assessment of multidisciplinary issues: the case of greenhouse gas indices. *Climatic Change*. 58 243-249.
- Goldemberg, J., Ed. 2000. World Energy Assessment. UNDP/ UN-DESA/World Energy Council, New York.
- Graus, W., Harmelink , M. and Hendriks, C., 2004. Marginal GHG-Abatement curves for agriculture. Ecofys, Utrecht.
- Graveland, C., Bouwman, A. F., de Vries, H. J. M., Eickhout, B. and Strengers, B. J., 2002. Projections of multi-gas emissions and carbon sinks, and marginal abatement cost

- functions modelling for land-use related sources. MNP Netherlands Environmental Assessment Agency, Bilthoven. www.mnp.nl/en
- Groves, D. G. and Lempert, R. J., 2007. A new analytic method for finding policy-relevant scenarios. *Global Environmental Change*. 17 73–85.
- Grubb, M., 1993. The Cost of Limiting Fossil-Fuel CO₂ Emissions: A Survey and Analysis. in Socolow, R. H., Annual Review of Energy and the Environment. Annual Reviews, California.
- Grubb, M., 1997. Technologies, energy systems and the timing of CO₂ emissions abatement - An overview of economic issues. *Energy Policy*. 25 (2): 159-172.
- Grübler, A., Jefferson, M., McDonald, A., Messner, S., Nakicenovic, N., Rogner, H.-H. and Schratzenholzer, L., 1995. Global energy perspectives to 2050 and beyond. World Energy Council/IIASA, Laxenbourg, Austria.
- Grübler, A., 1998. Technology and global change. Cambridge University Press, Cambridge.
- Grübler, A., Nakicenovic, N. and Victor, D. G., 1999. Dynamics of energy technologies and global change. *Energy Policy*. 27 (5): 247-280.
- Grübler, A. and Nakicenovic, N., 2001. Identifying dangers in an uncertain climate. *Nature*. 412 15.
- Grübler, A., O'Neill, B. and Van Vuuren, D., 2006. Avoiding hazards of best-guess climate scenarios. *Nature*. 440 (7085): 740.
- Ha-Duong, M., Grubb, M. J. and Hourcade, J. C., 1997. Influence of socioeconomic inertia and uncertainty on optimal CO₂-emission abatement,. *Nature*. 390 (6657): 270-273.
- Hammitt, J. K., Lempert, R. J. and Schlesinger, M. E., 1992. A sequential-decision strategy for abating climate change. *Nature*. 357 315.
- Hanaoka, T., R. , Kawase, M., Kainuma, Y., Matsuoka, H., Ishii and Oka, K., 2006. Greenhouse Gas Emissions Scenarios Database and Regional Mitigation Analysis. NIES, Tsukuba.
- Hansen, J., Sato, M., Ruedy, R., Lacis, A. and Oinas, V., 2000. Global warming in the twenty-first century: an alternative scenario. *PNAS*.
- Hare, W. L. and Meinshausen, M., 2004. How much warming are we committed to and how much can be avoided? Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany. http://www.pik-potsdam.de/publications/pik_reports
- Hayhoe, K., Jain, A., Pitcher, H., MacCracken, C., Gibbs, M., Wuebbles, D., Harvey, R. and Kruger, D., 1999. Costs of multigreenhouse gas reduction targets for the USA. *Science*. 286 905-906.
- Hendriks, C., Graus, W. and van Bergen, F., 2002a. Global carbon dioxide storage potential and costs. Ecofys, Utrecht.
- Hendriks, C., Harmelink, M., Hofmans, Y. and de Jager, D., 2002b. Climate neutral energy carriers in the regulatory energy tax. Ecofys, Utrecht.
- Hendriks, C., Harmelink , M., Burges, K. and Ransel, K., 2004. Power and heat productions: plant developments and grid losses. Ecofys, Utrecht.
- Hijioka, Y., Masui, T., Takahashi, K., Matsuoka, Y. and Harasawa, H., 2005. Development of a support tool for greenhouse gas emissions control policy to help mitigate the

- impact of global warming. *Environmental Economics and Policy Studies*. 7 (3): 331-347.
- Hilderink, H. B. M., 2004. *Population & Scenarios, Worlds to win?* Netherlands Environmental Assessment Agency (RIVM-MNP), Bilthoven, the Netherlands.
- Holtsmark, B. J. and Alfsen, K. H., 2005. PPP-correction of the IPCC scenarios: Does it matter? *Climatic Change*. 68 (1): 11-19.
- Hoogwijk, M., 2004. On the global and regional potential of renewable energy sources. PhD-thesis. Science, Technology and Society. Utrecht University, <http://www.library.uu.nl/digiarchief/dip/diss/2004-0309-123617/full.pdf>
- Hoogwijk, M., H.J.M. de Vries and Turkenburg, W. C., 2004. Assessment of the global and regional geographical, technical and economic potential of onshore wind energy. *Energy Economics*. 26 889-919.
- Houghton, J. T., Ding, Y., Griggs, D. J., Noguer, M., van der Linden, P. J., Dai, X., Maskell, K. and Johnson, C. A., 2001. *Climate change 2001: The scientific basis*. Cambridge University Press, Cambridge.
- Houghton, R. A., 2003. Revised estimates of the annual net flux of carbon to the atmosphere from changes in land use and land management 1850-2000. *Tellus*. 55B 378-390.
- Hourcade, J. C., 1996. Estimating the Cost of Mitigating Greenhouse Gases. in Bruce, J. P., Lee, H. and Haites, E. F., *Climate Change 1995: Economic and Social Dimensions of Climate Change. Contribution of Working Group III to the Second Assessment Report of the IPCC*. Cambridge University Press Cambridge.
- Hourcade, J. C. and Shukla, P., 2001. Global, Regional and National Costs and Ancillary Benefits of Mitigation. in Metz, B., Davidson, O., Swart, R. and Pan, J., *Climate Change 2001: Mitigation*. Cambridge University Press, Cambridge.
- Hourcade, J. C., Jaccard, M., Bataille, C. and Ghersi, F., 2006. Hybrid Modeling: New Answers to Old Challenges Introduction to the Special Issue of The Energy Journal. *The Energy Journal*. Special issue #2
- Hulme, M. and Carter, T., 1999. Representing Uncertainty in Climate Change Scenarios and Impact Studies. in Carter, T., Hulme, M. and Viner, D., *ECLAT-2 Workshop Report*. Climatic Research Unit, Norwich.
- IEA, 2000. *World Energy Outlook 2000*. International Energy Agency, Paris.
- IEA, 2002. *World Energy Outlook 2002*. International Energy Agency, Paris.
- IEA, 2003a. *CO2 Emissions from Fuel Combustion 1971-2001 -- 2003 Edition*. International Energy Agency, Paris.
- IEA, 2003b. *Energy Statistics of OECD countries / Energy Statistics of non-OECD countries*. International Energy Agency, Paris.
- IEA, 2004a. *CO2 capture and storage*. International Energy Agency, Paris.
- IEA, 2004b. *World Energy Outlook 2004*. International Energy Agency, Paris.
- IEA, 2006a. *World Energy Outlook 2006*. IEA, Paris.
- IEA, 2006b. *Energy Statistics*. International Energy Agency, Paris.
- IIASA, 2001. <http://www.iiasa.ac.at/Research/POP/proj01/index.htm>. International Institute for Applied System Analysis,
- IMAGE-team, 2001. *The IMAGE 2.2 implementation of the IPCC SRES scenarios. A comprehensive analysis of emissions, climate change and impacts in the 21st century*.

- National Institute for Public Health and the Environment, Bilthoven, the Netherlands.
- IPCC, 2001. Climate Change 2001 - Synthesis Report. Cambridge University Press, Cambridge.
- IPCC, 2005. Special Report on CO₂ capture and storage. Cambridge University Press, Cambridge.
- IPCC, 2007. Climate change 2007 - The physical science basis. Summary for policy makers. Intergovernmental Panel on Climate Change, Geneva.
- Jaccard, M., 2006. Sustainable Fossil Fuels: The Unusual Suspect in the Quest for Clean and Enduring Energy. Cambridge University Press, Cambridge, UK.
- Jebaraja, S. and Iriyani, S., 2006. A review of energy models. *Renewable and Sustainable Energy Reviews*. 10 281-311.
- Jensen, J. and Thelle, M., 2001. What are the gains from a multi-gas strategy? Fondazione Eni Enrico Mattei, Milano, Italy,
- Jiang, K., Hu, X., Matsuoka, Y. and Morita, T., 1998. Energy Technology Changes and CO₂ Emission Scenarios in China. *Environment Economics and Policy Studies*. 1 141-160.
- Jiang, K., Morita, T., Masui, T. and Matsuoka, Y., 1999. Long-Term Emission Scenarios for China. *Environment Economics and Policy Studies*. 2 267-287.
- Junginger, M., Faaij, A. and Turkenburg, W. C., 2005. Global experience curves for wind farms. *Energy Policy*. 33 (2): 133-150.
- Kainuma, M., Matsuoka, Y., Hibino, G., Shimada, K., Ishii, H., Matsui, S. and Morita, T., 2003. Application of AIM/Enduse Model to Japan. in Kainuma, M., Matsuoka, Y. and Morita, T., Climate Policy Assessment - Asia-Pacific Integrated Modeling. Springer, Tokyo.
- Kaya, 1989. Impacts of carbon dioxide emissions on GWP: Interpretation of proposed scenarios. IPCC/Response Strategies Working Group, Geneva.
- Klimont, Z., Cofala, J., Bertok, I., Amann, M., Heyes, C. and Gyarfas, F., 2002. Modelling Particulate Emissions in Europe; A Framework to Estimate Reduction Potential and Control Costs. Report to the German Environmental Protection Agency (UBA). International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Kouvaritakis, N. and Panos, V., 2005. Uncertainty analysis of energy and climate change outlooks developed for the 2005 report. E3M-lab, National Technical University of Athens, Athens.
- Laherre, J. and Cambell, C., 1999. The end of cheap oil. *Scientific American*.
- Leemans, R., Eickhout, B., Strengers, B. J., Bouwman, A. F. and Schaefer, M., 2002. The consequences for the terrestrial carbon cycle of uncertainties in land use, climate and vegetation responses in the IPCC SRES scenarios. *Science in China. Series C*. 45 126-136.
- Leemans, R. and Eickhout, B. E., 2004. Another reason for concern: regional and global impacts on ecosystems for different levels of climate change. *Global Environmental Change*. 14 219-228.
- Leggett, J., Pepper, W. J., Swart, R. J., Edmonds, J., Meira Filho, L. G., Mintzer, I., Wang, M. X. and J., W., 1992. Emissions Scenarios for the IPCC: an Update. in Climate

- Change 1992: The Supplementary Report to The IPCC Scientific Assessment. Cambridge University Press, Cambridge, UK.
- Lejour, A., Veenendaal, P., Verweij, G. and van Leeuwen, N., 2006. WorldScan: a Model for International Economic Policy Analysis. CPB Netherlands Bureau for Economic Policy Analysis, The Hague, The Netherlands.
- Lempert, R., Nakicenovic, N., Sarewitz, D. and Schlesinger, M., 2004. Characterizing climate-change uncertainties for decision-makers. *Climatic Change*. 65 1–9.
- Li, Y., 2000. The costs of Implementing the Kyoto Protocol and its Implications to China. *International Review for Environmental Strategies*.
- Löschel, A., 2002. Technological change in economic models of environmental policy: a survey. *Ecological Economics*. 43 (2-3.): 105-126.
- Lucas, P., Den Elzen, M. J. E. and van Vuuren, D. P., 2002. Multi-gas abatement analysis of the Marrakesh Accords. Concerted Action on Tradable Emission Permits (CATEP), Kiel,
- Lucas, P. L., Den Elzen, M. G. J. and Van Vuuren, D. P., 2005. A multi-gas abatement analysis of the Kyoto Protocol. Netherlands Environmental Assessment Agency (MNP), Bilthoven, The Netherlands.
- Lucas, P. L., Van Vuuren, D. P., Olivier, J. G. J. and Den Elzen, M. G. J., 2007. Long-term reduction potential of non-CO₂ greenhouse gases. *Environmental Science & Policy*. 10 (2): 85-103.
- Lutz, W., Sanderson, W., Scherbov, S. and Goujon, A., 1996. World population scenarios for the 21st century. in Lutz, W., The Future Population of the World. What Can We Assume Today? Earthscan, London.
- Lutz, W., Sanderson, W. and Scherbov, S., 2001. The end of world population growth. *Nature*. 412 543-545.
- Lutz, W., Sanderson, W. and Scherbov, S., 2004. The End of World Population Growth. in W. Lutz, Sanderson, W. and Scherbov, S., The End of World Population Growth in the 21st Century - New Challenges for Human Capital Formation and Sustainable Development. Earthscan., London.
- MA, 2005. Our Human Planet: Summary for Decision Makers. Island Press, Washington DC.
- Manne, A. S. and Richels, R. G., 1994. The costs of stabilizing global CO₂ emissions: a probabilistic analysis based on expert judgments. *The Energy Journal* 15 (1): 31-56.
- Manne, A. S. and Richels, R. G., 2001. An alternative approach to establishing trade-offs among greenhouse gasses. *Nature*. 5 675-677.
- Manne, A. S. and Richels, R., 2003. Market exchange rates or purchasing power parity: Does the choice make a difference in the climate debate. Working paper 03-11. AEI-Brookings Joint Centre for Regulatory Studies,
- Manne, A. S. and Richels, R., 2004. The impact of learning-by-doing on the timing and costs of CO₂ abatement. *Energy Economics*. 26 603-619.
- Manne, A. S. and Richels, R. G., 2006. The role of non-CO₂ greenhouse gasses and carbon sinks in meeting climate objectives. *The Energy Journal*. Special issue #3

- Marchetti, C. and Nakicenovic, N., 1979. The Dynamics of Energy Systems and the Logistic Substitution Model. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Marland, G., Boden, T. A. and Andres, R. J., 2004. Global, Regional, and National Fossil Fuel CO₂ Emissions. Carbon Dioxide Information Analysis Center - Oak Ridge National Laboratory,, http://cdiac.esd.ornl.gov/trends/emis/meth_reg.htm
- Mastandrea, M. D. and Schneider, S. H., 2004. Probabilistic Integrated Assessment of dangerous climate change. *Science*. 304 571-574.
- Matthews, B. J. H. and van Ypersele, J. P., 2003. UNFCCC Article 2, stabilisation and uncertainty: engaging citizens with a web-based climate model. <http://www.choos-eclimate.org/>
- Mayerhofer, P., de Vries, B., den Elzen, M. G. J., van Vuuren, D. P., Onigkeit, J., Posch, M. and Guardans, R., 2002. Long-term, consistent scenarios of emissions, deposition and climate change in Europe. *Environmental Science and Policy*. 5 (4): 273-305.
- McCarthy, J. J., Canziani, O. F., Leary, N. A., Dokken, D. J. and White, K. S., 2001. Climate change 2001: Impacts, adaptation, and vulnerability. Cambridge University Press, Cambridge.
- McDonald, A. and Schrattenholzer , L., 2002. Learning curves and technology assessment. *International Journal of Technology Management*. 23 (7/8): 718-745.
- McKibbin, W. J., Peace, D. and Stegman, A., 2004. Long-run projections for climate change scenarios. Lowy Institute, Sydney.
- Meinshausen, M., 2006. On the risk of overshooting 2oC. in Schellnhuber, H. J., Cramer, W., Nakicenovic, N., Wigley, T. and Yohe, G., *Avoiding Dangerous Climate Change*. Cambridge University Press, Cambridge, UK.
- Meinshausen, M., Hare, B., Wigley, T. M. L., \van Vuuren, D. P., den Elzen, M. G. J. and Swart, R., in press. Multi-gas emission pathways to meet climate targets. *Climatic Change*.
- Metz, B., Davidson, O., Swart, R. and Pan, J., 2001. *Climate Change 2001: Mitigation*. Cambridge University Press, Cambridge.
- Metz, B. and Van Vuuren, D. P., 2006. How, and at what costs, can low-level stabilisation be achieved? –An overview. in Schellnhuber, H. J., Cramer, W., Nakicenovic, N., Wigley, T. and Yohe, G., *Avoiding Dangerous Climate Change*. Cambridge University Press, Cambridge.
- MIT, 2003. The future of nuclear power - an interdisciplinary MIT study. Massachusetts Institute of Technology, Cambridge, USA.
- MNP, 2005a. Limits to warming. In search of targets for global climate change. Netherlands Environmental Assessment Agency (MNP), Bilthoven, The Netherlands.
- MNP, 2005b. Kwaliteit en Toekomst. Verkenning van duurzaamheid. Netherlands Environment Assessment Agency, Bilthoven.
- Modi, V., McDade, S., Lallement, D. and Saghir, J., 2006. Energy and the Millennium Development Goals. Energy Sector Management Assistance Programme, United Nations Development Programme, UN Millennium Project, and World Bank, New York.

- Morita, T., Nakicenovic, N. and Robinson, J., 2000. Overview of Mitigation Scenarios for Global Climate Stabilisation based on New IPCC Emission Scenarios (SRES). *Environmental Economics and Policy Studies*. 3 (2): 65-88.
- Morita, T. and Robinson, J., 2001. Greenhouse gas emission mitigation scenarios and implications. in Metz, B., Davidson, O., Swart, R. and Pan, J., *Climate Change 2001: Mitigation*. Cambridge University Press, Cambridge.
- Moss, R. H. and Schneider, S. H., Eds. 2000. Uncertainties in the IPCC TAR: Recommendations to lead authors for more consistent assessment and reporting. *Guidance Papers on the Cross Cutting Issues of the Third Assessment Report of the IPCC*. World Meteorological Organization, Geneva.
- Mulders, F. M. M., Hettelar, J. M. M. and Van Bergen, F., 2006. Assessment of the global fossil fuel reserves and resources for TIMER. TNO Built Environment and Geosciences, Utrecht, The Netherlands.
- Müller, B., 2001. The Chinese Challenge to US Emission Dominance. Reality of Myth. Presentation at the Centre for European Policy Studies - 21 May 2001, Brussels.
- Murphy, J., 2004. Quantification of modelling uncertainties in a large ensemble of climate change simulations. *Nature*. 430 (768-772):
- Nakicenovic, N. and Swart, R., Eds. 2000. *Special Report on Emissions Scenarios (SRES)*. Cambridge University Press, Cambridge, UK.
- Nakicenovic, N., Grübler, A., Gaffin, S., Jung, T. T., Kram, T., Morita, T., Pitcher, H., Riahi, K., Schlessinger, M., Shukla, P. R., Van Vuuren, D. P., Davis, G., Michaelis, L., Swart, R. and Victor, N., 2003. IPCC SRES revisited: A response. *Energy & Environment*. 14 (2-3): 187-214.
- Nakicenovic, N. and Riahi, K., 2003. Model runs with MESSAGE in the context of the further development of the Kyoto protocol. International Institute for Applied Systems Analysis,
- Nakicenovic, N., Kolp, P., Riahi, K., Kainuma, M. and Hanaoka, T., 2006. Assessment of Emissions Scenarios Revisited. *Environmental Economics and Policy Studies*. 7 (3): 137-173.
- Namovicz, C., 2003. Update to the NEMS Wind Model. Renewable Energy Modeling Summit, www.epa.gov/cleanrgy/pdf/namovicz.pdf.
- New, M., Hulme, M. and Jones, P., 1997. A 1961-1990 mean monthly climatology of global land areas. Climate Research Unit, Norwich.
- New, M., M. Hulme and Jones, P., 1999. Representing twentieth century space-time climate variability, Part I: Development of a 1961-91 mean monthly terrestrial climatology. *American Meteorological Society*. March 1999 820 - 856.
- NIES, 2005. Emission scenario database. National Institute for Environmental Studies, Japan. http://www-cger.nies.go.jp/cger-e/db/enterprise/scenario/scenario_index_e.html
- Nordhaus, W. D., 1993. Rolling the DICE: An optimal transition path for controlling greenhouse gases. *Resource and energy economics*. 15 27-50.
- Nordhaus, W. D. and Popp, D., 1997. What is the value of scientific knowledge? An application to global warming using the PRICE model. *The Energy Journal*. 18 (1): 1-45.

- Nordhaus, W. D., 2005. Alternative measures of output in global economic-environmental models: purchasing power parity or market exchange rates? IPCC Expert Meeting on Emissions Scenarios, US-EPA, Washington DC, <http://www.econ.yale.edu/~nordhaus/homepage/homepage.htm>
- O'Neill, B. C., Balk, D., Brickman, M. and Ezra, M., 2001. A guide to global population projections. *Demographic Research.* 4 (8): 203-288.
- O'Neill, B. C. and Oppenheimer, M., 2002. Climate Change: Dangerous Climate Impacts and the Kyoto Protocol. *Science.* 296 1971-1972.
- O'Neill, B. C., 2003. Economics, natural science and the costs of global warming potentials. *Climatic Change.* 58 251-260.
- O'Neill, B. C. and Desai, M., 2004. The historical accuracy of projections of U.S. energy consumption. *Energy Policy.* 33 (8): 979-993.
- O'Neill, B. C., 2004. Conditional Probabilistic Population Projections: An Application to Climate Change. *International Statistical Review.* 72 (2): 167-184.
- O'Neill, B. C., 2005. Population Scenarios Based on Probabilistic Projections: An Application for the Millennium Ecosystem Assessment Population and Environment. 26 (3): 229-254.
- Olivier, J. G. J. and Berdowski, J. J. M., 2001. Global emissions sources and sinks. in Berdowski, J., Guicherit, R. and Heij, B. J., *The Climate System.* A.A. Balkema Publishers/Swets & Zeitlinger Publishers, Lisse, The Netherlands.
- Olivier, J. G. J. and Peters, J. A. H. W., 2002. Uncertainties in global, regional and national emission inventories. Non-CO₂ greenhouse gases: scientific understanding, control options and policy aspects. *Proceedings of the Third International Symposium.*, Maastricht,
- Olivier, J. G. J., 2004. EDGAR 3: Uncertainties. National Institute for Public Health and the Environment, Bilthoven. <http://arch.rivm.nl/env/int/coredata/edgar/>
- Patt, A. and Dessai, S., 2005. Communicating uncertainty: lessons learned and suggestions for climate change assessment. *C. R. Geoscience.* 337 425-441.
- Patt, A., 2007. Assessing model-based and conflict-based uncertainty. *Global Environmental Change.* 17 37-46.
- Pepper, W., Sankovski, A. and Leggett, J., 2005. Probabilistic modeling of sulfur and nitrogen pollution controls and their relations with income. *Journal of Environment & Development.* 14 (1): 197-219.
- Person, U. M., Johansson, D. J. and Azar, C., 2004. Integrated assessment of the economic trade-off between CO₂, CH₄ and N₂O abatement - efficiency losses from using static GWPs.
- Posch, M., 2002. Impacts of climate change on critical loads and their exceedances in Europe. *Environmental Science & Policy.* 5 (4): 307-318.
- Rao, S. and Riahi, K., 2006. The role of non-CO₂ greenhouse gases in climate change mitigation: long-term scenarios for the 21st century. *Energy Journal.* Special issue #3
- Reijnders, H. T. J., de Groot, A. and Lako, P., 2001. Evaluatie van waterstof-gebaseerde concepten en systemen. ECN, Petten.
- Reilly, J., Prinn, R., Harnisch, J., Fitzmaurice, J., Jacoby, H., Kicklighter, D., Melillo, J., Stone, P., Sokolov, A. and Wang, C., 1999. Multi-gas assessment of the Kyoto Protocol. *Nature.* 401 549-555.

- Reilly, J. M. and Paltsev, S., 2006. The Role of Non-CO₂ Greenhouse Gases in Climate Policy: Analysis Using the MIT IGSM. *Energy Journal*. Special issue
- Riahi, K. and Roehrl, R. A., 2000. Greenhouse gas emissions in a dynamics-as-usual scenario of economic and energy development. *Technological forecasting and social change*. 63 (2-3):
- Richels, R. G., Manne, A. S. and Wigley, T. M. L., 2004. Moving beyond concentrations: the challenge of limiting temperature change. AEI-Brookings Joint Center for regulatory studies, Washington D.C.
- RIVM, EFTEC, NTUA and IIASA, 2001. European Environmental Priorities: An integrated economic and environmental assessment. National Institute of Public Health and the Environment, Bilthoven.
- Rogner, H. H., 1997. An assessment of World Hydrocarbon Resources. *Annual Review of Energy and the Environment* 22 217–262.
- Rosegrant, M. W., Cai, X. and Cline, S., 2002. World water and food to 2025: Dealing with scarcity. International Food Policy Research Institute, Washington DC.
- Rotmans, J. and de Vries, H. J. M., 1997. Perspectives on Global Change: The TARGETS approach. Cambridge University Press., Cambridge, UK.
- Saltelli, A., Chan, K. and Scott, E. M., 2000. Sensitivity analysis. Wiley and Sons, Chichester.
- Saltelli, A., Tarantola, S., Campolongo, F. and Ratto, M., 2004. Sensitivity analysis in practice. A guide to assessing scientific models. Wiley and Sons, Chichester.
- Sands, R. and Kejun, J., 2001. Second Generation Model for China. Presentation at the Sino-Korea- US Economic and Environmental Modelling Workshop - 23–25 May 2001, Beijing, U.S. Environmental Protection Agency, Pacific Northwest National Laboratory, Washington, DC.
- Scheele, E. A. and Kruger, D., 2006. Global anthropogenic methane and nitrous oxide emissions. *The Energy Journal*. Special issue #3
- Schlesinger, M. E., Malyshev, S., Rozanov, E. V., Yang, F., Andronova, N. G., de Vries, H. J. M., Grübler, A., Jiang, K., Masui, T., Morita, T., Nakicenovic, N., Penner, J., Pepper, W., Sankovski, A. and Zhang, Y., 2000. Geographical distributions of temperature change for scenarios of greenhouse gas and sulphur dioxide emissions. *Technological Forecasting and Social Change*. 65 (167-193):
- Schneider, S. H., 2001. What is “Dangerous” Climate Change? *Nature*. 411 17–19.
- Schneider, S. H., 2002. Can we estimate the likelihood of climatic changes at 2100? An Editorial Comment. *Climatic Change*. 52 441–451.
- Scott, M. J., Sands, R. D., Edmonds, J., Liebetrau, A. M. and Engel, D. W., 1999. Uncertainty in integrated assessment models: modeling with MiniCAM 1.0. *Energy Policy*. 27 (14): 597.
- Shlyakhter, A. I., Kammen, D. M., Broido, C. L. and Wilson, R., 1994. Quantifying the credibility of energy projections from trends in past data. *Energy Policy*. 2 119–130.
- Sims, R. E. H., Rogner, H. H. and Gregory, K., 2003. Carbon emission and mitigation cost comparisons between fossil fuel, nuclear and renewable energy resources for electricity generation. *Energy Policy*. 31 1315–1326.

- Sinton, J. E. and Fridley, D. G., 2000. What goes up: recent trends in China's energy consumption. *Energy Policy*. 28 671-687.
- Smeets, W. and Wijngaart, R., van den, 2002. Synergie tussen klimaat en verzureingsbeleid (Synergy between climate and acidification policies) (in Dutch). RIVM, Bilthoven.
- Smil, V., 1994. Energy in world history. Westview Press, Boulder, Colorado.
- Smil, V., 2000. Perils of long-range energy forecasting: reflections on looking far ahead. *Technological Forecasting and Social Change*. 65 251-264.
- Smil, V., 2003. Energy at the crossroads, global perspectives and uncertainties. MIT press, Cambridge, USA.
- Smith, S. J., Andres, R. J., Conception, E. and Lurz, J., 2004. Historical sulphur dioxide emissions: 1850-2000: Methods and results. PNNL, Washington D.C. globalchange. umd.edu
- Smith, S. J., Pitcher, H. and Wigley, T. M. L., 2005. Future sulphur dioxide emissions. *Climatic Change*. 73 (3): 267-318.
- Stern, D. I., 2003. Global sulfur emissions in the 1990s. Renselaer Polytechnic Institute, Troy.
- Strengers, B. J., Leemans, R., Eickhout, B., de Vries, B. and Bouwman, A. F., 2004. The land use projections in the IPCC SRES scenarios as simulated by the IMAGE 2.2 model. *GeoJournal*. 61 (4): 381 - 393.
- Strengers, B. J., Van Minnen, J. and Eickhout, B., 2007. The role of carbon plantations in mitigating climate change: potentials and costs. *Climatic Change*. Accepted for publication
- Swart, R., Mitchell, J., Morita, T. and Raper, S., 2002. Stabilisation scenarios for climate impact assessment. *Global Environmental Change*. 12 (3): 155-165.
- Swart, R. J., Raskin, P. and Robinson, J., 2004. The problem of the future: sustainability science and scenario analysis. *Global Environmental Change*. 14 137-146.
- Sweeney, J., Weyant, J., Bhattacharjya, D., Blanford, G., Calvin, K., Eom, J., Gillingham, K., Hong, T., Mascarenhas, O., Mokriam, P. and Sharma, D., 2006. Integrated assessment of energy technologies: An overview. Stanford University, Stanford.
- Syri, S., Amann, M., Capros, P., Mantzos, L., Cofala, J. and Klimont, Z., 2001. Low CO₂ energy pathways and regional air pollution in Europe. *Energy Policy*. 29 871-884.
- Timmer, H., 2005. PPP vs. MER: A view from the World Bank. IPCC Expert Meeting on Emission Scenarios, Washington D.C., IPCC Technical Support Unit WG-III.
- TNO, 2006. Fossil fuel resources estimates.
- Tol, R. S. J., 1996. A decision-analytic treatise of the enhanced greenhouse effect. Economic sciences and econometricd. Free University, Amsterdam.
- Tol, R. S. J., 1999. The marginal costs of greenhouse gas emissions. *Energy Journal*. 20 (1): 61-81.
- UN, 1998. World Population Projections to 2150. United Nations, New York.
- UN, 2003. World Population Prospects - The 2002 Revision. Highlights. United Nations, New York.
- UN, 2004. World Population to 2300. United Nations, New York.
- UN, 2005. World Population Prospects: The 2004 Revision. CD-ROM Edition – Extended Dataset. United Nations, Department of Economic and Social Affairs, Population Division,

- UN/ECE, 1999. Protocol to the 1979 Convention on Long-range Transboundary Air Pollution to Abate Acidification, Eutrophication and Ground-level Ozone. United Nations Economic Commission for Europe., Geneva, Switzerland.
- UNEP, 2002. Global Environment Outlook 3. EarthScan, London, UK.
- UNFCCC, 2002. Methodological Issues, Scientific and methodological assessment of contributions to climate change, Report of the expert meeting, Note by the secretariat, FCCC/SBSTA/2002/INF.14 (<http://www.unfccc.int>).
- Unruh, G. C., 2002. Escaping carbon lock-in. Energy Policy. 30 (4): 317-325.
- US.BoC, 2003. International Data Base - updated 17 July 2003. US.Bureau of the Census, <http://www.census.gov/ipc/www/idbnew.html>,
- US.BoC, 2005. International Data Base - Updated 26 April 2005. US.Bureau of the Census, <http://www.census.gov/ipc/www/idbnew.html>,
- US.DoE, 2001. International Energy Outlook. US Department of Energy - Energy Information Administration, Washington D.C.
- US.DoE, 2003. International Energy Outlook. US Department of Energy - Energy Information Administration, Washington D.C.
- US.DoE, 2004a. Total Carbon Dioxide Emissions from the Consumption of Petroleum, Natural Gas, Coal, and the Flaring of Natural Gas, All Countries, 1980-2002. US Department of Energy - Energy Information Administration, Washington DC.
- US.DoE, 2004b. International Energy Outlook. US Department of Energy - Energy Information Administration, Washington D.C.
- USEPA, 1999. U.S. Methane Emissions 1990-2020: Inventories, Projections, and Opportunities for Reductions. USEPA, Washington, DC. (<http://www.epa.gov/methane>)
- Van Beek, N., 1999. Classification of Energy Models. Tilburg University, Tilburg, The Netherlands.
- van der Sluijs, J. P., Potting, J., Risbey, J., van Vuuren, D. P., de Vries, B., Beusen, A., Heuberger, P., Corral Quintana, S., Funtowicz, S., Kloprogge, P., Nuijten, D., Petersen, A. and Ravetz, J., 2002. Uncertainty assessment of the IMAGE/TIMER B1 CO₂ emissions scenario, using the NUSAP method. Dutch National Research Program on Climate Change, Bilthoven.
- Van der Sluijs, J. P., Risbey, J. S., Kloprogge, P., Ravetz, J. R., Funtowicz, S. O., Corral Quintana, S., Guimaraes Pereira, A., De Marchi, B., Petersen, A. C., Janssen, P. H. M., Hoppe, R. and Huijs, S. W. F., 2003. RIVM/MNP Guidance for Uncertainty Assessment and Communication. Detailed Guidance. Utrecht University, Utrecht.
- Van Harmelen, T., Bakker, J., de Vries, B., van Vuuren, D. P., den Elzen, M. G. J. and Mayehofen, P., 2002. An analysis of the costs and benefits of joint policies to mitigate climate change and regional air pollution in Europe. Environmental Science and Policy. 5 (4): 349-365.
- Van Ruijven, B., Van Vuuren, D. P. and de Vries, H. J. M., in press. The potential role of hydrogen in energy systems with and without climate policy. International Journal of Hydrogen Energy.
- van Vuuren, D., Zhou, F., Vries, B., Jiang, K., Graveland, C. and Li, Y., 2003a. Energy and emission scenarios for China in the 21st century - exploration of baseline development and mitigation options. Energy Policy. 31 369-387.

- van Vuuren, D. P. and Bakkes, J. A., 1999. GEO-2000 Alternative Policy Study for Europe and Central Asia. United Nations Environment Programme, Bilthoven.
- van Vuuren, D. P. and de Vries, H. J. M., 2001. Mitigation scenarios in a world oriented at sustainable development: the role of technology, efficiency and timing. *Climate Policy*. 1 189-210.
- van Vuuren, D. P., Fengqi, Z., de Vries, H. J. M., Kejun, J., Graveland, C. and Yun, L., 2001. Energy and emission scenarios for China in the 21st century. National Institute of Public Health and the Environment (RIVM), Bilthoven, The Netherlands.
- van Vuuren, D. P., Cofala, J., Eerens, H., Oostenrijk, R., Heyes, C., Klimont, Z., Den Elzen, M. G. J. and Amann, M., 2003b. Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe. EEA, Copenhagen.
- Van Vuuren, D. P., Den Elzen, M. G., Berk, M. M., Lucas, P. L., Eickhout, B., Eerens, H. and Oostenrijk, R., 2003c. Regional costs and benefits of alternative post-Kyoto climate regimes. National Institute for Public Health and the Environment, Bilthoven, The Netherlands.
- van Vuuren, D. P., Fengqi, Z., de Vries, B., Kejun, J., Graveland, C. and Yun, L., 2003d. Energy and emission scenarios for China in the 21st century - exploration of baseline development and mitigation options. *Energy Policy*. 31 369-387.
- van Vuuren, D. P., de Vries, H. J. M., Eickhout, B. and Kram, T., 2004. Responses to technology and taxes in a simulated world. *Energy Economics*. 26 (4): 579-601.
- van Vuuren, D. P., Eickhout, B., Lucas, P. and den Elzen, M. G. J., 2006a. Long-term multi-gas scenarios to stabilise radiative forcing - Exploring costs and benefits within an integrated assessment framework. *Energy Journal*. Special issue #3
- van Vuuren, D. P. and O'Neill, B. C., 2006. The consistency of IPCC's SRES scenarios to 1990-2000 trends and recent projections. *Climatic Change*. 75 (1-2): 9-46.
- van Vuuren, D. P., van Ruijven, B., Hoogwijk, M., Isaac, M. and De Vries, B., 2006b. TIMER-2 - Model description and application. in Bouwman, L., Kram, T. and Klein-Goldeijk, K., IMAGE 2.4 Model description. MNP - Netherlands Environmental Assessment Agency, Bilthoven.
- van Vuuren, D. P., Weyant, J. and De la Chesnaye, F., 2006c. Multigas scenarios to stabilise radiative forcing. *Energy Economics*. 28 (1): 102-120.
- van Vuuren, D. P., Den Elzen, M. G. J., Lucas, P., Eickhout, B. E., Strengers, B. J., Van Ruijven, B., Wonink, S. and Van Houdt, R., 2007. Stabilizing greenhouse gas concentrations at low levels: an assessment of reduction strategies and costs. *Climatic Change*. 81 (2): 119-159.
- Wang, X. and Smith, K. R., 1999. Secondary benefits of greenhouse gas control: health impacts in china. *Environmental science and technology*. 33 (18): 3056-3061.
- Webster, M. and Cho, C.-H., 2006. Analysis of variability and correlation in long-term economic growth rates. *Energy Economics*. 28 653-666.
- Webster, M. D., Babiker, M. H., Mayer, M., Reilly, J. M., Harnisch, J., Hyman, R., Sarofim, M. C. and Wang, C., 2002. Uncertainty in emissions projections for climate models. *Atmospheric Environment*. 36 (22): 3659-3670.
- Webster, M. D., Forest, C., Reilly, J. M., Babiker, M., Kickligher, D., Mayer, M., Prinn, R., Sarofim, M. C., Sokolov, A., Stone, P. and Wang, C., 2003. Uncertainty analysis of climate change and policy response. *Climatic Change*. 61 295-320.
- Wene, C. O., 2000. Experience Curves for Energy Technology Policy. OECD/IEA, Paris.

- Weyant, J., 1999. The costs of the Kyoto protocol: a multi-model evaluation. *The Energy Journal*. Special issue
- Weyant, J., 2000. An introduction to the economics of climate change policies. PEW center, Arlington VA.
- Weyant, J. P., 2001. Overview of Energy Modeling Forum—Process and Studies. China-Korea-U.S. Economic and Environmental Modeling Workshop, Beijing, U.S. Environmental Protection Agency, Pacific Northwest National Laboratory, Washington, DC.
- Weyant, J. P., de la Chesnaye, F. C. and Blanford, G. J., 2006. Overview of EMF-21: Multi-gas Mitigation and Climate Policy *The Energy Journal*. special issue
- White-House, 2002. Executive Summary of Bush Climate Change Initiative.
- Wigley, T. M. L., 1991. Could reducing fossil-fuel emissions cause global warming. *Nature*. 349 503–506.
- Wigley, T. M. L., Richels, R. and Edmonds, J. A., 1996. Economic and environmental choices in stabilisation of atmospheric CO₂ concentrations. *Nature*. 369 240-243.
- Wigley, T. M. L., 1998. The Kyoto Protocol: CO₂, CH₄ and climate implications. *Geophys Res Lett*. 25 2285-2288.
- Wigley, T. M. L. and Raper, S. C. B., 2001. Interpretation of high projections for global-mean warming. *Science*. 293 451-454.
- Wigley, T. M. L., 2003. Modelling climate change under no-policy and policy emissions pathways. Organisation for Economic Co-operation and Development, Paris.
- Witze, A., 2007. That's oil, folks... *Nature*. 445 14-17.
- WorldBank, 2004. World Economic Prospects 2004. Worldbank, Washington DC.
- WorldBank, 2005. World Development Indicators. Worldbank, Washington DC.
- WorldBank, 2006. World Development Indicators. World Bank, Washington DC.
- Worrell, E., Ramesohl, S. and Boyd, G., 2004. Advances in energy forecasting models based on engineering economics. *Annual Review of Environment and Resources*. 29 345-381.
- Wurster, R. and Zittel, D. W., 1994. Hydrogen energy. LB systemtechnik, Ottobrunn, Germany.
- Yohe, G., Andronova, N. and Schlesinger, M., 2004. To hedge or not to hedge against an uncertain climate future? *Science*. 306 416-417.
- Zhang, Z. X., 1998. Cost-effective analysis of carbon abatement options in China's electricity sector. *Energy Sources*. 20 385–405.
- Zhang, Z. X. and Folmer, H., 1998. Economic modeling approaches to cost estimates for the control of carbon dioxide emissions. *Energy Econ*. 20 101-120.
- Zhang, Z. X., 2001. Why has the energy intensity fallen in China's industrial sector in the 1990s? The relative importance of structural change and intensity change. CCSO Working Papers. University of Groningen. , Groningen, The Netherlands.
- Zongxin, W. and Zhihong, W., 1997. Mitigation Assessment results and priorities for China's energy sector. *Applied energy*. 56 (3/4): 237–251.
- Zurek, M. and Henrichs, T., 2006. Linking Scenarios across geographical scales. submitted.