

Articles in peer-review journals

- de Kruijf, H. A. M. and D. P. van Vuuren, 1998. Multidisciplinary indicators for Sustainable Development in view of the North-South dialogue. *Ecotoxicology and environmental safety.* 40 (1-2): 4-14.
- Van Vuuren, D. P., B. J. Strengers and H. J. M. De Vries, 1999. Long-term perspectives on world metal use - a model-based approach. *Resources Policy.* 25 (4): 239-255.
- Van Vuuren, D. P. and E. M. W. Smeets, 2000. EFs of Benin, Bhutan, Costa Rica and the Netherlands. Information for debate or debatable information. *Ecological Economics.* 34 (234): 115-130.
- van Vuuren, D. P. and H. J. M. de Vries, 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. and E. M. W. Smeets, 2001. Ecological Footprints: reply to A.R.B. Ferguson. *Ecological Economics.* 37 (234): 1-3.
- Bouwman, L., D. P. van Vuuren, R. G. Derwent and M. Posch, 2002. Global assessment of acidification and eutrophication of natural ecosystems. *Water air and soil pollution.* 141 (1-4): 349-382.
- Mayerhofer, P., B. de Vries, M. den Elzen, D. van Vuuren, J. Onigkeit, M. Posch and R. Guardans, 2002. Long-term, consistent scenarios of emissions, deposition, and climate change in Europe. *Environmental Science and Policy.* 5 (4): 273-305.
- Metz, B., M. Berk, M. den Elzen, B. de Vries and D. P. van Vuuren, 2002. Towards an equitable global climate change regime: compatibility with Article 2 of the Climate Change Convention and the link with sustainable development. *Climate Policy.* 2 (2-3): 211-230.
- van Harmelen, T., J. Bakker, B. De Vries and D. van Vuuren, 2002. Long-term reductions in costs of controlling regional air pollution in Europe due to climate policy. *Environmental Science and Policy.* 5 (4): 349-365.
- van Vuuren, D. P., M. den Elzen, M. M. Berk and A. de Moor, 2002. An evaluation of the level of ambition and implications of the Bush Climate Change Initiative. *Climate policy.* 2 (4): 293-301.
- Nakicenovic, N., A. Grübler, S. Gaffin, T. T. Jung, T. Kram, T. Morita, H. Pitcher, K. Riahi, M. Schlessinger, P. R. Shukla, D. P. Van Vuuren, G. Davis, L. Michaelis, R. Swart and N. Victor, 2003. IPCC SRES revisited: A response. *Energy & Environment.* 14 (2-3): 187-214.
- Van Vuuren, D., Z. Fengxi, B. De Vries, J. Kejun, C. Graveland and L. Yun, 2003. 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., M. G. den Elzen, M. M. Berk, P. L. Lucas, B. Eickhout, H. Eerens and R. Oostenrijk, 2003. 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., H. J. M. de Vries, B. Eickhout and T. Kram, 2004. Responses to technology and taxes in a simulated world. *Energy Economics.* 26 (4): 579-601.
- Alcamo, J., D. van Vuuren, C. Ringler, W. Cramer, T. Masui, J. Alder and K. Schulze, 2005. Changes in nature's balance sheet: Model-based estimates of future worldwide ecosystem services. *Ecology and society* 10 (2):
- Den Elzen, M. G. J., P. Lucas and D. P. Van Vuuren, 2005. Abatement costs of post-Kyoto climate regimes. *Energy Policy.* 33 (16): 2138-2151.
- Sitch, S., V. Brovkin, W. Von Bloh, D. P. Van Vuuren, B. Eickhout and G. A., 2005. Impacts of future land cover changes on atmospheric CO₂ and climate. *Global biogeochemical cycles* 19 (2):

- Van Vuuren, D. P. and A. F. Bouwman, 2005. Exploring past and future changes in the ecological footprint for world regions. *Ecological economics* 52 (1): 43-62.
- Xenopoulos, M. A., D. M. Lodge, J. Alcamo, M. Märker, K. Schulze and D. P. van Vuuren, 2005. Scenarios of freshwater fish extinctions from climate change and water withdrawal. *Global Change Biology*. 11 (10): 1557-1564.
- Cumming, G. S. and D. P. Van Vuuren, 2006. Will climate change affect ectoparasite species ranges? *Global Ecology and Biogeography*. 15 (5): 486-497.
- Den Elzen, M. G. J., M. Meinshausen and D. P. van Vuuren, 2006. Multi-gas emission envelopes to meet greenhouse gas concentration targets: costs versus certainty of limiting temperature increase. *Global Environmental Change*.
- Grubler, A., B. O'Neill and D. Van Vuuren, 2006. Avoiding hazards of best-guess climate scenarios. *Nature*. 440 (7085): 740.
- Meinshausen, M., B. Hare, T. M. L. Wigley, D. P. van Vuuren, M. G. J. den Elzen and R. Swart, 2006. Multi-gas emission pathways to meet arbitrary climate targets. *Climatic Change*. 75 (1-2): 151 - 194.
- Metz, B. and D. P. Van Vuuren, 2006. How, and at what costs, can low-level stabilisation be achieved? –An overview. in H. J. Schellnhuber, W. Cramer, N. Nakicenovic, T. Wigley and G. Yohe, *Avoiding Dangerous Climate Change*. Cambridge University Press, Cambridge.,
- Schaeffer, M., B. Eickhout, M. Hoogwijk, B. Strengers, D. P. Van Vuuren, R. Leemans and T. Opesteegh, 2006. CO₂ and albedo climate impacts of extratropical carbon and biomass plantations. *Global Biogeochem. Cycles*. 20 (2): GB2020.
- Van Vuuren, D. P. and K. Alfsen, 2006. PPP versus MER: searching for answers in A multi-dimensional debate. *Climatic Change*. 75 (1-2): 47 - 57.
- van Vuuren, D. P., J. Cofala, H. E. Eerens, R. Oostenrijk, C. Heyes, Z. Klimont, M. G. J. den Elzen and M. Amann, 2006. Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe. *Energy Policy*. 34 (4): 444-460.
- van Vuuren, D. P., B. Eickhout, P. Lucas and M. G. J. den Elzen, 2006. Long-term multi-gas scenarios to stabilise radiative forcing - Exploring costs and benefits within an integrated assessment framework. *Energy Journal*. Special issue
- Van Vuuren, D. P. and B. O'Neill., 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., O. E. Sala and H. M. Pereira, 2006. The future of vascular plant diversity under four global scenarios. *Ecology and Society*. 11 (2): 25.
- van Vuuren, D. P., J. Weyant and F. De la Chesnaye, 2006. Multigas scenarios to stabilise radiative forcing. *Energy Economics*. 28 (1): 102-120.
- de Vries, H. J. M., M. Hoogwijk and D. P. Van Vuuren, 2007. Potential of wind, solar and biofuels. *Energy Policy*. 35 (4): 2590-2610.
- Van Vuuren, D. P., P. Lucas and H. Hilderink, 2007. Downscaling drivers of global environmental change. Enabling use of global SRES scenarios at the national and grid levels. *Global Environmental Change*. 17 (1): 114-130.
- van Vuuren, D. P., M. G. J. Den Elzen, P. Lucas, B. E. Eickhout, B. J. Strengers, B. Van Ruijen, S. Wonink and R. Van Houdt, 2007. Stabilizing greenhouse gas concentrations at low levels: an assessment of reduction strategies and costs. *Climatic Change*. 81 (2): 119-159.

- Hoogwijk, M., D. P. Van Vuuren, B. de Vries and W. Turkenburg, In press. Exploring the impact on cost and electricity production of high penetration levels of intermittent electricity in OECD Europe and the USA, results for wind energy. *Energy Journal*.
- Lucas, P. L., D. P. van Vuuren, J. G. J. Olivier and M. G. J. Den Elzen, in press. Long-term reduction potential of non-CO₂ greenhouse gases. *Environmental Science & Policy*.
- Van Ruijven, B., D. P. Van Vuuren and H. J. M. de Vries, in press. The potential role of hydrogen in energy systems with and without climate policy. *International journal for hydrogen energy*.