

Curriculum Vitae Pim Martens (update December 2011)

1. Personal details

Title(s), initial(s), first name, surname: Prof. Dr. Pim Martens
Male/female: Male
Date and place of birth: June 29, 1968 in Heerlen, The Netherlands
Marital Status: Married, one daughter and one son (Robin, born 10 June 2001; Timo, born 10 May 2003)
Nationality: Dutch

Address:



Office:
International Centre for Integrated assessment and Sustainable development (ICIS)
Maastricht University
P.O. Box 616
6200 MD Maastricht
The Netherlands
Phone: +31-43-3883555
Fax: +31-43-3884916
Email: p.martens@maastrichtuniversity.nl
Website: www.pimmartens.info

Home:
Tolenhof 3
6442 BC Brunssum
The Netherlands

2. Masters

1991: M.Sc., Biological Health Sciences, Maastricht University, The Netherlands
Traineeship: Department of Medical Microbiology, University Hospital Maastricht.
Title thesis: *'The detection and analysis of cytomegalovirus in human and animal tissues'*.
1993: M.Sc., Environmental Health Sciences, Maastricht University, The Netherlands
Traineeship: Department of Mathematics, Maastricht University
Title thesis: *'Modelling the impacts of climate change on malaria risk'*

3. Doctorate

1997: Ph.D., Department of Mathematics, Maastricht University, The Netherlands
Title dissertation: *'Health Impacts of Climate Change and Ozone Depletion: an Eco-Epidemiological Modelling Approach'*
Supervisors: Prof. Dr. Ir. J. Rotmans & Prof. Dr. Ir. Drs. K. Vrieze

4. Work experience since graduating

Scientific experience

1993-1997 PhD-student, Maastricht University, Department of Mathematics, Maastricht, the Netherlands
1993-1997 Researcher project 'Global Dynamics and Sustainable Development', Dutch National Institute of Public Health and the Environment (RIVM), Bilthoven, The Netherlands
1997-1998 Assistant Professor, Maastricht University, Department of Mathematics, Maastricht, The Netherlands
1998-2004 Senior Researcher International Centre for Integrated assessment and Sustainable development (ICIS), Maastricht University, Maastricht, The Netherlands
2001-2003 Honorary Senior Lecturer, Department of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine, UK
2004-2008 Extraordinary Professor of Sustainable Development, Maastricht University, Open University, Zuyd University.

- 2008-2010 Research Professor of Globalisation, KOF Swiss Economic Institute, ETH Zurich.
 2008-2011 Leverhulme Professor Institute of Biological, Environmental and Rural Sciences, Aberystwyth University, Wales.
2008-present Full Professor of Sustainable Development, Maastricht University.
2010-present Guest professor of Global Dynamics and Sustainable Development, Leuphana University Lüneburg, Germany.
2011-present Honorary Professor School of Public Management and Planning, Stellenbosch University, South-Africa.

Management duties

- 2001-2004 Deputy Director International Centre for Integrated assessment and Sustainable development (ICIS), Maastricht University, the Netherlands.
2006-present Member Management Team Faculty of Humanities and Sciences, University Maastricht.
2004-present Scientific Director International Centre for Integrated assessment and Sustainable development (ICIS), Maastricht University, the Netherlands.
2007-present Vice-dean, Faculty of Humanities and Sciences, University Maastricht.
2010-present Academic Director Maastricht University Graduate School of Sustainability Science (MUST).

Consultancy

- 1997 Technical assistance to national study team on health impacts assessment Antigua-Barbuda, Ministry of Trade and Planning, February 21-28, UNEP/CICERO. Project 'Country Case Studies on Climate Change Impacts and Adaptation Assessment'.
 1997 Technical assistance to national study team on health impacts assessment Cameroon, Ministry of Trade and Planning, July 29-31, UNEP/CICERO. Project 'Country Case Studies on Climate Change Impacts and Adaptation Assessment'
 1999 Consultant 'Climate Change and Malaria Risk in Thailand'. Project 'Global Climate Change: Emissions, Control, and Economic Analysis', Stratus Consulting Inc., Boulder, US.
 1999-2000 Consultant to the Commission on 'Climate Policy', Dutch Ministry of Economic Affairs and Ministry of Housing, Physical Planning and Environment.
 2000 Consultant to the Advisory Council to the Dutch Government on Nature and the Environment (RMNO), National Environmental Policy Plan 4: 'Sustainability and the quality of life'.
 2001 Consultant to the Council for Public Health & Health Care ('Raad voor Volksgezondheid en Zorg (RvZ)): 'New risks for public health'.
 2001 Consultant to the Dutch Health Council: 'Health risks of climate change for the Netherlands'.
 2002-2003 Consultant 'Sustainable Entrepreneurship ENCI'
 2003 Consultant 'Sustainable Entrepreneurship NM (Nutsbedrijven Maastricht)'
 2004-2006 Consultant 'Sustainable Entrepreneurship Essent'

Teaching Experience

- 1993-2003 Course co-ordinator graduate course in Environmental Health Science, Maastricht University: 'Human-Environment Relationships'
 1994 Member Planning Committee Curriculum 'Environmental Health Sciences', Maastricht University.
 1995-2002 Course co-ordinator graduate course in Environmental Health Science, Maastricht University: 'Environmental Models in Perspective'
 1996-1999 Visiting lecturer London School of Hygiene and Tropical Medicine in course 'Emerging Themes in Epidemiology'.
 1996-2003 Lecturer graduate courses in Knowledge Engineering, Maastricht University: 'Introduction Knowledge Technology', 'Mathematical Models' and 'Man-Computer Interaction and Multimedia'.
 1997 Visiting lecturer Harvard University in course 'New and Resurgent Diseases'.
 1999-2002 Course co-ordinator graduate course 'Environment and Global Development', Centre for European Studies, Maastricht.
 1998 Member Scientific Panel European Advanced Study Course 'Climate Change and Human

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| | Health', European Commission Environment and Climate Programme. |
| 1999-2004 | Lecturer international course 'Ecology and Economy', Maastricht/Aachen University. |
| 1999-2000 | Project leader 'Education and the Internet', 'Grenslandbeleid' Maastricht University and Principle Investigator project 'Electronic Syllabi', IWI. |
| 2002-2005 | Co-ordinator 'minor Sustainability Science', University College Maastricht. |
| 2003-2004 | Lecturer course 'Sustainable Development – the broad natural science perspective' Utrecht University. |
| 2004 | Member planning group 'Maastricht Graduate School of Governance', Maastricht University. |
| 2004-2005 | Lecturer 'Fundamentals on Sustainable Development', European Master course in Human Rights and Democratisation, European Inter-University Centre for Human Rights and Democratisation, Venice, Italy. |
| 2001-2005 | Member Scientific Panel and Lecturer graduate interfaculty course 'Globalisation and Inequality', Maastricht University. |
| 2004-2006 | Member scientific Advisory Board 'Core-course Sustainable Development' Foundation Sustainable Higher Education (DHO). |
| 2005-2007 | Course coordinator 'Sustainable Entrepreneurship', Open University Netherlands. |
| 2005-2008 | Track Director 'Sustainable Development', MA Public Policy and Human Development, Maastricht Graduate School of Governance, Maastricht University. |
| 2004-2008 | Scientific co-ordinator MA programme 'Governance for Sustainable Development' University of Cape Coast (Ghana). |
| 2007-2008 | Lecturer and co-organisor Summerschool Earth System Science, VU Amsterdam – ICIS Maastricht University. |
| 1993-present | <i>Supervisor of > 30 Master dissertations of students from various faculties and universities.</i> |
| 2005-present | <i>Course coordinator 'Sustainability in a Globalising World' MA Public Policy and Human Development, Maastricht Graduate School of Governance, Maastricht University.</i> |
| 2011-present | <i>Course coordinator international PhD course 'Global Change, Complexity and Sustainability'.</i> |
| 2011-present | <i>Programme Director M.Sc. Sustainability Science and Policy', Maastricht University.</i> |

Supervisor PhD Dissertations:

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| 2003-2006 | <i>Global (environmental) change and global tourism: an integrated assessment (Bas Amelung)</i> |
| 2004-2008 | <i>Globalisation, environmental change and public health (Maud Huynen)</i> |
| 2004-2008 | <i>Regional sustainability: tools for integrated governance (Jasper Grosskurth)</i> |
| 2005-2008 | <i>Measuring the performance of geosimulation models by map comparison (Alex Hagen-Zanker)</i> |
| 2004-2009 | <i>Integrated assessment and participatory agent based modelling to support river management (Pieter Valkering)</i> |
| 2005-2010 | <i>Climate change and tourism: Impacts and vulnerability on Coastal Europe (Alvaro Moreno Sánchez)</i> |
| 2005-2010 | <i>Governance and democracy in the trade union congress (Ghana) (Akua O Britwum)</i> |
| 2006-2010 | <i>Sustainability of universities of applied science in the Netherlands (Niko Roorda)</i> |
| 2005-2010 | <i>Downshiften: naar een minder consumptieve levensstijl (Jeanine Schreurs)</i> |
| 2006-2011 | <i>Regional Sustainable Development: Barriers in Practice (Annemarie van Zeijl).</i> |
| 2007-present | <i>Measuring globalisation: impacts and consequences (Mohsin Raza)</i> |
| 2008-present | <i>Noah's Arc or World Wild Web: Perspectives on Biodiversity Conservation in a Changing World (Carijn Beumer)</i> |
| 2008-present | <i>Perspectives in integrated water management (Astrid Offermans)</i> |
| 2009-present | <i>The role of future studies in innovation processes (Nicole Rijkens)</i> |
| 2009-present | <i>Global health governance: The challenges of a new globalized world (Su-Mia Akin)</i> |
| 2010-present | <i>Global climate changes and the transmission of dengue epidemic in Hanoi, Vietnam (Toan Do Thanh)</i> |
| 2010-present | <i>Climate and ENSO variability effect on dengue incidence in Aruba (Marck Oduber)</i> |
| 2011-present | <i>Religion and sustainable development (Benedikt Scholl)</i> |
| 2011-present | <i>Globalisation, complexity and sustainability (Lukas Figge)</i> |
| 2012-present | <i>Homo Sustinens: towards a footprint of 1.0 (Julia Backhaus)</i> |

5. Brief summary of research of the last five years

Pim Martens is Scientific Director of the International Centre for Integrated assessment and Sustainable development (ICIS), Maastricht University, and Academic Director of the Maastricht University Graduate School of Sustainability Science (MUST). He holds the chair 'Global Dynamics and Sustainable Development' at Maastricht and Leuphana University Lüneburg, and is a honorary professor at Stellenbosch University, South Africa. Prof. Martens is project-leader and principal investigator of several projects related to sustainable development and sustainability science, globalisation, environmental change and society. Pim Martens is editorial advisor of the International Journal Ecohealth, associate editor of Environmental Science and Policy, and member of several editorial boards. Finally, Dr. Martens is a Fulbright New Century Scholar within the programme 'Health in a Borderless World' and winner of the Friedrich Wilhelm Bessel-Forschungspreis. Pim Martens has been a Leverhulme professor at Aberystwyth University, Wales, and visiting scholar at the London School of Hygiene and Tropical Medicine (UK), Harvard University (USA), Heidelberg University, (Germany), ETH Zurich (Switzerland), Aberystwyth University (Wales), and Leuphana University Lüneburg (Germany).

6. International working-visits

- Visiting Researcher London School of Hygiene and Tropical Medicine (UK), Department of Epidemiology and Population Health, several months (in total) in period March 1993-March 1997.
- Visiting Lecturer/Researcher Harvard Medical School (USA), Center for Health and the Global Environment, March-July 1997.
- Visiting Lecturer University of Alberta (Canada), Department of Public Health Sciences, May 2001.
- Fulbright Scholar Harvard University (USA), Centre for Health and the Global Environment and the Tellus Institute, (the Boston Center of the Stockholm Environment Institute), May-June 2002.
- Humboldt Friedrich Wilhelm Bessel Research visit, Heidelberg University (Germany), July 2003 -December 2003.
- Visiting Professor ETH Zurich, KOF Swiss Economic Institute, July 2006, July 2009.
- Visiting Leverhulme Professor at the Institute of Biological, Environmental and Rural Sciences at Aberystwyth University, Wales, August 2009.

7. Other academic activities

Editorial and Advisory Boards, Memberships, and Committee Assignments in Professional Societies

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| 1995-2007 | Member (Lead/Contributing Author/Reviewer) of Working Group II of the Intergovernmental Panel on Climate Change (IPCC). |
| 1995-1999 | Managing Editor International Journal 'Environmental Modelling and Assessment', Baltzer Science Publishers. |
| 1997-1998 | Member Scientific Advisory Committee 'Health, Ecological and Economic Dimensions of Global Change' project, Harvard University, Cambridge, USA. |
| 1997-2000 | Member Scientific Advisory Committee United Nations Environment Programme (UNEP) on 'Methods for Climate Change Impact Assessment and Adaptation Strategies' |
| 1997-2004 | Review Editor International Journal 'Climate Research'. |
| 1998-2000 | Member of 'A Concerted Action on Climate Impact Assessment' (ACACIA), European Commission. |
| 1998-2000 | Member Working Group World Health Organization (WHO) on 'Early Human Health Effects of Climate Change and Stratospheric Ozone Depletion in Europe' |
| 1998-2003 | Member Program on 'Health Effects of Global Environmental Change', Johns Hopkins School of Hygiene and Public Health. |
| 1999-2001 | Member of the Assessment Study 'Climate, Ecosystems, Infectious Disease, and Human Health', by the U.S. National Research Council/National Academy of Sciences. |
| 1999-2002 | Editor-in-Chief International Journal 'Global Change and Human Health: Reviews on Globalisation, Environmental Change and Health', Kluwer Academic Publishers. |
| 1999-2004 | Member of the 'Global Warming International Program Committee (GWIPC)'. |
| 2000-2003 | Member Steering Committee WHO Global Burden of Disease Study, Comparative Risk Assessment Project 'Global climate change'. |

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| 2000-2003 | Managing Editor International Journal 'Integrated Assessment', Swets & Zeitlinger Publishers. |
| 2002-2005 | Member of the Working Group of the Millennium Ecosystem Assessment. |
| 2004 | Chairman Jury 'Sustainable Cities in the Euregio'. |
| 2004-2005 | Member Steering Committee 'Sustainable Limburg', Province of Limburg. |
| 2004-2005 | Member Advisory Committee 'Sustainable Entrepreneurship', Chamber of Commerce Zuid-Limburg. |
| 2005 | Member Advisory Committee 'DuBo Centre Limburg' (Sustainable Construction and Housing). |
| 2002-2005 | Member of the Scientific Planning Team Global Environmental Change and Human Health (Earth Systems Science Program; ESSP). |
| 2003-2005 | Executive Editor Forum on Science and Technology for Sustainability. |
| 2005-2006 | Member International Abstract Review Committee, ISEE/ISEA conference 'Science, Population Diversity, Caution and Precaution', French Agency for Environmental Health Safety. |
| 2006 | Member International Steering Committee EcoHealth ONE, International Ecohealth Association (IEA). |
| 2002-2006 | Book-Series Editor 'Integrated Assessment Studies', Swets & Zeitlinger Publisher. |
| 2006-2007 | Research Director 'KNAW-Research School' SENSE (Socio-Economic and Natural Sciences of the Environment). |
| 2006-2007 | Member Think-tank 'Sustainable Limburg', Province of Limburg. |
| 2006-2007 | Member Strategic Advisory Board UNESCO/UNU Regional Centre of Expertise 'Learning for Sustainable Development'. |
| 2007-2008 | Member International Review Panel 2008 Berlin Conference on the Human Dimensions of Global Environmental Change/ International Conference of the Social-Ecological Research with the theme 'Long-Term Policies: Governing Social-Ecological Change'. |
| 2007-2008 | Member Scientific Advisory Committee (SAC) Integrated Programmes, WOTRO Science for Global Development. |
| 2008-2010 | Member Programme Committee MaGW programme 'Vulnerability, Adaptation, Mitigation' (VAM), The Netherlands Organisation for Scientific Research (NWO). |
| 2004-2010 | Member Board of Directors 'KNAW-Onderzoeksschool' SENSE (Socio-Economic and Natural Sciences of the Environment). |
| 2011 | Member Advisory Board 2011 Belgian Conference Biodiversity. |
| 2003-present | <i>Editor/Review Editor/Editorial Advisor International Journal 'Ecohealth: Human Health, Conservation Medicine, Ecosystem Sustainability', Springer.</i> |
| 2007-present | <i>Member Editorial Board International Journal 'Sustainability Science, Practice & Policy'.</i> |
| 2007-present | <i>Member Committee of Recommendation, Change Magazine.</i> |
| 2007-present | <i>Member Scientific Advisory Board of the Centre for Integrated Research in the Rural Environment (CIRRE), Wales.</i> |
| 2007-present | <i>Member Editorial Board International Journal 'Sustainability: The Journal of Record'.</i> |
| 2009-present | <i>Member Editorial Board International Journal 'Current Opinion in Environmental Sustainability', Elsevier.</i> |
| 2010-present | <i>Member Health Council (Advisory Council for the Dutch Government, Advisory Group Health and the Environment).</i> |
| 2010-present | <i>Member The Integrated Assessment Society (TIAS) Advisory Board.</i> |
| 2010-present | <i>Associated Editor 'Environmental Science and Policy'</i> |

Organiser of conferences/workshops

- Chair of the symposium: *The use of remote sensing, geographical information systems, cellular and integrated models in vector-borne disease assessment.* 'Second international congress of vector ecology', 19-24 October 1997, Orlando, USA
- Chair of the symposium: *Emerging Infectious Diseases.* 'XIIIth European Meeting of the Society for Vector-Ecology', Wageningen, 6-11 September 1999.
- Organiser workshop: *Health and Climate Variability*, 24-26 September 1999, Maastricht (Sponsored by UNEP, ENRICH, IHDP).
- Organiser workshop: *Climate change and vector-borne diseases: the CAMERA approach*, 7-8 December 2000, Wageningen (Sponsored by the Dutch National Research Programme (NRP)).

- Organiser workshop: *Integrated assessment of vulnerability and adaptation options to climate change in the Netherlands*, 29-30 March 2001, Utrecht (Sponsored by the Dutch National Research Programme (NRP)).
- Chair of the symposium: *Phenology and human health*. ‘The times they are a-changin’ (Climate change, phenological responses and their consequences for biodiversity, agriculture, forestry and human health)’. 5-7 December, 2001, Wageningen.
- Organiser workshop: *Phenology and human health*, 16-17 January 2003, WHO Rome.
- Organiser workshop: *Environmental change and malaria risk: global and local implications*, 12-14 November 2003, Wageningen (sponsored by Frontis)
- Chair/organiser workshop: *Sustainable Entrepreneurship*, 12 November 2005, Utrecht (Open University Netherlands).
- Member Steering Committee and session chair ‘*Earth System Governance: Theories, Methods, Tools*’ 2007 Amsterdam Conference on the Human Dimensions of Global Environmental Change, 24-26 May 2007.
- Member Steering Committee and session chair ‘*European Association of Environmental and Resource Economists 17th Annual Conference*’, 24-27 June 2009, Amsterdam.
- Member Steering Committee ‘*American Museum of Natural History Symposium: Exploring the Dynamic Relationship between Human Health and the Environment*’, 2-3 April 2009, New York..
- Organiser Session *Vulnerability, Adaptation and Mitigation*, 17th Annual Conference of the European Association of Environmental and Resource Economists, 24-27 June 2009, Amsterdam.
- Member Advisory Board and session chair ‘*Solution-oriented/transdisciplinary research for sustainable development*’, 2nd International Conference on Sustainability Science, 23-25 June 2010, Rome.
- Convenor and chair session ‘*Climate change and health in delta areas*’, Deltas in times of climate change, 29 September – 1 October 2010, Rotterdam.
- Member Scientific Advisory Committee of the 2011 Belgian Conference Biodiversity – Public Health.

8. Grants, scholarships and prizes

Awards

- Award for the best paper. VSB Masterclass: Greenhouse effect and climate change: causes, effects and measures. Lunteren, The Netherlands, 1-3 December 1993.
- Award for the best M.Sc.-thesis, Maastricht University, Faculty of General Sciences, The Netherlands, January 1994.
- Winner essay competition ‘Important but underrepresented topics in climate change research and policy’, Dutch National Research Programme (NRP), 1998.
- Fulbright New Century Scholars Award (\$ 40,000), The New Century Scholars Program ‘Challenges of Health in a Borderless World’, 2001-2002.
- Winner scoping paper competition ‘Potential applicability of integrated environmental assessment in ‘new’ areas’. European Forum on Integrated Environmental Assessment (EFIEA), 2003.
- Friedrich Wilhelm Bessel-Forschungspreis, 2003 (€ 40,000), Humboldt Foundation, German Ministry of Research and Education.
- Nominated for ‘Innovation and Sustainability: Most Sustainable Educational Programme’, ‘Egg of Columbus’, Netherlands Ministry of Housing, Spatial Planning and the Environment, 2004.
- Nominated for ‘Most Famous Health Scientist’ at Maastricht University’, 2005.
- As a member of the Millennium Ecosystem Assessment, the Zayed international environmental prize, 2005.
- Nominated for the Rachel Carson Award, VVM, 2006.
- As a member of the IPCC, joint Nobel-Price Winner for Peace, 2007.
- Nominated for the ‘Outstanding Contribution to the field of EcoHealth award’, Third Conference of the International Association for Ecology & Health, London, 2010.

Research Grants

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| 1998-2001 | ‘Climate Change Impacts on Vector-Borne Diseases’, Dutch National Research Programme (NRP) – Coordinator and Principle Investigator. (Grant of € 250,000) |
| 1998-2003 | ‘Integrating Geographical Information Systems and Cellular Automata for the Assessment of Malaria Risk and Control’, Netherlands Foundation for the Advancement of Tropical Research (WOTRO) - Coordinator and Principle Investigator. |

- (Grant of € 475,000)
- 1998-2000 'A Dynamic Assessment of the Potential Impacts of Climate Change on Human Health', Secretary of State for Environment, Transport and the Regions (DETR), London, United Kingdom - Principle Investigator.
(Grant of US\$ 50,000)
- 1998-1999 'An Integrated Assessment of Health Risks Caused by Global Changes', United Nations Environment Programme (UNEP), Nairobi, Kenya - Coordinator and Principle Investigator.
(Grant of US\$ 50,000)
- 1998-1999 'Integrated Approach to Climate Change and Human Health Research (IACHE)', Commission of the European Communities, Directorate General XII, Programme Environment and Climate 1994-1998 - ENRICH, Brussels, Belgium - Coordinator and Principle Investigator.
(Grant of € 150,000)
- 1999-2000 'Climate Change and Human Health: The Health Impacts of Heatwaves in Europe', Electric Power Research Institute - Principle Investigator.
(Grant of US\$ 50,000)
- 2000 'Global Environmental Outlook – 3', United Nations Environment Programme (UNEP), Nairobi, Kenya - Coordinator.
(Grant of US\$ 30,000)
- 2000-2001 'Integrated Assessment of Vulnerability and Adaptation Options to Climate Change in the Netherlands', Dutch National Research Programme (NRP) - Coordinator and Principle Investigator.
(Grant of € 50,000)
- 2001-2003 'European Phenological Network – a network for increasing efficiency, added value and use of phenological monitoring, research, and data in Europe'. Commission of the European Communities, Directorate General XII, Fifth Framework Programme - Principle Investigator.
(Grant of € 30,000)
- 2001-2004 'Climate Change and Adaptation Strategies for Human Health in Europe (cCASHh)', Commission of the European Communities, Directorate General XII, Fifth Framework Programme - Coordinator.
(Grant of € 155,000)
- 2001 'Global Sustainability'. Dutch National Committee for International Co-operation and Sustainable Development (NCDO) - Coordinator.
(Grant of € 8,000)
- 2002-2005 'Globalisation, environmental change and public health', Dutch National Institute of Public Health and the Environment (RIVM) - Coordinator and Principle Investigator.
(Grant of € 190,000)
- 2002 'The sustainability of trade in agricultural products: a Dutch case study', Dutch National Institute of Public Health and the Environment (RIVM) - Coordinator.
(Grant of € 20,000)
- 2004 'Re- evaluation of the Netherlands long-term climate targets', Dutch National Research Programme on Global Change – Scientific assessments and policy analysis (NRP-GC-WAB) – Coordinator.
(Grant of € 20,000)
- 2004-2006 'Advanced Techniques for Evaluation of Sustainability Assessment Tools' (Sus-Atest) – Coordinator.
(Grant of € 55,000)
- 2005-2006 'Sustainable Entrepreneurship Essent', Essent – Coordinator.
(Grant of € 100,000)
- 2003-2006 'Flexible framework for INdicators for SUstainability in REgions using systems dynamics modeling (INSURE)', Commission of the European Communities, Directorate General I, Sixth Framework Programme - Coordinator and Principle Investigator.
(Grant of € 230,000)
- 2005-2008 'Sustainable Tourism in the Antarctic Peninsula', Netherlands Antarctic Programme – Coordinator.
(Grant of € 200,000)
- 2004-2008 'Governance and Sustainable Development', The Netherlands Programme for the Institutional Strengthening of post-secondary Education and Training Capacity (NPT). – joint co-ordinator and Principle Investigator.
(Grant of 1,1 M€)

- 2005-2008 'Methods and Tools for Integrated Sustainability Assessment (MATISSE)' Commission of the European Communities, Directorate General I, Sixth Framework Programme – Coordinator.
(Grant of € 180,000).
- 2006-2009 'Adaptation and Mitigation' (ADAM). Commission of the European Communities, Directorate General I, Sixth Framework Programme – Coordinator.
(Grant of € 330,000).
- 2005-2009 'The influence of climate and weather on tourist demand in Europe's coastal zones: analysis and exploration (ECLAT-COAST)', The Netherlands Organisation for Scientific Research (NWO) – Coordinator.
(Grant of € 160,000)
- 2005-2009 'Governance for sustainable development: the case of Limburg, the Netherlands', The Province of Limburg - Coordinator and Principle Investigator.
(Grant of € 275,000)
- 2005-2009 'Integrated assessment of health risks of environmental stressors in Europe'(INTARESE). Commission of the European Communities, Directorate General I, Sixth Framework Programme – Coordinator and Principle Investigator.
(Grant of € 245,000).
- 2007-2010 Synthesis Vulnerability, Adaptation and Mitigation (VAM), The Netherlands Organisation for Scientific Research (NWO) - Coordinator and Principle Investigator.
(Grant of € 60,000)
- 2009-2011** *Risk assessment of the impact of climate change on human health and well-being, National Environment Research Council (NERC) and Ministry of VROM) – Coordinator.*
(Grant of € 290,000)

9. Miscellaneous

- One of the pioneers in the scientific field of Integrated Assessment and Sustainability Science.
- Lead- and contributing author of several reports of the UNEP, WHO, MEA and IPCC-Working Group II.
- Research Interests
 - Sustainable Development/ Sustainability Science
 - Globalisation, Environmental Change and Society
 - Emerging Infectious Diseases
 - Integrated Assessment
 - Complex Adaptive Systems
- Languages
 - Dutch - Mother language
 - English - Very good knowledge of speaking, writing and reading.
 - German - Good knowledge of speaking and reading, fair knowledge of writing.
- Hobbies
 - Triathlon
 - Squash
 - Soccer
 - Reading
 - Movies

List of publications

Hirsch Index = 15 (October 2010)

| Summary Table | 1993-2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | total |
|---|-----------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| International (refereed) journals | 30 | 6 | 3 | 5 | 3 | 3 | 3 | 3 | 4 | 2 | 10 | 2 | 1 | 74 |
| National (refereed) journals | 3 | 2 | | 1 | | | | 1 | 2 | 2 | | | | 11 |
| Books | 2 | 1 | 2 | | | 1 | | | 2 | | 1 | | | 9 |
| Book Chapters | 4 | | 1 | | | 1 | 3 | 5 | 7 | 2 | | 1 | | 24 |
| Model software | 1 | | | | | | | | | | | | | 1 |
| Scientific Reports | 19 | 5 | 2 | 6 | 1 | 1 | | | 3 | | | | | 37 |
| Invited (paper & keynote) presentations | 28 | 7 | 8 | 4 | 2 | 5 | 1 | 3 | 2 | 5 | 1 | 4 | | 78 |
| Newspaper articles | 1 | 3 | 1 | 1 | | 1 | 1 | 2 | 1 | | 1 | 1 | | 13 |

1. International (refereed) journals

2012

- Akin, S., Pasma, R. & Martens, P. (2012). Book review environmental literacy in science and society: from knowledge to decisions by Roland W. Scholz. *Environmental Science and Policy*, 18, 1-2.

2011

- Van Zeijl-Rozema, A. & Martens, P. (2011). Integrated monitoring of sustainable development. *Sustainability: The Journal of Record*, 4 (4), August 2011: 199-202.
- Martens, P., Huynen, M., Akin, S., Hilderink, H. & Soskolne, C.L. (2011). Globalisation and human health: complexity, links and research gaps. *IHDP Update*, 1, 2-6.

2010

- Martens, P., Aerts, J.C.J.H., Amelung, B., Bouwer, L.M., Chang, C.T., Huynen, M., Van Ierland, E.C., Van Koppen, C.S.A., McEvoy, D., Mol, A.P.J., & Van Tatenhove, J. (2010). Imagining the unimaginable: synthesis of essays on abrupt and extreme climate change. *Current Opinion in Environmental Sustainability*, 2 (5-6), 347-355.
- Martens, P., Roorda, N. & Cörvers, R. (2010). Sustainability, science, and higher education – The need for new paradigms. *Sustainability: the Journal of Record*, 3 (5), 294-303.
- Beumer, C. & Martens, P. (2010). Noah's Ark or World Wild Web? Cultural Perspectives in Global Scenario Studies and Their Function for Biodiversity Conservation in a Changing World. *Sustainability*, 2(10), 3211-3238.
- McIntyre, K.M., Setzkorn, C., Baylis, M., Waret-Szkuta, A., Caminade, C., Morese, A.P., Akin, S., Huynen, M., Martens, P., & Mornad, S. (2010). Impact of climate change on human and animal health. *The Veterinary Record*, 167, 586.
- Martens P, Akin S, Huynen M, Raza M. (2010). Is globalization healthy: a statistical indicator analysis of the impacts of globalization on health. *Globalization and Health*, 6:16 (17 September 2010).
- Martens, P., Dreher, A. & Gaston, N. (2010). Globalisation, the global village and the civil society. *Futures*, 42, 574-582.
- Van Zeijl, A. & Martens, P. (2010). An adaptive indicator framework for monitoring regional sustainable development: a case study of the INSURE project in Limburg, The Netherlands. *Sustainability: Science, Practice and Policy*, 6(1), 6-17.
- Dreher, A., Gaston, N., Martens, P. & Van Boxem, L. (2010). Measuring globalisation – opening the black box. A critical analysis of globalisation indices. *Journal of Globalization Studies*, 1(1), 166-185.

- Martens, P. & Amelung, B. (2010). On the correlation between globalization and vulnerability in times of economic crisis – a statistical analysis for Europe. *Globality Studies Journal*, 17 (6 May 2010), 1-15.
 - Martens, P. & Raza, M. (2010). Is globalisation sustainable? *Sustainability*, 2, 280-293.
- 2009**
- Martens, P., McEvoy, D. and Chang, C. The climate change challenge: linking vulnerability, adaptation, and mitigation. *Current Opinion in Environmental Sustainability*, 1: 14-18, 2009.
 - Martens, P. & Raza, M. (2009). Globalisation in the 21st century: measuring regional changes in multiple domains. *The Integrated Assessment Journal*, 9(1), 1-18.
- 2008**
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1998

- Lead author of: Beniston, M. & Tol, R.S.J. (ed.) Europe. In: *The regional impacts of climate change: An assessment of vulnerability*. Working Group II, Intergovernmental Panel on Climate Change, Cambridge University Press, New York, 1998, Chapter 5.

1996

- Contributing author of: McMichael, A.J. (ed.) Human population health. In: *Climate change 1995: Impacts, adaptations and mitigation of climate change: scientific-technical analyses*. Working Group II, Intergovernmental Panel on Climate Change, Cambridge University Press, New York, 1996, Chapter 18.
- Janssen, M.A. & Martens, P. (1996). *Managing malaria: an evolutionary modelling approach*. GLOBO report series no. 12, RIVM Report no. 461502012, Bilthoven, the Netherlands.
- Martens, P. (1996). *Climate change, health security and sustainable development*. In: Kok, M.T.J. (ed.) (1996). *Environmental security and sustainable development*. Proceedings International Workshop 18-19 April 1996, Amsterdam, the Netherlands., NRP Report No: 410 200 003, pp. 98-102.
- Martens, P. (ed.) (1996). *Vulnerability of human population health to climate change: State-of-knowledge and future research directions*. Dutch National Research Programme on Global Air Pollution and Climate Change, Report No. 410200004 , Bilthoven.

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- Janssen, M.A. & Martens, P. (1995). Sex, drugs and climate change: modelling malaria as a complex adaptive system. GLOBO Working Paper 95-2, July 1995, Bilthoven, The Netherlands.
- Martens, P. (1995). Modelling the effect of global warming on schistosomiasis. GLOBO report series no. 10, RIVM Report no. 461502010, Bilthoven, the Netherlands.
- Rotmans, J.(ed.) (1995). *TARGETS in transition*. August 1995, Bilthoven, The Netherlands. Contributive authors: Van Asselt, M., Beusen, A., Den Elzen, M., Janssen, M., Hilderink, H., Hoekstra, A., Koster, H., Martens, P., Niessen, L., Strengers, B. & De Vries, B.
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- Martens, P., Rotmans, J. & Niessen, L.W. (1994). *Climate change and malaria risk: an integrated modelling approach*. GLOBO report series no. 3, RIVM Report no. 461502003, Bilthoven, the Netherlands.
- Rotmans, J. van Asselt, M.B.A., de Bruin, A.J., den Elzen, M.G.J., de Greef, J., Hilderink, H., Hoekstra, A.Y., Janssen, M.A., Koster, H.W., Martens, P., Niessen, L.W, de Vries H.J.M. (1994). *Global change and sustainable development: a modelling perspective for the next decade*. GLOBO report series no. 4, RIVM Report no. 461502004, Bilthoven, the Netherlands.

Invited (paper and keynote) presentations

2011

- *Biodiversity and health: friends or foes?* 2011 Belgian Conference Biodiversity, Brussels, 30 November 2011.
- *Transition Pathways Towards Sustainable Development*. 4th Workshop on Responses to Global Environmental Change and Urban Health Risks, Beijing, 9-10 October 2011.

- *Ecosystems Services: Luxury or Necessity*. BEAA - WEHR & Ecosystems Services Conference, Cardiff, 22 June 2011.
 - *Health in a Globalising World: How Climate Changes the Equation*. Climate Change and Health Workshop, Wirral, 21 June 2011.
- 2010**
- *Sustainability Science in Higher Education*. Meeting of the Board of Trustees for Sustainability at ASU, Düsseldorf, 1 July 2010.
- 2009**
- *The Health Impacts of Climate Change in Europe*. Greenpeace International Conference on Climate Change Impacts on Europe – Countdown to Copenhagen, Prague, 29 October 2009.
 - *Globalisation in the 21st Century: Measuring Regional Changes in Multiple Domains*. ETH-KOF, Zürich, Switzerland, 15 July 2009.
 - *Global Change and Human Health: Preparedness and Surveillance*. Keynote Special Session ‘Global Change and Human Health: Preparedness and Surveillance’. IHDP Open Meeting 2009 Social Challenges of Global Change, Bonn, 26-30 April 2009.
 - *Globalisation and Human Health: Sustainable Health in a Changing World*. American Museum of Natural History Symposium: Exploring the Dynamic Relationship between Human Health and the Environment, New York., USA, 2-3 April 2009.
 - *Sustainability, Science and Education: The need for new paradigms*. International Conference on Sustainability Science 2009 (ICSS 2009), Tokyo, Japan, 5-7 February 2009.
- 2008**
- *Health in a globalising world: how climate changes the equation*. Keynote presentation, Annual Joint Conference of the Taiwan Public Health Association and the Taiwan Epidemiology Association, Taipei, 4-5 October 2008.
 - *Sustainability Science or Fiction?* Studium Generale, Heerlen, 26 February 2008. [in Dutch].
- 2007**
- Delegate: *ILASA Conference 07 Global Development: Science and Policies for the Future*, Vienna, 14-15 November, 2007.
 - *The impact of climate change on public health*. Erasmus University Seminar series, Rotterdam, 17 September 2007.
 - *Sustainability, Science and Education: The need for new paradigms*. Keynote presentation, ‘International Workshop on Sustainability Education: Mobilizing Science and Technology towards Sustainability’, Osaka, Japan, 13 February 2007.
- 2006**
- *Successful global public-private partnerships for health*. Keynote presentation, KNAW colloquium ‘Partnerships for Sustainable Development’, Amsterdam, Netherlands, 6-8 June, 2006.
- 2005**
- Discussant ‘Climate change: a Political Quagmire’ (by E. Skolnikoff), UNU-INTECH, Maastricht, 8 November 2005.
 - *Modelling sustainable development: is it possible?*, ETH, Zürich, Switzerland, 24 August 2005.
 - DFG-Round Table ‘Global Environmental Change and Human Health’ Heidelberg, Germany, 17-19 July 2005
 - *Sustainability science or fiction?* Keynote presentation, ‘11th Annual International Sustainable Development Research Conference’, Helsinki, Finland, 6-8 June 2005.
 - ‘Biodiversity, Health and the Environment Workshop’, DIVERSITAS/SCOPE, Paris, France, 13-19 March 2005.
- 2004**
- *Globalisation and human health: scenarios for the 21st century*. ‘The Pontifical Academy of Sciences Working Group on Interaction between Global Change and Human Health’, Vatican City, 31 October-2 November 2004.
 - *Conceptual thinking on sustainable development: Integrated Assessment*. ‘Integrative policies: learning by experiences. Conference of the European Sustainable Regions Network’, Maastricht, 2-3 February 2004.
- 2003**
- *Impact of climate changes on malaria and schistosomiasis?* ‘International symposium on Research for sustainable control of schistosomiasis’, Heidelberg University, Heidelberg, Germany, 25-27 September 2003.
 - *Climate, change and health*. ‘The effects of climate change on society’, Centre for Coastal Research, Unit Sustainability and Global Change, Hamburg University, Hamburg, 3-4 April 2003.

- 'Health and Sustainable Development', University of Nijmegen, Nijmegen, 1 April 2003.
- 'Global Change and Human Health Meeting', DIVERSITAS/IHDP/IGBP/START/WCRP, Paris, France, 27 February-1 March, 2003.

2002

- *Emerging questions in climate-health research*. 'Tyndall meeting', Norwich, UK, 16-17 October 2002.
- *The protein revolution: towards sustainable food production*. 'EFIEA Conference on Sustainability Assessment', Amsterdam, 8-9 October 2002.
- *Health transitions in a globalising world*. 'Trends, Transitions and Sustainability', Stockholm Environment Institute/Tellus, Boston, USA, 10-13 July 2002.
- *Health impacts of climate change*. 'International Conference on Climate Change and Disaster Preparedness', Netherlands Red Cross, The Hague, 26-28 June, 2002.
- *Vector-borne diseases, models and climate change* 'University of Colorado Health Sciences Center, Denver, USA, 16-17 May 2002.
- 'Workshop Global Change and Human Health', Heidelberg University, Heidelberg, Germany, April 30, 2002.
- *Scenarios: can we define a standardized and comparable approach?* '2nd meeting on the development of guidelines on assessing the vulnerability of human health to climate change, WHO Geneva, Switzerland, 20-21 March 2002.
- 'Tyndall Centre Blueprint workshop', Southampton Oceanography Centre, Southampton, UK, 27-28 February 2002.

2001

- *Climate change impacts on vector-borne diseases*. 'Dutch National Symposium on Climate Change', Noordwijkerhout, 14-15 November 2001.
- *Climate change and vector-borne diseases: Evidence of absence or absence of evidence?* 'Climate change and vector-borne diseases', Electricité de France, Nice, 18-20 October 2002.
- 'Potsdam Sustainability Days', Potsdam Institute for Climate Change Impacts Research, Potsdam, Germany, 28 September- 5 October 2001.
- *Climate change impacts on tourism and health in the Netherlands*. 'Vulnerability of the Netherlands to climate change', Ede, the Netherlands, 26 September, 2001.
- *Modelling the effect of global warming on malaria*. 'The future of tropical infectious diseases', Heidelberg, Germany, 25-26 September, 2001.
- *Modelling climate change impacts on human health: prospects and limitations*. 'Climate change and public health: international and Prairie perspectives', Edmonton, 17-18 May 2001.
- *An integrated assessment of the role of climate in changing vector-borne disease patterns*. Health and the environment: A crosscutting issue in global change research. German National Committee on Global Change Research, Bonn, 14-16 February 2001.

2000

- *Climate change impacts on human health*. VROM Symposium 'New insights in climate change', The Hague, 16 October 2000 [in Dutch].
- *The IPCC Special Report on Emissions Scenarios (SRES) and Human Health*. 1st meeting for the implementation of the recommendations arising from the 3rd ministerial conference on environment and health, London 1999. Rome, 26-27 May 2000.
- *Of malaria and models: Challenges in modelling climate change and malaria risk*. Workshop on Contextual Determinants of Malaria, Lausanne, 15-18 May 2000.
- 'Climate change and malaria workshop', Department of Energy, Transport and the Regions (DETR), London, 22 March 2000.
- 'The health impacts of heatwaves in Europe'. Electric Power Research Institute (EPRI), London, 20-21 March 2000.
- Climate change, economy and health. 'Assessment of the Potential Impact of Climate Change in Europe: Resources, Productive Sectors, Services and Health', a EU funded ACACIA meeting, Toledo, Spain, 28th January 2000.
- 'Integration session ecosystems', Dutch National Research Programme on Global Air Pollution and Climate Change, Utrecht, 21 January 2000.

1999

- 'European Conference Globalisation, Ecology and Economy: Bridging Worlds', Tilburg, 24-26 November 1999.
- *Global change and emerging infectious diseases*. 'XIIth European Meeting of the Society for Vector-Ecology', Wageningen, 6-11 September 1999.

- *Integrated assessment of climate change and malaria risk*. Climate Change Impacts and Integrated Assessment Workshop, Energy Modelling Forum, Snowmass, 26 July-August 5 1999.
- *Latest results of modelling health effects of climate change*. 'Healthy Planet Forum', The International Society of Doctors for the Environment, London, 17 June 1999.
- *Integrated assessment of health impacts of climate change*. 'CAPITALizing on Science: Climate Change, Mitigation Efforts and Our Health', 24-26 January 1999, Health Canada, Ottawa, Canada.

1998

- *Climate change and human health and Climate change and vector-borne diseases (in Dutch)*. 'National Symposium of the Dutch National Research Programme on Global Air Pollution and Climate Change', 29-20 October 1998, Garderen, The Netherlands.
- *Effects of climate change on vector-borne diseases*. 'Science in society: Climate change and human health', The Royal Society, 20 October 1998, London, UK.
- 'WHO Working Group on Early human health effects of climate change in Europe, Part II', 15-17 October 1998, WHO Rome Division, Italy.
- *Causes and impacts of climate change: Effects on Human Health*. 'Symposium: Causes and effects of climate change', Ministry of the Environment (VROM), 9 October 1998, The Hague, the Netherlands [in Dutch].
- *Health and climate change: Modelling the impacts of climate change*. 'Seminar Institute MGZ', Erasmus University Rotterdam, 19 August 1998 [in Dutch].
- *The role of predictive modelling in setting priorities for climate change research and monitoring*. 'WHO Working Group on Early human health effects of climate change in Europe', 21-23 May 1998, WHO Rome Division, Italy.

1997

- *Greenhouse malaria*. 'Entomologendag', 19 December 1997, Leiden, The Netherlands.
- *The scope for monitoring in modelling climate related impacts on vector-borne diseases*. 'First interagency climate change and human health monitoring workshop', 4-5 December 1997, London, UK.
- *Mathematical modelling of malaria, schistosomiasis and dengue under climate change scenarios*. 'Second international congress of vector ecology', 19-24 October 1997, Orlando, USA.
- 'Global change impact assessment approaches for vectors and vector-borne diseases', An international workshop sponsored by GCTE, ICIPE, IRL, WHO and FAO', 3-6 September 1997, Nairobi, Kenya.
- Conference on 'Emerging infections: Origins, ecology, costs, and prevention', Harvard School of Public Health, June 11-13, 1997, Boston, USA.
- 'Health, ecological and economic dimensions of global change (HEED)', 22-23 May 1997, Cambridge, USA.
- *Health and climate change: a global modelling perspective*. 'Climate changes and human health linkages in the tropical Americas', 4-6 May 1997, Belize City, Belize.

1996

- *Climate change and the spread of diseases*. CICERO workshop 'Climate change and vulnerability in Africa', 18-19 November 1996, Oslo, Norway.
- *Health impacts of climate change*. Fourth International workshop on 'Using the IMAGE2 model to support climate negotiations', 14-15 November 1996, Delft, The Netherlands.
- *Disease impacts assessment and climate change scenario requirements*. The ECLAT workshop: 'Climate scenarios for European climate change impacts assessment: Network for the dissemination of climate data, climate change scenarios and scientific advice', 28-30 October 1996, Sissi, Crete.
- *Climate change and highland malaria: The use of GIS, cellular and integrated models for impact assessment*. Workshop on 'Highland malaria in Africa', 6-8 May 1996, Addis Ababa, Ethiopia.
- *Climate change, health security and sustainable development*. International workshop 'Environmental security and sustainable development', 18-19 April 1996, Amsterdam, The Netherlands.

1995

- 'Conference on human health and climate change', 11-12 September 1995, Washington, USA.
- *Population and health dynamics: an integrated modelling approach*. 'First open meeting of the human dimensions of global environmental change community', 1-3 June 1995, Durham, USA.
- *Climate change and human health: more than merely adding up the risks*. 6th global warming conference, 3-6 April 1995, San Francisco, USA.
- *Global Atmospheric Changes and Human Health: An Integrated Modelling Approach*. Regional workshop on 'Climate change vulnerability and adaptation in Africa' (US Country Studies Program), 7-15 March 1995, Harare, Zimbabwe.

1994

- International conference on climate change research, 6-9 December 1994, Maastricht, The Netherlands.

- *Climate change and malaria: exploring the risks*. 'Climate change and human health: a MEDACT conference', 5 November 1994, Royal Society of Medicine, London, UK.

1993

- *Climate change: a threat for the world malaria situation*. VSB Masterclass: greenhouse effect and climate change: causes, effects and measures, 1-3 December 1993, Lunteren, The Netherlands.
- *Modelling the impact of climate change on malaria occurrence*. III World conference on operations research, 12-16 July, 1993, Lisbon, Portugal.

Newspapers/magazines

- With > 100 professors: *Tweede kerncentrale: onnodig, onbetaalbaar en onrendabel*. NRC, 21 December 2011 [in Dutch].
- With > 100 professors: *Maak einde aan intensieve veehouderij*. NRC, 28 April 2010 [in Dutch].
- Martens, P. *Klimaatdiscussie zonder oogkleppen*. Dagblad De Limburger, 12 July 2008 [in Dutch].
- Martens, P. & Amelung, B. *Cradle to Cradle is ondoordachte hype*. Trouw, 7 December 2007 [in Dutch].
- Martens, P. *Kiezen voor duurzame ontwikkeling*. Dagblad De Limburger, 14 March 2007 [in Dutch].
- Martens, P. *Blauwtong is gevolg van broeikaseffect*. De Volkskrant, 23 August 2006 [in Dutch].
- Martens, P. *Natuurbehoud is cruciaal*. Dagblad De Limburger, 6 April 2005 [in Dutch].
- Amelung, B. and Martens, P. *Klimaat verandert toerisme*. De Volkskrant, 3 July 2003. [in Dutch].
- Martens, P. *Doos van Pandora: terugkeer van een dodelijk virus*. Dagblad De Limburger, 8 March 2003. [in Dutch]
- Martens, P. and Amelung, B. *Vrije markt remt duurzaamheid*. Dagblad De Limburger, 31 August 2002. [in Dutch]
- Rennen, W. and Martens, P. *De globalisering van migratie*. Dagblad De Limburger, 19 December 2001 [in Dutch].
- Martens, P. (2001) *Biotechnology in developing countries*. One World Think Tank, www.oneworld.net/thinktank/rtd/biotech.htm
- Soskolne, C. L., Klaver, J. and Martens, P. *Climate change is as real as lung cancer*. Edmonton Journal, 26 May 2001, p. A19.
- Martens, P. *G8 moet meer doen tegen armoedeziekten*. NRC, 9 August 2000, p. 7 [in Dutch].