

CURRICULUM VITAE

Peter Groenewegen

Work address:
Department of Organization Sciences
Faculty of Social Sciences
VU University Amsterdam
p.groenewegen@vu.nl

Home address:
Willinklaan 10
2341 LW Oegstgeest
Netherlands
+31612061444

Academic employment (reverse order)

- 2013 - Director Graduate School of Social Sciences, Faculty of Social Sciences, VU University Amsterdam. Responsible for the development of the Graduate School of Social Sciences and the quality of the PhD trajectory.
- 2013 - Director of the Research Program in Organization Sciences, evaluated 4.25 (out of 5) in the 2013 research evaluation.
- 2007 - Professor of Organization Science, Faculty of Social Sciences, VU University Amsterdam.
- 2012 - 2013 Visiting Professor of Communication at the Department of Communication Science, University of Illinois at Urbana.
- 2010 - 2012 Head of Department of Organization Sciences, Faculty of Social Sciences, VU University Amsterdam (70+fte). Responsible for the integration of two departments in organization science, and the relevant policies.
- 2009 - 2010 Head of Department of Organization Science, Faculty of Social Sciences, VU University Amsterdam (30fte).
- 2008 - 2010 Director of the research program on Dynamics of Identities, Networks and Institutions, evaluated 3.75 (max 5) in the 2007 research evaluation.
- 2000 - 2007 Associate Professor of Organisation Theory, Co-Director of the Research Program on Strategizing for Opportunities, Department of Public Administration and Organization Science, Faculty of Social Sciences, VU University Amsterdam.
- 2000 Visiting Researcher, NIWI Research, Dutch Royal Academy of Sciences, Amsterdam.
- 1999 - 2000 Lecturer, Social Aspects of Science and Technology, Faculty of Science, Vrije Universiteit (VU), Amsterdam. Program Director of program on social aspects of science; in this period a group was built that received a 3+ in the research visitation, and encompassed 5 PhDs and 3 contract researchers on external money.
- 1988 - 1989 Visiting Scholar, Center for Science and Technology Policy, School of Management, Rensselaer Polytechnic, Troy, NY, USA.

- 1986 - 1991 Assistant Professor, Science and Society, University of Groningen. Responsible for teaching Science and Society. Co-directing the research program on Management and Assessment of Technology.
- 1981 - 1986 Assistant Professor, Chemistry and Society, University of Amsterdam. From 1982 –1986 responsible for teaching Chemistry and Society; in the same period dissertation research.
- 1980 - 1981 Lecturer, Chemistry and Society, University of Utrecht.
- 1976 - 1980 Researcher, Organic Chemistry, and Lecturer, Chemistry and Society, Leiden University.

Education

MSc Chemistry, Major: Organic Chemistry, Minors: Pharmacology, Chemistry and Society, Leiden University, 1975.

BA Sociology, Leiden University, 1979.

Master Courses in Organization Sociology, Occupational Sociology at the Leiden University and the University of Amsterdam, 1979-1983.

PhD University of Amsterdam, “Scientists, Audiences and Resources”, Promotor: Prof. Dr Stuart Blume, copromotor Olga Amsterdamska. Defended 29 June 1988.

Academic functions

- 1973 - 1976 Student member Committee of Education, Faculty of Chemistry, Leiden University.
- 1983 - 1986 Board member of the Chemistry Shop, Faculty of Chemistry, University of Amsterdam
- 1987- 1989 Board member of the Science Shop, Faculty of Natural Sciences, University of Groningen.
- 2002 - 2004 Member and Chair of the Employee Council, Faculty of Social Sciences, VU.
- 2001 - 2003 Member of the Committee on Research, Faculty of Social Sciences, VU.
- 2003 - 2007 Track coordinator Organization track Research Master Social Research VU.
- 2004 - 2007 Chair of the Committee on Research, Faculty of Social Sciences, VU.
- 2009 - 2012 Member of Management Team Network Institute VU.
- 2009 - 2011 Member of the program board of Amsterdam Business Research Institute VU.

External functions and academic service

- 1978 - 1983 Co-founder and member of the board of the Stichting Arbeid en Gezondheid (Foundation of Labour and Health).
- 1978 - 1983 Member of the board, and secretary of the Vereniging van Wetenschappelijke Werkers (Union of Scientific Workers).

- 1984 - 1990 Editor Tijdschrift voor Gezondheid en Politiek (Journal for Health and Politics).
- 1991 - 1993 Member of the National Technical Committee on Life Cycle Analysis, Dutch Standards Institute, NNI
- 1999 - 2002 Editor Tijdschrift voor Wetenschap Technologie en Samenleving (Journal for Science Technology and Society).
- 2002 - 2008 Editor; Editorial board Jaarboek Kennis Samenleving (Annual Knowledge Society), Aksant, Amsterdam.
- 2008, 2009, 2011-2014
Member of the Research Committee of the Academy of Management, division of Organization and Management Theory, for the selection of best papers in OMT.
- 1995 - Editor; Editorial Board Business Strategy and the Environment.
- 2013 - Editor; Editorial Board Organization Studies.

In recent years also reviewer for NWO and ZONMW, Croatian Science Foundation, Academy of Management Annual Conference, and the following journals: *Business & Society*, *Business Strategy and the Environment*, *Journal of Business Ethics*, *Journal of Management Inquiry*, *Sociological Focus*, *Social Networks*, *Public Administration*, *Organization*, *Organizational Research Methods*, *Organization Studies*, *Science and Public Policy*, *Society and Natural Resources*, *Sustainable Technology*.

Referent or member of the exam committees for the following PhD students:

Eva Heiskanen (Helsinki School of Economics, 2000); Louis Goossens (University of Utrecht, 2001); Maritta Ylärinta, (Turku School of Economics, 2006); Gert Homsma (VU University Amsterdam, 2007); Jakomijn van Wijk (VU University, 2009); Eleftheria Vasileiada (University of Amsterdam, 2009); Tom de Schryver (Radboud University, 2009); Gerald Mollenhorst (University of Utrecht, 2009); Bart de Jong (VU University 2009); Suresh Bhagavatula (VU University 2009); Mark Bos (VU University Amsterdam 2010); Kim van Nieuwaal (VU University Amsterdam, 2011); Maaïke Verbree (VU University Amsterdam, 2011); Arend Zomer (University of Twente, 2011); Myrthe Berendse (VU, University Amsterdam, 2013); Jacqueline Hartgerink (Erasmus Medisch Centrum, 2013); Cedric Vertraete (Universiteit van Gent, 2015); Sue Slaghuis (IBMG Erasmus Universiteit, 2016); Peter Kemper (VU Medical Centre, Amsterdam 2016).

Memberships

Academy of Management, American Sociological Association, European Group of Organization Studies.

Organizer of workshops and conferences

Workshops with experts and decision makers were part of nearly all EU and Dutch policy projects mentioned below. These are not listed separately.

Two workshops on sustainable strategies in cooperation with the Helsinki School of Economics, in 1999 and in 2000.

Conference Planning Committee of the 9th Greening of Industry Network Conference, Chapel Hill (NC), November 2000.

International Research Workshop on Pesticides: Problems, Improvements, Alternatives, Egmond aan Zee, June 2000.

Workshop Corporate Social Responsibility and the Politics of Stakeholder Influence Bergen, 17-19 April 2004

The Changing Dynamics of the Corporation-Society Relationship: Integrative Theoretical and Empirical Approaches, Showcase Symposium Academy of Management Conference, New Orleans, 7-11 august 2004.

Workshop on Management and Research Quality (national), VU Amsterdam, 20 June 2005.

1st Workshop on Social Networks and Identity in Organizations, VU Amsterdam, 25/26 June 2007.

2nd Workshop and Seminar on Social Network Analysis and Theory Development on Two Mode Networks, October 2010 VU Amsterdam.

3rd workshop and seminar on Social Network Analysis and Organizations, October 2011 VU Amsterdam.

4th Workshop on Social Networks and Theory Development, Networks and Organization, VU Amsterdam, June 2013

5th Workshop on Social Networks and Theory Development, Networks and Meaning, VU Amsterdam, Sept, 2015.

External grants acquired Research Councils

Networks and the Development of Solar Cells, 1992-1996 (NWO, PhD, project main applicant).

Barriers to Innovation in Materials, 1997-2001 (NWO, PhD, main applicant).

Quality Assessment and Medical Research, 1999-2004 (NWO, PhD, main applicant).

Boundary Work between Science and Policy, 2002-2007 (NWO, Postdoc, main applicant).

ICT entrepreneurs and their networks, 2003-2007 (NWO, PhD, co-applicant).

Akademie Assistants, KNAW – Royal Academy of Sciences 2010-2012 (main applicant 295 k€).

ZONMW National Program on Aging 2010-2014 (co applicant, 450 k€).

Preparation grant for application to smart governance NWO 2014 (co applicant 18k€).

Grant for development of analytic software KIEM, NWO 2014 (applicant 18k€).

Grant for PhD talent project Iteke van Hille, NWO 2014 (co-applicant 200k€).

Grant for Smart Governance project funded by NWO and partners from the field emergence management and humanitarian response, 2 PhDs and 1 postdoc (co-applicant 700k€)

EU and other research funding

Development of Techniques for Lifecycle Assessment of Materials, 1988-1990 (Ministries VROM (Housing and the Environment) en EZ (Economic Affairs), 70 k€).

Material Innovation for Environmental Goals, 1990-1992 (Inter ministerial Advisory Group on Materials, 60 k€).

Innovation in Plastic Technology and Waste Management in the Car Industry, 1990-1992 (SAST Unit DGXII EU, 75 k€).

Innovation in Materials Use in the Car Industry, 1991-1992 (NOTA (Dutch Organization for Technology Assessment, 60 k€).

Use of Technology Foresight in Environmental Policy, 1992 (Ministry of Housing and the Environment, 30 k€).

Advice and Report on Car Recycling, 1993-1994 (Flemish Ministry of the Environment, 15 k€).

A Life Cycle Perspective on Jute, 1992–1993 (Ministry of Foreign Affairs, Directorate on Development Cooperation, 20 k€).

Development of Chain Management for Sustainability, 1995-1996 (European Partners for the Environment, 25 k€).

Technology Assessment of Pesticide Use in the Netherlands, 1996 -1998 (Rathenau Instituut, previously NOTA, 300 k€).

Social and Organizational Issues in the Adoption of Advanced Energy Technologies in Manufacturing, 1996-1997 (EU, DGXII, Joule/Thermie Program, 55k€).

Business-to-Business Service Innovations in the EU, 1998-2001 (EU, DGXII, Environment Program, 75 k€).

Innovation and Sustainable Construction, 1998-1999 (Rathenau Instituut, 35 k€).

Expertise and Policy, 1999 (Rathenau Instituut, 15 k€).

Participation and case development in the European Virtual Seminar on Sustainable Development 2002-2003 (Digital University VU, 25 k€).

Contribution to Interdisciplinary Project on Crop Protection, 2002-2003 (Institute of Environmental Studies, VU, 25k€).

Workshop on Corporate Social Responsibility, 2004 (International Cooperation Fund (ISW) NWO, small grant).

VU, Co-funding PhD position, 2004-2008 (Da Vinci Instituut VU, 30 k€).

Interdisciplinary, Interuniversity and International education via ICT: 'Networks and Behavior', Project with Harvard, University of Peking, University of Turku, directed by Dr.E. Dugundji, (Digital University 2006-2007, University of Amsterdam).

Workshop on Social Networks and Identity in Organizations (NWO, small grant 3k€).

Analysis of strategic interactions at engineering firm. 2007 (together with Frederique Six 7k€).

Participation of crisis organization project, 2007 (Fire Service Amsterdam 7 k€).

Organizational culture, 2009 (Fire Service Amsterdam 9 k€).

Evaluation of project management, 2009 (Department of Housing VU 12 k€)

Research into the legitimation of health care entrepreneurs, 2011 (Rabobank Fund 30k€)

Large innovation voucher for knowledge transfer, 2011 (La Red 7.5 k€).

Politie Rotterdam (Police Unit Rotterdam), 2011 (De Ruijter, PhD, salary paid by organization 200 k€)

Erasmus Medisch Centrum, 2012 (Schölmerich 50k€).

Dienst Infrastructuur Verkeer en Vervoer Gemeente Amsterdam (City of Amsterdam, Unit Infrastructure), 2012 (Van Berkel, PhD 2,5 yr salary and supervision costs 174 k€).

Thales Research, 2012 (Gouman, PhD, salary costs est. 200 k€)

TNO, 2012 (Treurniet, PhD, salary costs est. 200k€)

Former Favela, now New Craft, 2013 (Reus, PhD salary costs, 200 k€)

Dutch Central Bank, 2014 (Niehot, PhD salary and project costs, 200 k€)

Teaching

1974 - 1979	Chemistry and Society, project and courses, (Leiden University).
1980	Postgraduate course New Developments in Science Policy, (Leiden University).
1980 - 1981	Chemistry and Industry, course development and teaching (Utrecht University).
1982 - 1986	Chemistry and Society, projects and courses (University of Amsterdam).
1985 - 1986	Philosophy of Science (University of Twente).
1986 - 1991	Chemistry and Society, various courses (University of Groningen).
1990 - 1991	Innovation and Chemistry (RUG).
1993 - 2001	Social Aspects of Science and Technology courses (VU).
1999 - 2001	Social Aspects of the Information Society course (VU).
2002 - 2003	Strategic Management (BA) (VU).
2002 - 2003	European Virtual Seminar on Sustainability (VU).

2001 - 2006	Social Research Exercise (3 rd year BA and Pre-masterclass) (VU).
2003 - 2008	Social Networks (3 rd year BA) (VU).
2004 - 2008	Master Seminar Social Networks (VU).
2007 - 2010	Bachelor course in Organization Theory (VU).
2008 - 2010	Master Seminar Methodology of Organizational Research (VU).
2001 -	Supervision of Master theses BCO (average 10 per year total over 100).
2008 - 2013	Master Seminar Entrepreneurship and Relational Capabilities (VU).
2013 -	Bachelor course in Virtual Organization in minor networked society (VU).
2014 -	Course on Organization, Communication and Networks, master BCO (VU).
2014 -	PhD course on careers (VU).

Supervision of PhD projects

Beleid rond in vitro fertilisatie in Nederland [Policy on in vitro fertilisation in the Netherlands. (G.van Overbeeke, VU, co-promotor, defended 1993).

In search of a useful theory of environmental strategy: A case study on the recycling of end-of-life vehicles from the capabilities perspective. (F. den Hond, VU, co-promotor, defended 19 September 1996).

Building a climate for change. Reducing CO₂ emissions through materials innovation in the European building industry. (T. Goverse, VU/NWO, co-promotor, defended 7 October 2003).

Sociale Netwerken voor Gedreven Technologie. Een studie op het gebied van de fotovoltaïsche cellen [Social networks for technology: a study of photovoltaic cells]. (R.S. Poppen, assistant promotor, University of Twente defended 16 January 2004).

De benutting van wetenschappelijke kennis in waterbeleid. (The use of scientific knowledge in water policy). (A. Boogerd, VU, co-promotor defended 30 June 2005).

The role of ecotoxicology in soil policy in the Netherlands. (A.F.M.M. Souren, VU, co-promotor defended 27 October 2006).

The role of external quality assessment and management in health research. (I.C.M. van der Weijden, NWO, co-promotor, defended 19 January 2007).

Social networks and the semantic web. (P. Mika, VU, co-promotor, defended 5 February 2007 cum laude).

ICT Entrepreneurs and their networks. (W. Stam, VU/NWO, co-promotor, started 2003 defended 3 June 2008 cum laude).

Social network dynamics of regional inter-firm districts and inter-organizational systems. (M. Bahlman, promotor, VU, started 2006 defended June 2011).

Dynamics of knowledge transfer in social networks. (M. de Klepper, promotor, VU, started 2005, defended October 2011).

Influence of University Entrepreneurship Education on Students' Development and Decisions towards Entrepreneurship as a Future Career in Tanzania. (Ernest Mwasalwiba promotor, defended November 12, 2012).

The Development of Social Structures in Online Innovating Communities (Christine Moser, promotor, defended 10 October 2013).

Staying task focused in the face of error. (Nicoletta Dimitrova, promotor, defended 11 February 2014).

Knowledge transfer between university and industry. (Nischa Korff, promotor, Fachhochschule Munster, defended 25 June 2014).

Health care collaboration around childbirth (Vera Schölmerich, co-funded Erasmus Medical Centre, promotor, defended 18 November 2014 Erasmus Medisch Centrum)

Communication, errors and identity threat. (Annemiek van Os, promotor, defended 2 December 2014)

University business relations. (Todd Davey, promotor, Fachhochschule Munster, defended 22 April 2015)

Networks in computer science research institutes. (Julie Birkholz, promotor, defended 12 June 2015)

Network Dynamics of Entrepreneurial Legitimacy (Eveline Stam, promotor started October 2009, defended 8 September 2015)

Coordination and emergency response (Jeroen Wolbers, promotor, started September 2009, defense 8 January 2016).

Health care networks of the elderly (Marianne Jacobs, copromotor, started January 2011, defense 29 January 2016)

University business relations and experience (Victoria Galan de Muros, promotor, Fachhochschule Munster, started January 2012, dissertation at thesis committee).

Semantic networks in communication on the financial crisis. (Adina Nerghe, promotor, funded Aspasia Hellsten, October 2011, dissertation at thesis committee)

Simulation of organizational change. (Peter van Woensel, promotor, started spring 2010, dissertation at thesis committee)

Organizational culture and change. (Freek van Berkel, DIVV Amsterdam City, promotor, October 2011, dissertation at thesis committee)

Banking and CSR. (Anne Kok, promotor, started September 2010).

Organizational change sensemaking approach. (Paul de Groot, Ordina, promotor, started autumn 2010).

Police public function and public reaction. (Sietske de Ruijter, Police Rotterdam, promotor, July 2011).

Modelling of collaboration and decision making in Crisis Response. (Rianne Gouman, funded D-CIS Thales, promotor, July 2011).

Health care organizational networks and elderly care. (Marieke van Wieringen, promotor, November 2011).

Culture and collaboration in Japanese Dutch companies. (Greetje Corporaal, promotor, started March 2011).

Reliable networks in emergency management. (Willem Treurniet, promotor, funded TNO, started February 2012).

Safety culture in the aviation industry (David Passenier, promotor, started september 2013)

Decision making in crisis management. (Willem van Santen, promotor, funded Peaks and Valley, started March 2012).

Social network analysis of company knowledge communities. (Bas Reus, promotor, funded Favela Fabric (Social business consultancy), started July 2012).

Female careers and networking. (Jeanne Martens, started September 2013).

Resilient safety organizations. (John van Trijp, started November 2013).

Collaboration in financial supervision. (Remo Niehot, Dutch National Bank, started June 2014).

Role of conveners in development of sustainability in multiparty collaboration. (Iteke van Hille, NWO talent subsidy started January 2015).

Power in collaboration networks in emergency management. (Arjen Schmidt, NWO Smart Governance started February 2015).

Social media and information diffusion in civil and organizational network in humanitarian disasters. (Femke Mulder, NWO Smart Governance started May 2015).

Military civil collaboration in emergency management (Jori Kalkman, TNO funded with NLDA, started September 2015).

Refereed scientific publications (journal articles and reviewed) book chapters

- Groenewegen, P., Kallenberg H., & van der Gen A. (1978). Aldehyde Enolates II. Direct alkylation of aldehyde anions. *Tetrahedron Letters*, 1978, 491 - 494.
- Groenewegen, P., Kallenberg H., & van der Gen A. (1979). Aldehyde Enolates III. Direct sulfenylation and iodination of aldehyde anions. *Tetrahedron Letters*, 1979, 2817-2820.
- Groenewegen, P. (1987). Attracting audiences and the emergence of toxicology as a practical science. In: S.S Blume et al. (Eds.) *Sociology of the Sciences Yearbook: Vol XI. The Social Direction of the Public Sciences* (pp. 305-326). Dordrecht: Reidel.
- Rip A., & Groenewegen, P. (1988). Les faits scientifiques a l'epreuve de la politique. In M.Callon (Ed.), *La science et ses réseaux, g n se et circulation des faits scientifiques* (pp. 149-172). Paris: Editions la D couverte.
- Van Rossum, W., van den Berg K.Y., & Groenewegen, P. (1988). Actor and social network analyses of a problem field; the case of DES research. In. A.F.J. van Raan, A.J. Nederhof & H.F Moed. (Eds.), *Science and technology indicators, their use in science policy and their role in science studies* (pp. 287-305). Leiden: DSWO Press.
- Vergragt, P., & Groenewegen, P. (1989). New technological developments and technology assessment: a plea for an integrated approach. *Project Appraisal*, 4, 29-35.
- Groenewegen, P. (1989). Influences of local and organizational factors on output indicators, *Scientometrics*, 15, 409-422.
- Den Hond, F., Groenewegen, P. & Vergragt, P., (1990). Technology assessment, expectations and networks: an illustration using new materials. *Project Appraisal*, 5, 83-92.
- Groenewegen, P. & Vergragt, P., (1991). Technology policy and the creation of new technologies. *International Journal of Technology Management*, 6, 75-90.
- Van Eijndhoven J. & Groenewegen, P. (1991). The construction of expert advice on health risks, *Social Studies of Science*, 21, 257-278.
- Groenewegen, P. & Vergragt, P., (1991). Environmental issues as threats and opportunities in technological innovation. *Technology Analysis and Strategic Management*, 4, 43-55.
- Philip J. Vergragt, Groenewegen, P. & Mulder K.F. (1992). Industrial technological innovation: interrelationships between technological, economic and sociological analyses. In P. Saviotti, V. Walsh & R. Coombs (Eds.) *Technological Change and Company Strategies* (pp. 226-247). London: Academic Press.
- Groenewegen, P. (1992). Stimulating 'hot technologies' interorganizational networks in Dutch ceramic research. *R&D Management*, 22, 293-305.
- Groenewegen, P. & Den Hond, F., (1993). Product waste in the automobile industry: technology and environmental management. *Business Strategy and the Environment*, 2, 1-12.
- Eric-Jan Tuininga & Groenewegen, P. (1993). Sustainable development: a challenge to Dutch industry? *Business Strategy and the Environment*, 2, 28-41.

Den Hond, F., & Groenewegen, P. (1993). Cooperation between firms in the automotive branch and strategies to solve environmental problems. In: J.Schot & K.Fischer, *Environmental Strategies for Industry -- International Perspectives on Research Needs and Policy Implications* (pp. 343-367). Washington D.C.: Island Press.

Den Hond, F., & Groenewegen, P. (1996). Environmental technology foresight: new horizons for technology management. *Technology Analysis and Strategic Management*, 8, 33-46.

Groenewegen, P. & Potter, S., (1996). Institutional barriers to the introduction of lightweight vehicles. *International Journal of Vehicle Design*, 17, 240-246.

Groenewegen, P. & Hass, J.L. (1996). Life cycle management. In Groenewegen, P., Fisher, K., Jeniks, E.G., & Schot, J., (Eds.), *The Greening of Industry, Bibliography and Resource Guide* (pp. 63-85). Washington D.C.: Island Press.

De Bruijn, T., Groenewegen, P. & Grolin, J. (1997). Global restructuring – A place for ecology? *Business Strategy and the Environment*, 6, 173-184.

Groenewegen, P., Reijnen, E., & Govers, T., (1997). Pesticide use in the Netherlands: What leverage for policy? *European Environment*, 7, 126-132.

Boogerd, A., Hisschemöller, M., & Groenewegen, P. (1997). Knowledge utilization in water management in the Netherlands related to desiccation. *Journal of American Water Resources Association*, 33, 731-740.

Groenewegen, P., Govers, T., Gielen, D., & Henk Moll (1998). Barriers to the reduction of carbon dioxide emissions from materials. *Milieu*, 255-263.

Peters, L.S., Fiebelkorn, N., & Groenewegen, P. (1998). A comparison of networks between industry and public sector research in biotechnology and materials technology. *Research Policy*, 27, 257-273.

Den Hond, F., Groenewegen, P. & Vorley, W.T. (1999). Globalization of pesticide technology and meeting the needs of low-input sustainable agriculture, *American Journal of Alternative Agriculture*, 14, 50-58.

Hekkert, M., Govers, T., Groenewegen, P., Worrell, E., & Smits, R.E.H.M. (2001). Wood in the residential construction sector; opportunities and constraints, *Resources Conservation and Recycling*, 34, 53 –74.

Hisschemöller, M., Hoppe, R., Groenewegen, P. & C.J.H. Midden (2001). Knowledge use and political choice in Dutch environmental policy: A problem structuring perspective on real life experiments in extended peer review. In M. Hisschemöller, W.N. Dunn, R. Hoppe, & J. Ravetz, (Eds.). *Policy studies review annual, Volume 12. Knowledge, power and participation in environmental policy analysis* (pp. 437-470). New Brunswick: Transaction Publishers.

Marko, M.P., Groenewegen, P., Kram, T., van Duin, P., & de Jong, P. (2002). Improved material management as trend-breaking for reduction of greenhouse gas emissions. In: M. Kok, W. Vermeulen, A. Faaij & D. de Jager, (Eds.), *Global warming and social innovation. The challenge of a climate-neutral society* (pp. 126-142). London: Earthscan.

Groenewegen, P. & Peters, L.S. (2002). The emergence and change of materials science and engineering in the United States. *Science Technology and Human Values*, 27, 112-133.

Groenewegen, P. (2002). Accommodating science to external demands: The emergence of Dutch toxicology. *Science Technology and Human Values*, 27, 479-498.

- Bartolomeo, M., dal Maso, D., de Jong, P., Eder, P., Groenewegen, P., Hopkinson, P., James, P., Nijhuis, L., Örnunge, M., Scholl, G., Slob A., & Zaring O., (2003). Eco-efficient producer services. What are they, how do they benefit the environment and how likely are they to develop? *Journal of Cleaner Production*, *11*, 829 – 837.
- Den Hond, F., Groenewegen P., & van Straalen, N.M. (2003). Questions around the persistence of the pesticide problem. In: F. den Hond, F., P. Groenewegen & N.M van Straalen. (Eds.), *Pesticides, problems, improvements, alternatives* (pp. 1-15). Oxford: Blackwell Science.
- Groenewegen, P., den Hond, & van Straalen, N.M. (2003). Integration, learning to solve the pesticide problem. In F. den Hond, Groenewegen, P. & N.M. van Straalen (Eds.) *Pesticides, problems, improvements, alternatives* (pp. 241-251). Oxford: Blackwell Science.
- Groenewegen, P. & Wouters P., (2004). Genomics, ICT and the formation of R&D networks, *New Genetics and Society*, *23*, 167-185.
- De Bakker, F.G.A., Groenewegen, P., & Den Hond, F., (2005). A bibliometric analysis of 30 years of research and theory on corporate social responsibility and corporate social performance. *Business & Society*, *44*, 283-317.
- De Bakker, F.G.A., Groenewegen, P., & Den Hond, F., (2006). A research note on the use of bibliometrics to review the CSR/CSP literature. *Business & Society*, *45*, 7-19.
- Mika, P., Elfring, T., & Groenewegen, P. (2006). Application of semantic technology for social network analysis in the sciences. *Scientometrics*, *68*, 3-28.
- Groenewegen, P. & Wagenaar, F.P., (2006). Infighting or emergence? Towards understanding how information systems come into being. *Information Polity*, *11*, 1-14.
- Van de Bunt, G.G., & Groenewegen, P. (2007). Dynamics of social networks in genomics a statistical modeling approach. *Organizational Research Methods*, *10*, 463-482.
- Souren, A.F.M.M., Poppen, R.S., Groenewegen P., & van Straalen, N.M. (2007). Knowledge production and the science–policy relation in Dutch soil policy: results from a survey on perceived roles of organisations, *Environmental Science and Policy*, *10*, 697-708.
- Groenewegen, P. & Wagenaar, F.P., (2008). VO as an alternative to hierarchy in the Dutch police sector. In G.D. Putnik & M.M. Cunha (Eds.): *Encyclopedia of Networked and Virtual Organizations* (pp.1581-1587) Hershey, PA.: IGI Press.

Van der Weijden, I., De Gilder, D., Groenewegen, P. & Klasen, E., (2008). Implications of managerial control on performance of Dutch academic (bio) medical and health research groups. *Research Policy*, 37, 1616-1629.

De Gilder, D., Groenewegen, P., Van der Weijden, I., & Geerling, M., (2008). Effects of organizational climate on careers in medical research *Higher Education Policy*, 21, 205-321.

Wolbers J., Groenewegen, P., & Wagenaar, F.P., (2008). ICT to facilitate emergency response in the Netherlands. Cooperation between police, fire brigades and first aid teams. In: J. Salmons & Lynn Wilson (Eds): *Handbook of Research on Electronic Collaboration and Organizational Synergy*. (pp. 628-636) Hershey PA: Information Science Reference.

Soeparman, S., van Duivenboden, H., Wagenaar, F.P., & Groenewegen, P. (2008). ICTs and the limits of integration: Converging organizational routines and ICT support in collocated emergency response control rooms. *Information Polity*, 13, 195–211.

Zeiss, R., & Groenewegen, P. (2009). Boundaries between STS and Organization and Management Studies? What the travels of the concepts of ‘boundary work’ and ‘boundary object’ can tell us. *Organization*, 16, (1) 81-100.

Teelken, C., Boersma, F.K., & Groenewegen, P. (2009). The graduate system in transition: can we beat the managerial challenge? In: J. Huisman (Ed), *International Issues in Higher Education*, (pp. 237-25) New York/London: Routledge.

Wagenaar, F.P., Boersma, F.K., P. Groenewegen & P. Niemandsverdriet (2009). Coping with ‘co-location’ Implementing C2000 and GMS in the Dutch police region ‘Hollands-Midden’ In: A. Meijer, F.K. Boersma, & F.P. Wagenaar (Eds), *ICTs, Citizens & Governance: After the Hype!* (pp. 119-134). Amsterdam: IOS Press,

Wakkee, I., Groenewegen, P. & Danskin Englis, P. (2010). Building Effective Networks: Networking strategy and emerging virtual organizations. In: Honig, B., Drori, I. & Carmichael, B. (eds) *Transnational and immigrant entrepreneurship in a globalized world*. University of Toronto Press, Toronto. pp 75-99.

Boersma, F.K., P. Groenewegen & Wagenaar, F.P. (2010). The information management of co-located Emergency Response Rooms in the Netherlands, In: Rahman. H. (Ed.) *Adoption, Diffusion and Evaluation of Global E-Governance Systems: Impact at the Grass Roots*. (pp.107-116) Hershey PA: IGI Global.

Birkholz, J., Bakhshi, R., Harige, R., van Steen, M., & Groenewegen, P. (2012). Scalable Analysis for Large Social Networks: The Data-Aware Mean-Field Approach. In K. Aberer, A. Flache, W. Jager, L. Liu, J. Tang, & C. Guéret (Eds.), *Social Informatics. Lecture Notes in Computer Science 2012*: 406-419. Berlin / Heidelberg: Springer.

Posthumus, A. G., Schölmerich, V. L. N., Waelput, A. J. M., Vos, A. A., Jong-Potjer, L. C., Bakker, R., Bonsel, G. J., Groenewegen, P., Steegers, E. A. P., & Denktas, S. (2013). Bridging Between Professionals in Perinatal Care: Towards Shared Care in The Netherlands. *Maternal and Child Health Journal*, 17, 1981-1989.

Moser, C., Groenewegen P., & Huysman, M. (2013). Extending Social Network Analysis with Discourse Analysis – Combining Relational with Interpretive Data, p. 547-561. In: Ozyer T., et al, ed., *The Influence of Technology on Social Network Analysis and Mining*, Springer, New York.

Moser, C., Ganley, D. & Groenewegen, P. (2013). Communicative genres as organizing structures in online communities – of team players and story tellers, *Information Systems Journal*, 23 (6), 551-567.

Wolbers, J., Groenewegen, P., Mollee, J. & Bim, J. (2013). Incorporating time dynamics in the analysis of social networks in emergency management. *Journal of Homeland Security and Emergency Management* 10 (2), 1-31.

Groenewegen, P. & Moser, C. (2014). Online communities: challenges and opportunities for social network research, In: D.J. Brass, G. Labianca, A. Mehra, D.S. Halgin, & S.P. Borgatti (Eds.) *Contemporary Perspectives on Organizational Social Networks. Research in the Sociology of Organizations*, 40, (pp.459-473). Bingley: Emerald.

Stam, E., Wakkee, I. & Groenewegen, P. (2014). Acting Ingeniously: Opportunity Development through Institutional Work, In: B. Honig, & I. Drori (Eds.) *Handbook of Organizational and Entrepreneurial Ingenuity*. (pp. 223-253) Cheltenham: Edward Elgar.

Mwasalwiba, E.S., Groenewegen, P. & Wakkee, I. (2014). University entrepreneurship in Tanzania: Introducing entrepreneurship education in a context of transition, In: A. Fayolle & Redford D., (Eds.) *Handbook on the Entrepreneurial University*, (pp. 136-162) Cheltenham: Edward Elgar.

Schölmerich, V.L.N., Erdem, Ö., Borsboom, G.J.J.M., Ghorashi, H., Groenewegen, P., Steegers, E.E.A.P., Ichiro Kawachi & Semiha Denктаş (2014). The Association of Neighborhood Social Capital and Ethnic (Minority) Density with Pregnancy Outcomes in the Netherlands, *Plos ONE* 9 (5), e95873

V.L.N. Schölmerich, Posthumus, A.G., Ghorashi, H., Waelput, A.J.M., Groenewegen, P. & Denктаş, S. (2014). Improving interprofessional coordination in Dutch midwifery and obstetrics: a qualitative study, *BMC Pregnancy and Childbirth* 14 (1) 145

Korff, N., van der Sijde, P., Groenewegen, P. & Davey, T. (2014). Supporting University-industry-linkages: a case study into the relationship between the organizational and individual level. *Industry & Higher Education* 28 (4) 281-300.

Dimitrova, N. G., Dyck, C., Hooft, E. A., & Groenewegen, P. (2015). Don't Fuss, Focus: The Mediating Effect of On-Task Thoughts on the Relationship between Error Approach Instructions and Task Performance. *Applied Psychology*, 64(3), 599-624.

Galán-Muros, V., Van der Sijde, P., Groenewegen, P., & Baaken, T. (2015). Nurture over nature: How do European universities support their collaboration with business? *The Journal of Technology Transfer*, 1-22.

Nerghes, A., Hellsten, I., & Groenewegen, P. (2015). A Toxic Crisis: Metaphorizing the Financial Crisis. *International Journal of Communication*, 9, 27.

Nerghes, A., Lee, J.-S., Groenewegen, P., & Hellsten, I. (2015). Mapping discursive dynamics of the financial crisis: a structural perspective of concept roles in semantic networks. *Computational Social Networks*, 2(1), 1-29.

Van Os, A., De Gilder, D., Van Dyck, C., & Groenewegen, P. (2015). Responses to professional identity threat: Identity management strategies in incident narratives of health care professionals. *Journal of Health Organization and Management*, 29(7), 1-19.

Van Os, A., Van Berkel, F., De Gilder, D., Van Dyck, C., & Groenewegen, P. (2015). Project risk as identity threat: explaining the development and consequences of risk discourse in an infrastructure project. *International Journal of Project Management*, 33, 877-888.

Van Wieringen, M., Broese van Groenou, M., & Groenewegen, P. (2015). Impact of Home Care Management on the Involvement of Informal Caregivers by Formal Caregivers. *Home Health Care Services Quarterly*, 34(2), 67-84.

Verbree, M., Horlings, E., Groenewegen, P., Van der Weijden, I., & van den Besselaar, P. (2015). Organizational factors influencing scholarly performance: a multivariate study of biomedical research groups. *Scientometrics*, *102*(1), 25-49.

Jacobs, M., Broese van Groenou, M., van Tilburg, T., & Groenewegen, P. (2015). Linkages between informal and formal caregivers in home care networks of frail older adults. *Ageing and Society*. (accepted)

Edited Books

Rip, A., en Groenewegen, P. (Eds.) (1980). *Macht over kennis. Mogelijkheden van wetenschapsbeleid* [Power over knowledge. Possibilities of science policy]. Alphen aan de Rijn: Samsom.

Groenewegen, P., Fisher, K., Jenkins, E.G. & Schot J. (Eds.) (1996). *The Greening of Industry, Bibliography and Resource Guide*. Washington D.C.: Island Press.

Groenewegen, P., Green, K. & Hofman, P.S. (Eds.) (2001). *Ahead of the Curve. Cases of Innovation in Environmental Management*. Dordrecht: Kluwer Academic Publishers.

den Hond, F., Groenewegen, P. & van Straalen, N.M. (Eds.) (2003). *Pesticides, Problems, Improvements, Alternatives*. Oxford: Blackwell Science.

Chapters in books and external reports

Groenewegen, P. (1986). Prioriteiten in de toxicologie [Priorities in toxicology]. In Rip, A., R.Hagendijk, H.Dits (Eds.) *Implementatie van Prioriteiten een Achtergrond Studie*, [Implementation of priorities a background study] 's Gravenhage/Amsterdam: RAWB/Vakgroep Wetenschapsdynamica UvA.

Groenewegen, P. (1991). *Materiaaltechnologie en milieu, een verkennende studie* [Material technology and the environment, a foresight study] Zoetermeer: AdviesGroep Materialen.

R. Weterings, L. Sterrenberg, & P. Groenewegen (1991). *Signalering van de risico's van nieuwe technologieën* [Signalling the Risks of New Technologies]. Rijswijk: Raad voor het Milieu- en Natuuronderzoek (RMNO).

Groenewegen, P. & Marco van der Ven (1992). *Materiaaltechnologie en milieu, een onderzoeksprogrammering* [Materials technology and the environment, a programming exercise]. Rijswijk: RMNO.

Den Hond, F., Groenewegen, P. & Vergragt, P., (1992). *Milieuvriendelijker produktontwerp door samenwerking. Een case-study in de automobieliindustrie* [Environmental Friendly Design by Cooperation. A Case Study in the Automobile Industry]. Den Haag: NOTA.

Groenewegen, P. & F.den Hond (1992). *Technological Innovation in the Plastics Industry and its Influence on the Environmental Problems of Plastic Waste, Report on the Automotive Industry*. Brussels-Luxembourg: Commission of the European Communities.

Groenewegen, P. & George van Overbeeke (1994). *Jute & Life Cycle Analysis: A Review on a Comparative Impact Assessment by EPEA*. Amsterdam: Vrije Universiteit.

Groenewegen, P., Esther Reijnen, Jo-Ella van Rijn, Theo van de Sande, John Grin, Hans van Laar, Carlo Schreurs, Joost Reus, & Gea Bouwman (1996). *Op weg naar duurzame gewasbescherming* [On the Road to Sustainable Crop Protection]. Den Haag: Rathenau Instituut.

Petra Doelman, Ferd Schelleman, Coen Sedee, Tessa Goverse & Groenewegen, P. (1996). *EPE Workbook: Towards Sustainable Agri-food Chains*. Den Haag: TME.

Groenewegen, P. (1997). De relatie tussen stof-materiaal-productstroomonderzoek en besluitvorming [The relation between substance-material-product studies and decision making. In Den Hond, F., (Ed.) *Sociaal-economische sturing van product- en materiaalketens*, [Socio-economic Steering of Product- and Material Chains] (pp.17-24). Workshop Report R-97/04. VU Amsterdam: IVM Vrije Universiteit

Sacha Silvester, Claudia Bouwens, Groenewegen, P., Anke van Hal, & Ger de Vries (1998). *Duurzame stedenbouw, koersen op kansen* [Sustainable urban development: setting a course for opportunities]. Den Haag: Rathenau Instituut.

M.Hisschemöller, Groenewegen, P., R.Hoppe & C.J.H.Midden (1998). *Kennisbenutting en politieke keuze: een dilemma voor het milieubeleid?* [Knowledge utilization and political choice: a dilemma for environmental policy?]. Werkdocument 65. Den Haag: Rathenau Instituut.

T.Kram, D.J. Gielen, A.J.M.Bos, M.A.P.C. de Feber, T. Gerlagh, B.J.Groenendaal, H.C.Moll, M.E.Bouwman, B.W.Daniels, E. Worrell, M.P.Hekkert, L.A.J.Joosten, Groenewegen, P. & Govers, T., (2001). *The Matter Project: Integrated Energy and Materials Systems Engineering for GHG Emission Mitigation*. Report no.: 410 200 055, Dutch National Research Programme on Global Air Pollution and Climate Change, Bilthoven, Netherlands.

Van der Weijden, I., Groenewegen, P. & Eduard Klasen (2001). *Intermediaire Organisaties in het Nederlands Gezondheidsonderzoek* [Intermediary organizations in Dutch health research]. Amsterdam: Vrije Universiteit, Faculteit Sociaal Culturele Wetenschappen, Afdeling Bestuurs- en Communicatiewetenschappen.

Reviewed published conference proceedings

Groenewegen, P. (1984). Development of toxicological research in the Netherlands. Problem orientation startingpoint for scientific development? In W.Callebaut, S.E.Cozzens, B. P.Lecuyer, Rip, A., & J.P.van Bendegem (Eds.), *George Sarton Centennial, Communication and Cognition* (pp. 274 277). Gent: University of Gent.

Groenewegen, P. (2001), Genomics and network formation in the pharmaceutical industry. *Proceedings IEEE International Engineering Management Conference*. 280-285.

Yvette Taminiou & Groenewegen, P. (2003). The strength of social embeddedness: societal and cultural activism, as conditions for early internet entrepreneurs in Amsterdam, *Proceedings IEEE International Engineering Management Conference*. 494-498.

M.D Bahlmann, T. Elfring, Groenewegen, P., M.H. Huysman, Does Distance Matter? An Ego-network approach towards the knowledge-based theory of clusters, *AOM Best Paper Proceedings*, Montreal Conference, 2010. 6pp.

Boersma, F.K., P. Groenewegen & P. Wagenaar (2009). Emergency Response Rooms in Action: an ethnographic case-study in Amsterdam. In: *Proceedings of the 6th International ISCRAM Conference*. Gothenburg, Sweden, May 2009. J. Landgren and S. Jul, eds. (ISBN 978-91-633-4715-3): 1-8.

Passenier, D., Mollee, J., Wolbers, J., Boersma, F.K., & Groenewegen, P., Formalization of crisis response coordination from a public inquiry report, In: *Proceeding of the 9th International ISCRAM Conference*. Vancouver, April 2012. Leon Rothkrantz, Jozef Ristvej, Zeno Franco, eds. (ISBN 978-0-86491-332-6): 1-6.

Ganley, D., Moser, C., Groenewegen, P. (2012). Categorizing Behavior in Online Communities: A Look into the World of Cake Bakers, *45th Hawaii International Conference on System Sciences*, IEEE Computer Society Press, 2012.p.3457-3466.

Van Os, A., De Gilder, D., Cathy van Dyck & Groenewegen, P. (2013). A telling tale: A social identity perspective on communication about errors in organisations. In: A Ternes, Communication breakdowns and breakthroughs. ebook Withney: Interdisciplinary Press.

Wolbers J., Boersma, F.K., Ferguson, J., & Groenewegen, P., Beyond the Myth of Control: toward network switching in disaster management, In: *Proceedings of the 11th International ISCRAM Conference – University Park, Pennsylvania, USA, May 2014* S.R. Hiltz, M.S. Pfaff, L. Plotnick, and A.C. Robinson, eds.p.125-129.

Treurniet, W., Logtenberg, R., & Groenewegen, P., Governance of occasional multi-sector networks, In: *Proceedings of the 11th International ISCRAM Conference – University Park, Pennsylvania, USA, May 2014* Hiltz S.R., Pfaff M.S., Plotnick, L. & Robinson, A.C. eds.p.120-124.

Selection of professional and other publications

Groenewegen, P & Korff de Gidts, J.,(1978). Veiligheid, gezondheid, politiek en wetenschap [Safety, Health, Politics and Science]. *Wetenschap en Samenleving*, (8), 11-19.

Groenewegen, P., Kleisen, C., van Kreveld, E., Nienhuys, K., Rip, A., & Schutter K., (1979). Verkenningcommissie chemisch onderzoek. [Future committee on chemical research]. *Wetenschap en Samenleving*, (1), 14-20.

Groenewegen, P. & Kerklaan P., (1980). Naar een maatschappelijke chemie [Towards a Societal Chemistry]. *Wetenschap en Samenleving*, (5/6): 58-65.

Lub, D., Groenewegen, P. & Rip, A., (1980). *Kankeronderzoeksbeleid in Nederland* [Cancer Research Policy]. In Rip, A., en Groenewegen, P. (Eds.), *Macht over Kennis* [Power over knowledge] Alphen aan de Rijn: Samsom.

Groenewegen, P. & Kerklaan P., (1980). Wissenschaftsladen auf dem Weg zur gesellschaftsbezogener Chemie, *Wechselwirkung*, (7), 44-47.

Vergragt, P., Cramer, J., & Groenewegen, P. (1980). Science Shops in the Netherlands. *Science for People*, 45: 8-11.

Groenewegen, P. (1981). Scientific research on occupational safety and health, the role of trade unions in science policy. In Ken Green (Ed.) *Report on a workshop on trade unions and science policy University of Manchester, 7-9 January* (pp. 23-34). Manchester: University of Manchester.

Groenewegen, P. (1982). Reorganisatie en automatisering in een industrieel laboratorium [Reorganization and automation in an industrial research laboratory]. *Wetenschap en Samenleving*, (6/7),49-53.

Groenewegen, P. (1983). Naar een eigen werkwijze voor wetenschapswinkels [Towards a working method for science shops]. *Wetenschap en Samenleving*, (1), 30-34.

Groenewegen, P. (1984). Wetenschap biedt geen zekerheid [Science does not offer certainty]. *Wetenschap en Samenleving*, (6), 4 – 12.

Groenewegen, P. and Paul Swuste (1984). Worker-scientist Cooperation, *Science for the People*, (november/december), 7-10: 27-29.

Groenewegen, P. (1985). On the social construction of interests, *Easst-Newsletter*,4 (2), 8-12.

Groenewegen, P. (1985). Wetenschappelijke macht in de praktijk [Scientific power in practice]. *Krisis*, 18, 23-36.

Vergragt, P. & Groenewegen, P. (1987). De uitdaging van nieuwe materialen [The challenge of new materials]. *Wetenschap en Samenleving*, (12), 3-10.

Groenewegen, P. (1988). Risico's, Technologie en Ideologie, (Risks, Technology and Ideology) *Wetenschap en Samenleving*, (1), 46-49.

Groenewegen, P.& Den Hond, F., (1994). Integraal ketenbeheer en ontwerpcontext: de automobieliindustrie. [Integrated Chain Management and Design Context: The Automobile Industry]. *Milieu*, 65-72.

Groenewegen, P., Govers, T., Mol, H., & Hekkert M.P., (2001). Barriers to materials innovation. In T.Kram et al. *The matter project: integrated energy and materials systems engineering for GHG Emission Mitigation* (pp. 133-153). Bilthoven: NOP.

Groenewegen, P. (1994). De kleine bijdrage van de compacte auto [The small contribution of the compact car]. *Zeno*, 8-9.

De Groene, J., Hafkamp W., & Groenewegen, P., (1996). Milieugericht integraal ketenbeheer. een pakkend thema [Environmental chain management and challenging theme] *Milieu*,11, 98-102.

Reijnen E., & Groenewegen, P. (1996). Bestrijdingsmiddelen en sturing in agrarische produktketens. [Pesticides and steering in agricultural product chains] *Milieu*, 11, 130-137.

Groenewegen, P., Fischer, K., Jenkins, E.G., & Schot, J., (1996). Introduction. In Groenewegen, P., Kurt Fisher, Edith G.Jenkins, and Johan Schot (Eds.), *The Greening of Industry, Bibliography and Resource Guide* (pp. 1-7). Washington D.C.: Island Press.

Groenewegen, P., Hischemöller, M., Hoppe, R., & Midden, C.J.H., (1998). De rol van deskundigen bij politieke keuzes in milieukwesties [The role of experts in political choices in environmental issues]. *Tijdschrift voor Wetenschap, Technologie en Samenleving*,(3), 70-76.

Grin, J., & Groenewegen, P. (1999). Grensconflicten tussen Wetenschap en Samenleving [Boundary Conflicts between Science and Society] *Tijdschrift voor Wetenschap, Technologie en Samenleving*, (2), 34-38.

Cramer J., & Groenewegen, P. (1999). The role of companies in industrial transformation. In: Vellinga, P., (Ed.) *Industrial transformation project. research approaches to support the industrial transformation science plan* (pp. 39-57). IHDP Report 19 Amsterdam: IVM.

Green, K., Groenewegen, P., & Hofman, P.S., (2001). Ahead of the curve: Introduction. In: Green, K., Groenewegen, P., & Hofman, P.S., (Eds.) *Ahead of the curve, organisational innovation for sustainability* (pp. 5-17). Dordrecht: Kluwer.

Van der Weijden, I., Groenewegen, P. & Klasen, E., (2002). Belasting van gezondheidsonderzoekers door externe beoordelingssystemen [Pressure on health researchers through external assessments]. *Tijdschrift voor Wetenschap Technologie en Samenleving*, 121-128.

Groenewegen, P. (2003). Perspectival reviews on knowledge management, *Management Learning*, 34, 484-486.

Groenewegen, P. (2005). Zijn bedrijven te motiveren tot milieuvriendelijker gedrag? [Can Companies be Motivated to Environmentally Sound Behavior?] In Jan Boersma en Ben Bakker (Eds.) *Het gewicht van groen* (pp. 232-248). Kampen: Kok.

Broekhans, B., Dijkstra, A., Groenewegen, P. & Koolstra, C.,(2006). Verbeelding van kennis [Imaging knowledge]. p. 7-11. In *Jaarboek KennisSamenleving 2*. Amsterdam: Aksant.

Groenewegen, P. & de Klepper, M., (2007). Communicatie tussen wetenschappers en professionals. [Communication between scientists and professionals] p.200-208. *Basisboek Wetenschapscommunicatie* Jaap Willems (red), Meppel: Boomonderwijs.

Boersma, F.K., , van Duivenboden, H.P.M., Groenewegen, P., Helsloot, I., Soeparman, S.B., & Wagenarr, F.P.,(2010) Meldkamers in actie, *Openbaar Bestuur*, maart, 8-10.

Stam, E., Groenewegen, P., & Wakkee I., (2011), Inzicht in ondernemersnetwerken en informatievermogen, *Economisch Statistische Berichten* 96 (4609S): 47-53.

Groenewegen, P. (2011) Introduction to Part II: Exploring the logic of organizational boundaries pp157-159. In: McCarthy, K.J., Fiolet M. & Dolfsma, W., *The Nature of the New Firm. Beyond the Boundaries of Organizations and Institutions*. Cheltenham: Edward Elgar.

Invitations and guest lectures

Seminar, Construction of certainty in health advice, seminar, University of Gothenburg, 19 October 1987.

Seminar, Study of technological development, seminar, University of Lund, 21 October 1987.

Seminar, Estimating the impacts of new technologies, Clark University Worcester, 27 April 1989.

Invited Expert National Academy of Sciences workshop on Anticipation of research needs for future environmental problems, Woods Hole 14/15 June 1989.

Seminar, Hybrid scientific fields: accommodating science to external demands, Department of Sociology, Louisiana State University, Baton Rouge, October 13 1989.

Seminar, Hybrid Scientific Fields: Accommodating science to external demands, Department of Sociology, Indiana University, Bloomington, October 17 1989.

Expert workshop on transport and the environment, SAST DGXII, Brussels, 6 January 1992.

Key note speech Diverging environmental strategies of international car producers, Conference sustainable mobility. Amsterdam, 7 May 1993.

Milieubeoordeling van technologie-ontwikkeling [Environmental judgment of technology development].
Workshop milieugerichte technologieverkenningen [Workshop environmental technology foresight].
Amersfoort, 4 juni 1993.

Deelname als expert aan FAO-Consultatie over 'Jute en Milieu', georganiseerd te Den Haag Ministerie van Buitenlandse Zaken, 26-29 oktober 1993.

Den Hond, F., en Groenewegen, P., Wat kunnen we leren van de auto-industrie. [What can we learn from the car industry]. NOTA-workshop Milieuvriendelijker produktontwerp door samenwerking [Environmentally Friendly Design through Cooperation]. Soestduinen, 19 november 1993.

De compacte auto [The Compact Car]. Symposium on car and environment. Kunsthal Rotterdam, 16 June 1994.

Technologie ontwikkeling en structurele analyse [Technology development and structural analysis].
Summerschool Technology Assessment, Den Haag, 22 August 1994.

DGXII Workshop over management of technology Development, Brussels, May 1995.

Cost A3 Conference, Management and new technology, chair and discussant, Madrid, 10-12 June 1996.

Lecture, Technology and life cycles. Workshop environmental management, University of Tampere, 24 April 1997

Dutch perspectives on the European regulation of pesticide risk. International Workshop on the Europeanisation of the Regulation of Risk, London School of Economics, 27 March 1998.

Seminar, the development of industry-university co-operative research: the case of solar cells, policy push vs. market pull, MIT, Cambridge MA. 9 March 1999.

Lecture, The virtual organization? ICT in scientific research: bioinformatics as a case study, Helsinki School of Economics, Helsinki, 9 November 2000.

The virtual organization? Bioinformatics as a case study, NIWI Seminar, 6 February 2001.

The virtual organization? Bioinformatics as a case study, Netwerkmiddag NOSMO Utrecht 8 June 2001.

Invited Commentary, Blueprint Workshop 7/8 May 2002, EC, Brussels.

Cultuur en kwaliteit in gezondheidsonderzoek (Culture and quality in health research) NWO- luncheon seminar, 17 June 2003, Den Haag.

Social Networks and Knowledge Transfer, Lecture International PhD course EUDOKMA, VU Amsterdam , June 2004.

Social Networks and Knowledge Transfer, Lecture International PhD course EUDOKMA, VU Amsterdam, June 2005.

Participatory modeling approaches, SENSE PhD Course October 2005.

Social Networks in the Open Source Community in the Netherlands, Richard Ivey School of Business, University of Western Ontario, London, 3 October 2006.

Social Networks in the Open Source Community in the Netherlands, Schulich School of Business York University, Toronto, 4 October 2006.

Communities and social networks, Berry College, Rome, Georgia, 10 October 2006.

Reconstructing and Constructing Communities Through Social Networks; Age of Networks series University of Illinois Champaign Illinois 12 October 2006.

Communities and Networks: A Social Science Perspective, SIKS Master Class: Towards a Science of the World Wide Web, 5 February 2007, VU University, Amsterdam.

Reconstructing and Constructing Communities through Social Networks, Colloquia Science & Technology Dynamics, University of Amsterdam 23 February 2007.

Corporate Social Responsibility and Corporate Profit, ORSE (Observatoire sur la Responsibilite Societale des Entreprises), 9 may 2007 Paris.

Research meeting at the University of Illinois with Scott Poole and Noshir Contractor 17 – 20 January 2008.

Stuurbaarheid van netwerken, WODC 27 oktober Den Haag 2008.

Professional development workshop Public and non profit organizations Academy of Management Chicago 6 august 2009.

Invited paper QMSS2 seminar 'Networks, Markets and Organizations', 27-29 august 2009 Groningen.

Invited contribution Interorganizational Networks Conference Lexington Kentucky, 10 april 2010.

Seminar on Social Norms in Communities, Seminar Organisatie Studies, Universiteit Tilburg 15 February 2011.

Key note Falen van Hoger Onderwijs, Conferentie CHOI, Utrecht, 23 May 2011.

Seminar Falen van Hoger Onderwijs, Hobéon, Den Haag, 12 December 2011.

Lecture Models for shared care from organizational perspective, NIHES Course, Erasmus Medical Centre, 8 March 2012.

Seminar Time as a critical factor in emergency communication: expanding the network tool set, LINKS Centre Kentucky, 11 October 2012.

Seminar Time as a Critical Factor in Emergency Communication, SONIC Northwestern, 13 October 2012.

Seminar Time as a Critical Factor in Emergency Communication, Department of Communication University of Illinois, 14 October 2012.

Keynote, Social and semantic networks, Netglow 2014, St. Petersburg, 28-30 June 2014.

Smart Governance and Networks, CCR Summit, Hoeven, 1 October 2015.

Social Networks, Fraud Insurance Summit, Amsterdam, 4 November 2015.