

Curriculum Vitae

Frans J.G. Padt, Ph.D.

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Current position

Senior Lecturer of Agricultural Economics, Sociology, and Education & Landscape Architecture
The Pennsylvania State University
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Education

- 2007, Ph.D. Department of Political Sciences of the Environment, Radboud University Nijmegen (the Netherlands).
Thesis: *Green planning. An institutional analysis of regional environmental planning in the Netherlands.*
Advisor: Professor Pieter Leroy.
- 1988, M.S. Faculty of Earth Sciences, Free University Amsterdam (the Netherlands), Environmental Hydrology. Minor in Meteorology.
M.S. Thesis: *Systems analysis applied to snowmelt and snowmelt runoff in the Italian Alps.*
Advisor: Dr. Ersin Seyhan.

Academic career

- 2011 - present Senior Lecturer, The Pennsylvania State University, USA. Faculty member of the Department of Agricultural Economics, Sociology, and Education and the Department of Landscape Architecture.
Visiting Researcher, Alterra Landscape Centre, Wageningen University and Research Centre, the Netherlands (2011).
- 2007 - 2010 Senior Researcher Governance and Spatial Planning, Alterra Landscape Centre, Wageningen University and Research Centre, the Netherlands (May 2009 - Dec 2010).

Visiting Scholar, Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University, USA (Fall Semesters 2008 and 2009).

Lecturer and Researcher, Department of Political Sciences of the Environment, Radboud University Nijmegen, the Netherlands (Feb 2007 - July 2009).

2004 - 2006 Researcher, Department of Political Sciences of the Environment, Radboud University Nijmegen (the Netherlands). This position included my Ph.D. research, contract research and teaching.

Visiting scholar, Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University; Host professor: A.E. Luloff.

Professional Career

1999 – 2004 Consultant and project leader, Centre for Agriculture and Environment (CLM, Culemborg, the Netherlands), including posts at:
• Water Company Vitens, interim-project manager (6 months in 2004)
• Dutch Ministry of Housing, Spatial Planning and the Environment, interim senior advisor (9 months in 2000 - 2001).

1992 – 1998 Regional Planning Coordinator, Department of Environmental Planning, Province of Flevoland.

1988 – 1991 Soil and Water Specialist, Department of Environment and Water, Province of Gelderland.

Post-academic courses: leadership (several courses); municipal planning and zoning; European integration; ArcGIS.

Teaching

The Pennsylvania State University - University Park (USA)

Department of Agricultural Economics, Sociology, and Education

Department of Landscape Architecture.

Courses (see appendix for details):

- CED 409 - Land Use Planning and Procedure
- CED 309 - Land Use Dynamics
- CED 155 - Science, Technology and Public Policy
- CED 427W - Society and Natural Resources
- CED 152 - Community Development Concepts and Practice
- CEDEV 500 - Community and Economic Development: Theory and Practice
- CEDEV 509 - Population, Land Use, and Municipal Finance
- LARCH 311/530 - Regional Planning and Landscape Systems Studio and LARCH 321/530 - Design Theory Seminar
- Larch 590 - Colloquium "Design Geographies"
- Larch 424/530 - Theory Seminar "Designing with Scale"

- LARCH 312/322 - Site and Community Design and LARCH 322 - Design Theory Seminar
- LARCH 497/510 - Landscape Architecture Seminar “The Role of the Landscape Architect”
- LARCH 414 - Advanced Landscape Architectural Design Studio “Metropolitan Regional Planning”
- STS 102 - Science, Technology and Public Policy
- STS 101 - Modern Science, Technology, and Human Values
- HDNRE 590 - Human Dimensions in Natural Resources and the Environment Colloquium

Faculty Development Courses:

- Learning ArcGIS Desktop (for ArcGIS 10.0) (esri, 2015)
- OL 2000: Effective Online Teaching (World Campus, 2014)
- OL 1900: Provelt! (World Campus, 2013)
- OL 1000: Orientation to the World Campus (World Campus, 2013)

Thesis Advising:

CEDEV - Advisor & Committee Chair

- Samantha Abell (April 2016), *When water regionalism becomes a ghost government. The Jackson County Utility Authority and the City of Gautier, Mississippi.*
- Peter McCain (in progress), *Managing sprawl in the Atlanta Region.*
- Joanne L. Shelly (in progress). *Placemaking: The impact on economic development.*
- Nicole Rodden-Bower (2015). *Redefining Detroit. How innovation in community and economic development can create change in America's failing urban centers.*
- Adam Silver (2015). *Growth versus development: An overview of economic and community perspectives and the implications for modern metrics of development.*

CEDEV - Committee Member

- Olga Okorokova (in progress), *Gentrification in Miami, Florida.*
- William French (2015). *Effects of gentrification: A look into displacement within Chicago's near west Latino neighborhoods.*
- Darrell Thomas (2015). *Strengthening marginalized communities through transit oriented development.*
- Ryan Martin (2015). *Understanding the role of power in public planning: Practical consideration for the contemporary planner.*
- Tara Walker-Pollock (2015). *Is the Full-Service Community School Model the answer for Youngstown City Schools District?*
- Paula Randall (2014). *Economic impact of Hurricane Sandy on Belmar, New Jersey.*
- Tracy Doueiry (2012). *Bridging theory and practice through an internship. A student's account.*

HDNRE

- Andrea C. Ferich (in progress), *Landowner knowledge, attitudes, and behaviors toward water quality and riparian buffers in the Upper Penns Creek Watershed.* Member Thesis Committee.

CED

- Raymond Chappetta (2014), *The tradeoffs of conservation and economic development in Jericoacoara National Park* (Schreyer Honors College). Second reader.

Radboud University Nijmegen (the Netherlands)

Department of Political Sciences of the Environment.

In 2008, I received my university teaching qualification from Radboud University.

In 2005, I prepared the Self Evaluation Report for the accreditation of the Masters Program Social and Political Sciences of the Environment.

Courses (2007 - 2008):

- Methodologies in Social and Political Sciences of the Environment (M.A.)
- Institutional Perspectives on Societal Change and Spatial Dynamics (M.A.)
- Introduction to Social and Political Sciences of the Environment (B.A.)
- Town and Countryside: urban and rural transformation processes (B.A.)
- Spatial and environmental planning in Poland and the Netherlands (B.A.)

Thesis Advising (2004 - 2008; all theses in Dutch, topics are listed):

M.A.

- Michaël Meijer, Public-private local development
- Arend Efdé, Regional policy on particulate matter
- Arda Riedijk, European rural policy in Dutch practice
- Willem-Hendrik Renger, Agricultural reform in the province of Noord-Brabant

B.A.

- Rob Janssen, Veto power in regional development
- Mike Verdonschot, Cultural heritage and regional development
- Daphne van den Berg, Environmental education
- Reinier Enzerink, Environmental-friendly recreation

Service

Member of the Graduate School (since November 2013).

Department of Landscape Architecture:

- Outreach Committee (since September 2014)
- Agricultural Representative (since September 2014)
- Water X Design Group (since April 2014)
- Landscape Architecture Visioning Facilitation Team (January - September 2014).

- Department Head Advisory Committee (September 2013 - May 2015, elected and re-elected).

Stuckeman School:

- SALA Facilities Committee (since March 2014).

Department of AESE:

- Rural Sociology Cluster (since August 2015)
- Community and Economic Development (CEDEV) Graduate Committee (since summer 2013)
- Governance Committee (September 2014 - April 2015)
- CEDEV Summer Institute 2014 Committee (October 2013 - August 2014)
- CED Undergraduate Program Committee (until summer 2013)

University:

- Judge Graduate Exhibition (March 2016)
- Center for Private Forest Advisory Committee (2015)
- Judge for the Gamma Sigma Delta Research Expo, College of Agricultural Sciences (2013 and 2015)
- Judge for the Undergraduate Exhibition (2013).

Community Service:

- Riparian Forest Buffer Advisory Committee, Department of Conservation and Natural Resources (DCNR, start March 2016).
- Social Justice and Green Sanctuary Committee UUFCC.
- Previous (Netherlands): Chief Instructor Royal Dutch Climbing & Mountaineering Club; Board Member Municipal Playground "De Leemkuil" in Nijmegen; Member Green Platform of the Labour Party; Board Member Labour Party neighborhood "De Pijp" in Amsterdam.

Memberships:

- International Association for Society and Natural Resources (IASNR)
- Regional Studies Association (RSA)

Reviewer:

- Journal of Environmental Sustainability; Regional Studies; Wageningen Journal of Life Sciences; Society & Natural Resources; Journal of Institutional Economics; The Journal of Agricultural Education and Extension; Renewable Agriculture and Food Systems; Water Alternatives, Environment and Planning C.

Publications in academic journals and books

- Padt, F.J.G., A.E. Luloff, J. Bridger & M. Bose (submitted). Teaching science-citizen interaction in regional planning. *Journal of Planning Education and Research*.

- Padt, F.J.G. & N. Korostoff (under review), Imagining alternative landscapes for Southeastern Anatolia, Turkey. *Critical Planning*.
- Padt, F.J.G. (2015). How to scale a territory? Invited contribution to L.G. Horlings, E. Battaglini & J. Dessein (eds.), *Culture and territorialization: Theories and practices*, pp. 162-175, Routledge.
- Padt, F.J.G., P. Opdam, N. Polman & C. Termeer (eds.) (2014). *Scale-sensitive governance of the environment*. Edited volume. Oxford: John Wiley & Sons.
- Padt, F.J.G. & B. Arts (2014). The concept of scale. In: Padt, F.J.G., Opdam, P., Termeer, C. (eds.), *Scale-sensitive Governance of the Environment*. Oxford: John Wiley & Sons.
- Padt, F.J.G., P. Opdam, N. Polman & C. Termeer (2014). Synthesis and perspectives for a new research field. In: Padt, F.J.G., Opdam, P., Polman, N., Termeer, C. (eds.), *Scale-sensitive Governance of the Environment*. Oxford: John Wiley & Sons.
- Padt, F.J.G. & J.C. Sanchez (2013). Creating New Spaces for Sustainable Water Management in the Senegal River Basin. *Natural Resources Journal*, 53 (2), 265-284.
- Padt, F.J.G. (2012). Leadership and scale. Invited contribution to M. Sotarauta, I. Horlings & J. Liddle (eds.), *Leadership and change in sustainable regional development*, pp. 60-79, Routledge.
- Padt, F.J.G. & J. Westerink (2012). Addressing scale in open space preservation: learning from The Hague Region in the Netherlands. *Journal of Economic and Social Geography*, 103, 601-614.
- Horlings, I. & F.J.G. Padt (2011). Leadership for sustainable regional development in rural areas: Bridging personal and institutional aspects. *Sustainable Development*, 21 (6), 413-424.
- Padt, F.J.G. & A.E. Luloff (2011). A critical review of a managerial approach to “green” community planning in the USA and the Netherlands. *Journal of Environmental Planning and Management*, 54 (4), 445-456.
- Jagt, P. & F.J.G. Padt (2010). *Conservation with justice: A rights-based approach applied to The Hague Region, the Netherlands*. Case study for the IUCN Right-Based Approach Portal.
- Padt, F.J.G. & A.E. Luloff (2009). An institutional analysis of rural policy in the United States. *Community Development. Journal of the Community Development Society*, 40 (3), 232-246.
- Padt, F.J.G. (2008). Creatief leiderschap in de regio. [Regional creative leadership]. *Openbaar Bestuur*, 2, 24-27.
- Padt, F.J.G. (2007). *Green planning. An institutional analysis of regional environmental planning in the Netherlands*. Dissertation Radboud University Nijmegen. Delft: Eburon.
- Padt, F.J.G. (2006). Regional environmental planning in the Netherlands. An unstable settlement of policy arrangements. In: B. Arts & P. Leroy (eds.), *Institutional Dynamics in Environmental Governance*. Environment & Policy, Vol. 47. Heidelberg: Springer.
- Padt, F.J.G. & P. Leroy (2005). Een park dat geen park mag heten. De Drentsche Aa in beleidshistorisch perspectief. [A park that may not be called a park. The policy history of the Drentsche Aa.] *Landschap*, 3, 157-166.

- Padt, F.J.G., D. Boland & A. Bannink (2002). Milieuvriendelijke landbouw: de rol van het waterbedrijf. [Environment-friendly agriculture: the role of the water company.] *H₂O*, 8, 15-17.
- Padt, F.J.G. & F.C. van der Schans (2001). Weidegrazers als hoeders van het landelijk gebied. [Meadow grazers as the guardians of rural areas.] *ROM*, 11, 8-10.
- Padt, F.J.G. (1997). Nieuwe initiatieven voor Zuiderzee-eiland Schokland. Gebiedsgericht beleid rond een landschappelijk monument. [New initiatives for the former island Schokland.] *ROM Magazine*, 15, 4, 24.
- Padt, F.J.G. & R. Siebinga (1997). Gebiedsdocumenten, een beleidsondersteunend instrument: kansen en knelpunten in kaart gebracht. [Assessment tool for opportunities and problems in regions.] *Bodem*, 7, 68-70.
- Padt, F.J.G. & L. Crijns (1995). Milieuvriendelijk slootkantbeheer in de provincie Flevoland. [Environmental friendly agriculture along water courses in the Province of Flevoland]. In: G.R. de Snoo, A.J.W. Rotteveel en H. Heemsbergen (red.): Akkerranden in Nederland. Studiedag Akkerranden Jaarbeurs Utrecht 13 december 1995.
- Heidelberg, E.E., J. Supèr & F.J.G. Padt (1992). Intrekgebieden in de provincie Gelderland. [Groundwater protection zones in Gelderland.] *H₂O*, 4, 98-101.

Contributions to conferences, seminars, and workshops

- Padt, F.J.G., A.E. Luloff, J. Bridger & M. Bose, *Leadership in knowledge exchange for regional development: An educational perspective*. Seminar "Exploring Varieties of Leadership in Urban and Regional Development" of the Regional Studies Association International Research Network, November 12-13, 2015, University of Birmingham, UK.
- Padt, F.J.G., *Territorialization as a tool for change*. 21st International Symposium on Society & Resource Management, June 13-18, 2015 in Charleston, South Carolina.
- Padt, F.J.G., *Scale research in an interdisciplinary setting*, keynote at the 2014-15 Annual Symposium of the Interdisciplinary PhD Program in Urban Design and Planning, May 7, 2015 at the University of Washington, Seattle.
- Padt, F.J.G. & N. Korostoff (presenter), *Scalar narratives about water in Southeastern Anatolia, Turkey*. International conference "Irrigation, Society, Landscape; Tribute to T.F. Glick), Hydrosocial Territories panel, from September 25-27, 2014 at the Universitat Politècnica de València (Spain).
- Padt, F.J.G., *The scale of engagement*. Penn State CEDEV Summer Institute 2014, July 17, 2014.
- Padt, F.J.G., *Scale-sensitive governance of the environment*. M.E. John seminar, April 4, 2014, Department of Agricultural Economics, Sociology, and Education, Penn State University.
- Padt, F.J.G., A.E. Luloff & J. Bridger, *Science and citizenship in natural resources education*. 10th Biennial Conference on University Education in Natural Resources (BCUENR), March 13-15, 2014 at Auburn University, AL.

- Padt, F.J.G. & A.E. Luloff, *Organized session: Using Science in Natural Resources Management*, 19th International Symposium on Society & Resource Management, Estes Park Center, Colorado, USA, June 4-8, 2013.
- Padt, F.J.G. & A.E. Luloff, *Contested Knowledges in Natural Resource Management*. Presentation for the 18th International Symposium on Society & Resource Management, Edmonton, Alberta (Canada), June 17-21, 2012.
- Moderator for the Changing Landscape workshop at the Multi-State Marcellus Shale Research Conference in Pittsburgh, PA, May 30-31, 2012, part of the NSF-funded Marcellus Matters Project at Penn State.
- Panelist seminar "What is community sustainability?", CEDEV Summer Institute 2012, May 14, 2012.
- Padt, F.J.G., *The governance of landscapes and livelihoods. What can citizens do?* Presentation for the 16th International Symposium on Society & Resource Management, Madison, Wisconsin (USA), June 4-8, 2011.
- Co-organizer *International Scaling and Governance Conference*, Wageningen (the Netherlands), November 10-12, 2010.
- Padt, F.J.G., *Doing scaling and governance analysis*. Scaling and Governance Conference, Wageningen (the Netherlands), November 10-12, 2010.
- Weigle, J., A.E. Luloff & F.J.G. Padt, *Scale-sensitive policies towards natural gas extraction in Pennsylvania, USA*. Scaling and Governance Conference, Wageningen (the Netherlands), November 10-12, 2010.
- Panelist workshop "Scale in Multilevel Governance" Université de Genève (Switzerland), June 16, 2010.
- Padt, F.J.G. & J. Westerink, *Scaling and governance in peri-urban areas. Matching operational, observational and interpretative scales for effective governance in a case study in The Netherlands*, 16th International Symposium on Society & Resource Management, Corpus Christi, Texas (USA), June 6-10, 2010.
- Horlings, I. & F.J.G. Padt, *Leadership for sustainable rural development in a globalizing world*. 15th International Symposium on Society and Resource Management in Vienna (Austria), July 5-8 2009.
- Padt, F.J.G., "Integrated Water Resource Management in Semi-Authoritarian Regimes: Lip-Service or Real Progress?", workshop Water Policy Dynamics in State-Centric Regimes, Center for Development Research at the University of Bonn (Germany), March 24-25, 2009.
- Trainer for the course *How to institutionalize 'best' water management practices?* Training course developed for the 5th World Water Forum Learning Centre in Istanbul (Turkey), March 16-22, 2009.
- Moderator workshop *Best practices in international water management*, International Union for Nature Conservation (IUCN), Barcelona (Spain), October 2-3, 2008.
- Moderator session "Environmentalism and the United States" at the 16th National Amerikanistendag at Radboud University Nijmegen (the Netherlands), March 17, 2008.

- Padt, F.J.G. & A.E. Luloff, *A critical review of a managerial approach to community and resource development in the USA and the Netherlands*, the XXII European Society for Rural Sociology Congress in Wageningen (the Netherlands), 20-24 August, 2007.
- Padt, F.J.G., *Het experiment voorbij*. [Beyond the experiment.] Conference Inspiring Countryside in Gemert-Bakel (the Netherlands) in 2007.
- Padt, F.J.G., *An institutional analysis of sustainable community development*. Seminar at the Department of Agricultural Economics and Rural Sociology at the Pennsylvania State University (USA), December 15, 2006.
- Padt, F.J.G., *Publiek ondernemerschap in het landelijk gebied*. [Public entrepreneurship in rural areas.] Telos, Brabant Centre for Sustainable Development (the Netherlands) in 2006.
- Padt, F.J.G., *Regional environmental planning in the Netherlands: an unstable settlement of policy arrangements*. Presentation for the SENSE Research School in Utrecht (the Netherlands), 2005.
- Padt, F.J.G., *Ruimtelijke kwaliteit en leiderschap*. [Spatial quality and leadership.] National Spatial Planning Congress 2005, Rotterdam (the Netherlands).
- Padt, F.J.G., *Regional environmental management. Learning from experiences*. Presentation for the Governance and Places research group, Radboud University Nijmegen (the Netherlands), May 20, 2005.
- Padt, F.J.G., *Gebiedscontracten als voertuig voor institutionele verandering in het omgevingsbeleid*. [Area-based environmental contracts as a carriage for institutional change.] National Spatial Planning Congress 2004, Rotterdam (the Netherlands).
- Padt, F.J.G., *Gebiedscontracten: hulpmiddel of belemmering voor participatie in gebiedsgerichte projecten?* [Area-based contracts: an aid or an impediment in area-based projects?] Symposium on Participation and Public Inquiry in area-based policy, Euregio Scheldemond in Terneuzen (the Netherlands), September 22, 2003.

Academic Research Projects

Penn State

Teaching experiment: Teaching critical reflexivity in science-citizen interaction (2015), Teaching Project Grants 2016/2017 Schreyer Institute for Teaching Excellence, Penn State University, with M. Bose. Selected to represent the College of Ag Sciences for full proposal development. Full proposal submitted Feb 15, 2016.

Study visit University of Birmingham, UK (2017), International Exchange Opportunities Fund for Extension Educators in the College of Agricultural Sciences. Proposal submitted March 11, 2016.

Exploration of the role of science in 'green design' (2013), The H. Campbell and Eleanor R. Stuckeman Fund for Collaborative Design Research, with M. Bose and D. Cardoso Llach (not awarded)

Integrated brownfield regeneration (2009), European Seventh Framework Programme (FP7), with A.E. Luloff, N. Korostoff, J. Becker, and R. Stehouwer with a European consortium (not awarded).

Previous affiliations

*Grants over 25.000 Euro are marked with an *. The topics of the projects are written in bold. As output the project report is included (authors, title), as well as other output.*

Scaling and governance in complex social-ecological systems (2009-2014)

- **Granted by Wageningen UR and the Ministry of Agriculture, Nature and Food Quality.***
- Member of the organizing committee for the international Scaling and Governance Conference 2010, see www.scalinggovernance.wur.nl/UK/Conference. My tasks included research, Ph.D. coordination and coordination of the conference.
- Organizer and creator Scaling and Governance Wiki.
- Padt, F.J.G. (2010). **Scaling and governance: State of the art**. Report of the workshop May 27th, 2010.
- See publications and presentations.

Rights Based Approach (RBA) to conservation (2010)

- **Granted by International Union for Nature Conservation (IUCN).**
- My tasks (PI) include coordination of case study research for De Haaglanden, the Netherlands.
- See publications.

Community based research (June 2009 - March 2010)

- **Granted by Wageningen Wetenschapswinkel.***
- We performed a review of community based research projects performed by the Wageningen 'science shop' over the past 25 years using document analysis and interviews with researchers. I was PI for this project.
- Aalbers, C.B.E.M. & F.J.G. Padt (2010). *De rode groene draad door 25 jaar onderzoek van de Wageningse Wetenschapswinkel*. Alterra report.

Best practices in international water management (2008)

- **Granted by International Union for Nature Conservation (IUCN).**
- As PI in this project I developed an analytical framework, reviewed a series of projects done by IUCN between 2001 and 2008, and facilitated a workshop prior to the IUCN World Conservation Congress, October 2-3, 2008 in Barcelona (Spain).
- Padt, F.J.G. (2008). *Scaling-up water management practices*. White paper for the IUCN Water & Nature Initiative.

The meaning of sustainability in regional rural policy (2007 - 2008)

- **Granted by Netherlands Environmental Assessment Agency.***
- For this research I was contracted by Alterra (Wageningen University and Research Centre) for performing two case studies on how sustainability is given meaning in rural policies.

- Padt, F.J.G., F. Boonstra & M. Reudink (2008). *De betekenis van duurzaamheid in gebiedsgericht beleid*. Nijmegen: Radboud University / Wageningen: Alterra.

Accountability in rural policy (2008)

- Granted by Wageningen University and Research Centre, WOT Nature and Environment.
- I performed a review on a report about accountability in rural policy (report: *Even afrekenen alstublieft* (2008) van L.A.E. Vullings, WOT Natuur & Milieu studies, nr. 7. Wageningen UR).

Spatial quality in the Province of North-Holland (2008)

- Granted by WZNH (a public advisory organization for spatial planning in the Province of North-Holland).*
- We performed an administrative law review regarding spatial quality under the new Spatial Planning Act. My tasks as PI included research coordination.
- Hoekstra, R, A.G.A. Nijmeijer & F.J.G. Padt (2008). Van WRO tot Welstandscommissies. De positie van welstandscommissies binnen het ruimtelijke kwaliteitsbeleid in landelijke gebieden onder de nieuwe Wet ruimtelijke ordening. In: N. de Vreeze (red.), *Over de regie van functieveranderingen en bouwactiviteiten in het landelijk gebied van Noord-Holland*. Alkmaar: WZNH adviescommissies voor ruimtelijke kwaliteit.

Bio-valley Ghent-Terneuzen on the Dutch-Belgian border (2006)

- Granted by Habiforum.
- My tasks as researcher in this project included a review of environmental policies for the Ghent-Terneuzen region.
- Padt, F.J.G. (2006). *Ex-ante evaluatie van milieuaspecten bij de ontwikkeling van het bio-valley Ghent-Terneuzen*. Internal report Radboud University Nijmegen.

Nature and landscape policies in the province of North-Brabant (2004 - 2005)

- Granted by the Province of North-Brabant.*
- My tasks (PI) included the conduct of a midterm evaluation of the nature and landscape policy of the Province of North-Brabant, using document analysis and interviews with civil servants.
- Padt, F.J.G. & P. Leroy (2005). *Evaluatie natuur- en landschapsbeleid Brabant. Op koers?* Radboud University, Nijmegen.

Consultancy Research Grants

*Below I provide an overview of the projects I did when working at the Centre for Agriculture and Environment (CLM) in Utrecht and Culemborg from 1999-2004. Projects were funded by national, regional and local authorities; water companies and research institutes. Grants over 25.000 Euro are marked with an *. The topics of the projects are written in bold. As output the project report is included (authors, title), as well as other output.*

Principal Investigator

Community-based initiatives for rural development

- Granted by the Netherlands Environmental Assessment Agency.
- I analyzed a series of community-based initiatives using interview research.
- Padt, F.J.G. (2004). *Bestuurlijk vermogen in de regio. Praktijkervaringen ten behoeve van de Milieubalans 2004.*

Environmental area-based measures

- Granted by the Ministry of Housing, Spatial Planning and Environment.*
- We reviewed the literature on area-based environmental measures against cost-effectiveness and developed an on-line database.
- Padt, F.J.G., H.R.G. de Ruiter, A.J. van der Wal & M. Boer (2003). *Effectief op gebiedsniveau. Effecten en kosten van gebiedsgerichte maatregelen.*

Community-based environmental planning

- Granted by the Association of Provincial Authorities.
- I wrote an essay on how government can support communities in environmental planning .
- Padt, F.J.G. (2003). *Nieuwe arrangementen voor plattelandontwikkeling.*

Agro-environmental measures for improving groundwater quality

- Granted by the Association of Dutch Water Companies (VEWIN).
- We performed an evaluation of agro-environmental measures against Dutch water related laws.
- Padt, F.J.G. & G.W. Verschuur (2003). *Wat kan goede landbouwpraktijk voor de waterwinning betekenen? Een analyse van wetgeving.*

Local initiatives for agricultural reform

- Granted by the Innovation Fund for Agriculture and Environment of the Centre for Agriculture and Environment.
- I wrote an essay on the question why local initiatives for agricultural reform often get stuck in formal policies.
- Padt, F.J.G. (2002). *Kleinschalige initiatieven in reconstructiegebieden.*

Groundwater-friendly agriculture in groundwater protection zones

- Granted by the Association of Dutch Water Companies (VEWIN).
- We developed a learning tool for water companies for making agriculture in groundwater protection zones more sustainable. To this end we interviewed water managers and organized workshops with water managers.
- Padt, F.J.G. & D. Boland (2002). *Waterwinning en duurzame landbouw. Handreiking voor waterbedrijven.*
- Padt, F.J.G., D. Boland & A. Bannink (2002). Milieuvriendelijke landbouw: de rol van het waterbedrijf. [Environment-friendly agriculture: the role of the water company.] *H₂O*, 8, 15-17.

Ecosystem services in peaty grasslands in the province of Noord-Holland

- Granted by the Program for Rural Development in the Green Lung.
- I assessed possibilities for a derived income for farmers related to ecosystem services (document analysis).

- Padt, F.J.G. (2002). *Duurzaam beheer veenweidegebied Noord-Holland Midden. Opties voor groene diensten.*

Good agricultural practice in Mergelland

- Granted by the Environmental Corporation Mergelland.*
- We reviewed best farm practices and developed an environmental contract between local farming organizations in Mergelland and the Province of Limburg .
- Rougoor, C.W., F.J.G. Padt, F.C. van der Schans, A.P. Philipsen, T.R.V. Vellinga & H. Antonissen (2000). *Milieucontract Mergelland. Nitraatmaatregelen rundveehouderij.* In samenwerking met Praktijkonderzoek voor de Rundveehouderij (PR) en DLV Rundveehouderij Zuid.

Fallow zones along water courses

- Granted by the Ministry of Agriculture, Nature and Food Quality.
- I assessed the environmental effects of broadening fallow zones along water courses from five to ten meters according to European law using research findings from the Netherlands, Denmark, and the UK.
- Padt, F.J.G. (2000). *Milieu- en natuurwinst van tien meter braakstroken langs waterlopen.*

Tackling nitrate pollution in Mergelland

- Granted by the Environmental Corporation Mergelland.
- We developed a strategy for farmers in Mergelland (Southern Limburg) for tackling nitrate pollution.
- Padt, F.J.G. & M. Van Kuijk (1999). *De Mergellandse nitraataanpak: projectplan.*

Groundwater protection in the Province of Gelderland

- Granted by the Province of Gelderland.
- I developed a strategy for implementing good agricultural practice in groundwater protection zones in Gelderland.
- Padt, F.J.G. (1999). *Aanpak van nitraatuitspoeling op een droge zandgrond. Projectplan voor een Gelders waterintrekgebied.*

Co-Principal Investigator

Groundwater-friendly agriculture in groundwater protection zones of the drinking water company Vitens

- Granted by drinking water company Vitens.*
- I was interim project manager at Vitens for 6 months in 2004. My tasks included making a policy plan for Vitens and facilitation of workshops.
- Padt, F.J.G. & A. Doornbos (2004). *Herijking landbouwbeleid Vitens.*

Care farming around the city of Amsterdam

- Granted by the National Initiative for Sustainable Development.*
- We performed action research to establish a network of care farms around the city of Amsterdam. My tasks included facilitation of workshops.
- Padt, F.J.G. & H. Kloen (2004). *Gezond leven in de Groene Long. Vraag en aanbod op zorgboerderijen.*

How to set up a local landscape fund?

- Granted by the Ministry of Agriculture, Nature and Food Quality.*
- We developed a toolbox for the establishment of a local landscape fund. My tasks included a literature review, the conduct of case studies, and interviews with public managers.
- Padt, F.J.G., G.W. Verschuur & H. Joldersma (2004). *Toolbox lokaal landschapfonds. Deelrapportage project Investeren in ecologie.*
- Padt, F.J.G., H. Kloen e.a. (2002). *Investeringsvormen voor natuur en landschap. Deelrapportage project Investeren in ecologie.*

Ecosystem services in European rural policy

- Granted by the The Netherlands Society for Nature and Environment.
- Options for ecosystem services were explored. My tasks included a literature review.
- Verschuur, G.W. & F.J.G. Padt (2003). *Kansen benutten uit GLB hervorming.*

Institutional capacity for rural development in Alblasserwaard-Vijfheerenlanden

- Granted by Innovation Network.*
- We performed action research to improve institutional capacity for the Dutch polder Alblasserwaard-Vijfheerenlanden. My tasks included interview research.
- Hees, E.M., N.J. Oerlemans, F.J.G. Padt & H. Joldersma (2003). *Interactief beleid in Alblasserwaard-Vijfheerenlanden. Op zoek naar nieuwe sturingsvormen.*

Making the Dutch dairy sector sustainable

- Granted by the Ministry of Housing, Spatial Planning and Environment.*
- I was interim senior advisor at the Ministry (9 months in 2000 - 2001). My tasks included the preparation of an environmental covenant between the Dutch government and the dairy sector.
- Internal documents and memoranda for the Minister (2001-2002).

Researcher on Projects

Reducing nitrate pollution in the Province of North Brabant

- Granted by the Ministry of Agriculture, Nature and Food Quality.*
- We developed a model for assessing the environmental effects of agro-environmental measures. My tasks included establishing parameters for this model.
- Kros, J., F.J.G. Padt, W. de Vries & F.C. van der Schans (2003). *Verkenning van de effecten van maatregelen in de landbouw ter vermindering stikstofemissies naar atmosfeer, grondwater en oppervlaktewater voor de provincie Noord-Brabant.* Wageningen: Alterra.

Reducing livestock density

- Granted by the Ministry of Agriculture, Nature and Food Quality.*
- We developed a policy proposal for a dairy sector that meets the requirements of the European Nitrate Directive. My tasks included a literature review and facilitation of workshops.
- Hin, C.J.A., F.C. van der Schans & F.J.G. Padt (2003). *Grondgebondenheid in beleid.*
- Padt, F.J.G. & F.C. van der Schans (2001). Weidegrazers als hoeders van het landelijk gebied. *ROM*, 11, 8-10.

Environmental-friendly starch potato cultivation

- Granted by the Environmental Federation Groningen.
- Options for environmental-friendly starch potato cultivation were explored. My tasks included writing the final report.
- Verschuur, G.W & F.J.G. Padt (2002). *Milieuvriendelijke zetmeelaardappelteelt. Mogelijkheden voor cross compliance en modulatie van inkomstenstoelagen.*

Area-based contracts

- Granted by the Province of Noord-Brabant.*
- We studied the alleged advantages of area-based contracts in local environmental policy. My tasks included a literature review on contracts.
- Padt, F.J.G. & E.M. Hees (2002). *Gebiedscontracten in bestuurlijk perspectief. In: Hees, E.M. et al. Tussen recht en ruil. Gebiedscontracten in Brabant.*

Public care and water services around the city of Amsterdam

- Granted by the city of Amsterdam.
- We performed marketing research on the demand of public care and water services in Amsterdam that could be supplied by farmers around Amsterdam. My tasks included interviews with health care providers in Amsterdam.
- Kloen, H.P., P. Terwan, F.J.G. Padt & R. Hoekstra (2001). *Groene diensten in groen Waterland. Brochure en achtergronddocument.*

Greenhouse locations on the right spot

- Granted by NOVEM (an agency of the Dutch Ministry of Economic Affairs).
- We developed an environmental benchmark for greenhouse locations. My tasks included a literature review and interviews with civil servants.
- Moorman, S.A.H., H. van Zeijts, J.T.W. Vroonhof & F.J.G. Padt (1999). *Voorstudie naar een meetlat voor milieuprestatie van glastuinbouwlocaties.* In cooperation with CE Delft.

Government positions

Province of Flevoland (1992-1998)

Regional Planning Coordinator, Department of Environmental Planning

My tasks included:

- Coordinator Area-based Environmental Policy Program.
- Project manager for the UNESCO World Heritage monument Schokland.
- Program manager Incentives Program for Sustainable Agriculture.
- Research supervision: soil management, drain water quality monitoring, diffuse pollution, landscape ecology, environmental zoning, surface level drop in peaty areas, desertification, ecological banks.
- Member external research groups:
 - Ministry of Housing, Spatial Planning and the Environment: Social Incentives in Regional Environmental Planning and Subsidy Scheme Area-based Environmental Policy.
 - National Institute for Public Health and the Environment: Redesign National Groundwater Quality Monitoring Network.

- Association of Provincial Authorities: Guide for Integrated Regional Environmental Planning.

Province of Gelderland (1988-1991)

Soil and Water Specialist, Department of Environment and Water

My tasks included:

- Hydrological systems analysis of the province of Gelderland.
- Design and implementation of the Provincial Groundwater Quality Monitoring Network.
- Assistant project leader for the Soil Protection Plan and Groundwater Protection Plan.
- Mid-term evaluation of the groundwater protection policy in the Netherlands.
- Organization of a seminar on cross-border cooperation and European environmental law

International working visits

- International Union for Nature Conservation (IUCN) in Gland (Switzerland), dr. M. Smith and dr. G. Bergkamp (2008)
- John Paul II Catholic University of Lublin (Poland) (2008)
- The Pennsylvania State University (USA), sabbatical, host professor A.E. Luloff (August 2006 - January 2007)
- Open University in Milton Keynes (UK), prof. dr. J. Newman (2005).
- London School of Economics and Political Science (UK), prof. dr. Y. Rydin (2005).
- IUCN in Brussels, dr. J.C. Jacques (2002 and 2003).
- International Workshop on the Dialogue on Water, Food and Environment in Bonn (Germany), invitation by dr. G. Bergkamp, IUCN (2001).