

CURRICULUM VITAE

Tatiana Filatova

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Mailing address: University of Twente , Faculty of Management and Governance, Centre for Studies in Technology and Sustainable Development, P.O. Box 217, 7500 AE Enschede, The Netherlands

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EDUCATION

- March 2005 – April 2009 **PhD (Cum Laude)**
University of Twente, The Netherlands,
Department of Water Engineering and Management

Specialization: flood risk management, economics of land-use, agent-based computational economics

Thesis: “Land markets from the bottom up: Micro-macro links in economics and implications for coastal risk management”

Dissertation adviser: Prof.Dr. Anne van der Veen
Co-adviser: Dr. Dawn Parker, George Mason University, USA
- 2003 – 2005 **Post Graduate School**
Chita Institute of Natural Resources, Siberian Branch of Russian Academy of Sciences, Chita, Russia

Dept. of ecological-economic modelling.

Specialization: ecological economics, economic growth and ecosystem services, indicators of sustainable development

Adviser: Prof.Dr. Irina P. Glazyrina
- 1998 – 2003 **MSc (Cum Laude)**
Chita State Technical University, Chita, Russia

Specialty: Information Systems in Economics

Graduate thesis: “Information system for the calculation of the indicators of sustainable development for Chita region”.

Adviser: Prof.Dr. Irina P. Glazyrina

ADDITIONAL TRAINING

- Jan 2007-June 2007 Visiting scholar at George Mason University, *Washington DC, USA*. Finished two PhD level courses:
- **Grade A+** for the course “Computational Analysis of Social Complexity” by Prof. Dr. Rob Axtell
- **Grade A** for the course “Spatial Agent-based Models of Human-Environment Interactions” by Dr. Dawn C. Parker
- March 2004 – April 2004 Russian-Dutch Young Scientists exchange “Quality of growth in transition countries”, University of Twente, *The Netherlands*
- April 2003 Conservation GIS (Geographical Information Systems) Workshop, by the Ecology Centre Inc. USA, Held in Chita, *Russia*

WORK EXPERIENCE

- 2010 - present **Assistant professor**
University of Twente, Faculty of Management and Governance, Centre for Studies in Technology and Sustainable Development, the Netherlands
- Oct 2009 - present **Economist in the field of Water, Environment and Space**
Deltares, Research Institute, the Netherlands
- April 2009 – Dec 2009 **PostDoc** (from October 2009)
University of Twente, Department of Water Engineering and Management
Specialization: spatial and environmental economics for water management
- September 2003 – 2005 **Junior researcher** (part-time)
Institute of Natural Resources, Siberian Branch of Russian Academy of Sciences, Chita, Russia
Dept. of ecological-economic modelling
Specialization: environmental and ecological economics
- June 2003 – 2005 **Researcher** (part-time)
NGO “Transbaikal Research Centre for Ecological Economics”, Chita, Russia
Specialization: economic development and pressure on ecosystems; evaluation of ecosystem services (forest ecosystems)
- May 2001 – June 2003 **Volunteer researcher**
Transbaikal Research Centre for Ecological Economics, Chita, Russia
Specialization: carbon credit calculation; sustainable forest use; Kyoto protocol

VISITING RESEARCHER

- 2007, 2008, 2009 Department of Computational Social Science (Center for Social Complexity), George Mason University, *Washington DC USA*
- 2006 Gund Institute of Ecological Economics, University of Vermont, *Burlington, USA*
- 2006 National Institute for Coastal and Marine Management (RIKZ), Dutch Ministry of Public Works and Water Management, *Den Haag, The Netherlands*

TEACHING

- 2011-present University of Twente, The Netherlands
- “Economic Methods of Sustainability Assessment”
- BSc coach, “Sustainable development in developing countries”
- 2010 University of Twente, The Netherlands
- Co-teaching “European Economic Integration”
- Team coach, “Sustainable development in developing countries”
- 2005 - 2006 University of Twente, The Netherlands
Lectures “Cost-benefit analysis for water resource management policy”
- September 2003 – January 2005 Chita State University, Russia
Teaching Assistant, “Informational systems in economics”

INVITED LECTURES

- 2011 CEMAGREF & CIRAD, Invited lecture at the Workshop “Resilience, Water and Foresight”, Montpellier, France
- 2010 GREQAM (Groupement de Recherche en Economie Quantitative d’Aix Marseille), Marseille, France
Invited lecture “Land markets: heterogeneous agents trading heterogeneous goods”
- 2009 George Mason University, Washington DC, USA
Invited lecture “Agent-based land markets: Individual Decisions and Flood Risk Management”, Department of Computational Social Science
- 2009 Universita Ca' Foscari di Venezia, Venice, Italy
Lecture at the winter school ‘Systems Analysis and Integrated Modeling in Climate Change Research’
- 2008 University of Groningen, Groningen, The Netherlands
Invited lecture “Modeling markets with agents: a case of land markets” at the Department of Marketing, Faculty of Economics and Business
- 2008 ITC (International Institute for Geo-Information Science and Earth Observation), Enschede, The Netherlands
Guest lecture for the class ‘Scenario development and planning support systems’ at the Department of Urban and Regional Planning and Geo-Information Management
- 2007 Ohio State University, Columbus, USA
Guest lecture for the class ‘Economic and Social Geography’ at the Department of Geography

FUNDING ACQUISITION AND GRANT PARTICIPATION

- 2012-2016 EU FP7 “COMPLEX: Knowledge Based Climate Mitigation Systems for a Low Carbon Economy”. Role: UT coordinator (€1.134.351) and WP5 Co-PI (€375.000).
- 2012-2015 The Netherlands Organisation for Scientific Research (NWO) VENI grant “Changing climate – changing behavior”. Role: PI (€250.000).
- 2010-2012 GEF “Preparation to Climate Change in Africa” - assessing and mapping of increasing flood risks due to climate change for Sao Tome Role: participant (\$28 000).
- 2010-2014 EU FP7 “Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors”. Impacts of climate change on recreational sector along the Dutch North Sea coast due to climate change. Role: participant (€110.000).
- 2009-2011 UT Stimuleringsfonds Role: PI (€20.000).
- 2009 – 2013 NSF program ‘Studies of Coupled Natural and Human Systems’, grant ‘Spatial land-use change and ecological effects: how land management and carbon dynamics interact’, PI Prof. D. Brown (<http://www-personal.umich.edu/~danbrown/>) and co-PI Dr.D.Parker (<http://mason.gmu.edu/~dparker3/>). Role: external adviser.
- 2004 – 2005 RFH (Russian Fund for Humanitarian Research) project “The dynamics of nature use and quality of economic growth in the resource-based economy”. Role: participant.
- 2003 – 2005 NWO (the Netherlands Organisation for Scientific Research)-RFBR (Russian Fund of Basic Research) project “Quality of growth in transition countries”. Role: participant.
- 2001 – Global Environmental Faculty (GEF) Project “Conservation of Biodiversity”.

2003 Role: participant.

ACADEMIC HONORS AND AWARDS

- 2012 The Netherlands Organisation for Scientific Research (NWO) **VENI grant**: this grant does not just provide funding but is rather a Dutch system of recognition of high academic potential by NWO;
- 2009 PhD with honors (**Cum Laude**);
- 2008 **Commendation for the best paper and presentation** at the 4th Biennial International Congress on Environmental Modelling and Software (iEMSs'08), "Integrating Sciences and Information Technology for Environmental Assessment and Decision Making", July 7-10, 2008 - Barcelona, Spain;
- 2004 **Best paper and presentation** in the section of Environmental Economics Conference on Regional Sciences organized by Council for the study of productive resources of Russian Academy of Sciences & International Academy for regional development and cooperation, November 2004, Moscow, Russia;
- 2003 MSc with honors (**Cum Laude**).

REFEREED JOURNALS

- In press Robinson, D.T. S. Sun, M. Hutchins, R. Riolo, D.G. Brown, D.C. Parker, **T. Filatova**, W.S. Currie, S. Kiger (In press) "Effects of land markets and land management on ecosystem function: A framework for modelling exurban land-change", *Environmental Modelling & Software*
<http://www.sciencedirect.com/science/article/pii/S1364815212002010>
<http://dx.doi.org/10.1016/j.envsoft.2012.06.016>
- 2011 S. Katsanevakis, V. Stelzenmüller, A. South, T. Kirk Sørensen, P. J.S. Jones, S. Kerr, F. Badalamenti, C. Anagnostou, P. Breen, G. Chust, G. D'Anna, M. Duijn, **T. Filatova**, et al (2011) Ecosystem-based marine spatial management: Review of concepts, policies, tools, and critical issues. *Ocean and Coastal Management* Vol. 54; 807-820, <http://dx.doi.org/10.1016/j.ocecoaman.2011.09.002>
- 2011 **T. Filatova**, D.C. Parker, A. van der Veen "The Implications of Skewed Risk Perception for a Dutch Coastal Land Market: Insights from an Agent-Based Computational Economics Model", *Agricultural and Resource Economics Review*, 40(3), p405-423, <http://purl.umn.edu/120639>
- 2011 **T. Filatova**, J. Mulder, A. van der Veen "Coastal risk management: how to motivate individual economic decisions to lower flood risk?", *Ocean and Coastal Management* 54 (2), 164-172
<http://dx.doi.org/10.1016/j.ocecoaman.2010.10.028>
- 2011 **T. Filatova**, A. van der Veen, A. Voinov "An Agent-Based Model for Exploring Land Market Mechanisms for Coastal Zone Management", *Environmental Modelling and Software*, 26 179-190
<http://dx.doi.org/10.1016/j.envsoft.2010.08.001>
- 2009 **T. Filatova**, A. van der Veen, D. C. Parker "Land market interactions between heterogeneous agents in a heterogeneous landscape—tracing the macro-scale effects of individual trade-offs between environmental amenities and disamenities", *Canadian Journal of Agricultural Economics* 57(4), 431-459
<http://dx.doi.org/10.1111/j.1744-7976.2009.01164.x>
- 2009 **T. Filatova**, D. C. Parker, and A. van der Veen "Agent-Based Urban Land Markets: Agent's Pricing Behavior, Land Prices and Urban Land Use Change", *Journal of Artificial Societies and Social Simulation* 12 (1). Available online:

- 2008 D. C. Parker, **T. Filatova** “A conceptual design for a bilateral agent-based land market with heterogeneous economic agents”, *Computers, Environment and Urban Systems* 32, 454–463
<http://dx.doi.org/10.1016/j.compenvurbsys.2008.09.012>
- 2004 I. Glazyrina, **T. Filatova** “Ecological footprint as an indicator of the quality of growth”, *Environmental Economics*, 2, 60-76, Moscow, Russia

BOOK REVIEWS

- 2011 **T. Filatova**, on Timothy Haas ‘Improving Natural Resource Management: Ecological and Political Models (Statistics in Practice)’, *Journal of Artificial Societies and Social Simulation* 14 (4). Available online:
<http://jasss.soc.surrey.ac.uk/14/4/reviews/5.html>

REFEREED BOOK CHAPTERS/BOOKS

- 2012 D.C. Parker, D.G. Brown, **T. Filatova**, R. Riolo, D.T. Robinson, and S. Sun. ‘Do Land Markets Matter? A Modeling Ontology and Experimental Design to Test the Effects of Land Markets for an Agent-based Model of Ex-urban Residential Land-use Change”, in “Agent-based Models of Geographical Systems”, Heppenstall, A.J.; Crooks, A.T.; See, L.M.; Batty, M. (Eds.) ISBN: 978-90-481-8926-7, p 525-543. Available online: www.casa.ucl.ac.uk/ABM.pdf
- 2010 **T. Filatova**, D.C. Parker, A. van der Veen “Introducing Preference Heterogeneity into a Monocentric Urban Model: an Agent-Based Land Market Model”, selected post-proceedings of the Second World Congress on Social Simulations, K. Takadama, C. Cioffi-Revilla, G. Deffuant (Eds.), p103-119. Springer Series on Agent Based Social Systems, Vol. 7.
- 2009 J. Krywkow, **T. Filatova**, and A. van der Veen. “Flood risk perceptions in the Dutch province of Zeeland: does the public still support current policies?” In P. Samuels, S. Huntington, W. Allsop, and J. Harrop, editors, *Flood Risk Management: Research and Practice*, CRC Press/Balkema Proceedings and Monographs in Engineering, Water and Earth Science, pages 1513 - 1521. Taylor & Francis Group, London
- 2008 M. Brugnach, C. Pahl-Wostl, K.E. Lindenschmidt, J.A.E.B. Janssen, **T. Filatova**, A. Mouton, G. Holtz, P. van der Keur, and N. Gaber. “Complexity and Uncertainty: Rethinking the Modelling Activity”, in “Environmental modelling, software and decision support. State of the Art and New Perspectives” A.J. Jakeman, A.A. Voinov, A.E. Rizzoli and S.H. Chen (Eds), p 49-69.
- 2005 Chapters 1-4 in ‘Quality of growth indicators for regional economies’, Glazyrina I.P. and Potravnyi I.M. (eds.), NIA-PRIRODA, Moscow, Russia, p. 30-148.

REPORTS

- 2011 **Filatova, T.** (2011). Building with economic nature: Market based instruments for risk management to promote spatial adaptation to climate change. Deltares Report nr. 1202029-013, pp 1 – 33
- 2011 **Filatova, T.** L.M. Bochev-van der Burgh, K.M. Wijnberg, S.J.M.H. Hulscher, A. van der Veen⁴, J.P.M. Mulder (2011). Congruent scales in economics, coastal engineering and morphology. In “Aspects of coastal research in contribution to LOICZ in the Netherlands and Flanders (2002-2010)”, Carlo Heip and Remi Laane (Eds) LOICZ R&S Report No. 38:

CONFERENCES PROCEEDINGS, ABSTRACTS AND PARTICIPATION:

- 2012 **T. Filatova**, G. Polhill “Shocks in coupled socio-ecological systems: what are they and how can we model them?” Paper presented at the International Congress on Environmental Modelling and Software ‘Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty’, Sixth Biennial iEMSs Meeting, Leipzig, Germany Seppelt, R. et al (Eds.) p. 2619-2630. Available online: <http://www.iemss.org/sites/iemss2012/proceedings.html>
- 2012 R. van Duinen, **T. Filatova**, A. van der Veen. “The role of social interaction in farmers’ climate adaptation choice”. Paper presented at the International Congress on Environmental Modelling and Software ‘Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty’, Sixth Biennial iEMSs Meeting, Leipzig, Germany Seppelt, R. et al (Eds.) pp. 2493-2504. Available online: <http://www.iemss.org/society/index.php/iemss-2012-proceedings>
- 2012 Parker, D.C., Sun, S., **Filatova, T.**, Magliocca, N., Huang, Q., Brown, D.G., Riolo R. “The implications of alternative developer decision-making strategies on land-use and land-cover in an agent-based land market model”. Paper presented at the International Congress on Environmental Modelling and Software ‘Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty’, Sixth Biennial iEMSs Meeting, Leipzig, Germany Seppelt, R. et al (Eds.) pp. 2521-2528. Available online: <http://www.iemss.org/society/index.php/iemss-2012-proceedings>
- 2012 R.van Duinen, **T Filatova**. “Governing drought resilience: farmers’ economic rationality, social learning and diffusion of adaptation strategies to global environmental change”, International Conference “Planet Under Pressure - New Knowledge Towards Solutions”, London, UK, March 26-29 2012
- 2012 S.Sun, D.C Parker, D.G Brown, Q.Huang, **T.Filatova**, D.R Robinson, M. Hutchins, R. Riolo. “Explicitly Representing Heterogeneous Land Developers in Agent-based Modeling of Land Use Change: A Preliminary Experiment”, AAG, New-York, USA, February 24-28, 2012
<http://meridian.aag.org/callforpapers/program/AbstractDetail.cfm?AbstractID=42602>
- 2012 A.Giardino, S. Bettencourt, A. Carvalho, **T. Filatova**, O. de Keizer, J. Schellekens and B. Ottow “Hydrology and Coastal Morphology at São Tomé”, 8th International Conference on Coastal and Port Engineering in Developing Countries PIANC-COPEDEC VIII, India, February 20-24, 2012, 12p.
- 2010 **T .Filatova**, “Governing Public-Private Adaptation To Increasing Climate-Induced Risks In Coastal Areas”, International Conference “Deltas in Times of Climate Change: Connecting world science and deltas”, 29 September - 1 October 2010, Rotterdam
- 2010 **T .Filatova**, A. Voinov “Agent-based model of market-based instruments for managing urban pressure on coastal ecosystems”, 11th Biennial conference of the International Society for Ecological Economics (ISEE) Advancing Sustainability In A Time Of Crisis, 22 – 25 August 2010, Oldenburg, Germany
- 2010 Derek T. Robinson, **Tatiana Filatova**, Shipeng Sun, Rick L. Riolo, Daniel G. Brown, Dawn C. Parker “Integrating land markets, land management, and ecosystem function in a model of land change”, Proceedings of the iEMSs Fifth Biennial Meeting: International Congress on Environmental Modelling and Software (iEMSs 2010), Ottawa, Canada, July 5-8 2010. David A. Swayne, Wanhong Yang, A. A. Voinov, A. Rizzoli, T. Filatova (Eds.)
<http://www.iemss.org/iemss2010/proceedings.html>

- 2010 D. C. Parker, D.G. Brown, **T.Filatova**, R.Riolo, D.T. Robinson, S. Sun" A first assessment of the role of land-market dynamics in agent-based land exchange models", AAG 2010, April 14-18, 2010, Washington, DC, USA
- 2009 D.C. Parker, **T. Filatova**, D. Brown, D. Robinson "Do land markets matter? Exploring the carbon sequestration potential of ex-urban residential landscapes using an agent-based model of land-use change and land manager behavior", 56th North American Regional Science Association International Conference, San Francisco, USA, 18-21 November 2009
- 2009 **Plenary talk** **T. Filatova**, A.van der Veen, D.C. Parker "Why does individual risk perception matter in land use modeling? Combining survey data and agent-based land market model", 6th European Social Simulation Association Conference, University of Surrey, Guildford, UK, September 14-18. Electronic publication, 14p
- 2009 D.C. Parker, **T. Filatova** "How does preference heterogeneity influence land-use patterns via market interactions?", US EPA sponsored conference on 'The Economics of Land-Use Change: Advancing the Frontiers', Washington D.C., USA, June 25 – 26, 2009.
- 2008 **T.Filatova**, DC Parker, A.van der Veen "Introducing Preference Heterogeneity into a Monocentric Urban Model: an Agent-Based Land Market Model", Proceedings of the Second World Congress on Social Simulation, George Mason University, USA, July 14-17 2008. Electronic publication, 12p.
- 2008 **T.Filatova**, A.van der Veen, A.Voinov "An Agent-Based Model for Exploring Land Market Mechanisms for Coastal Zone Management", Proceedings of the iEMSs Fourth Biennial Meeting: International Congress on Environmental Modelling and Software (iEMSs 2008), Barcelona, Catalonia, July 7-10 2008. M. Sánchez-Marrè, J. Béjar, J. Comas, A. Rizzoli and G. Guariso (Eds.) ISBN: 978-84-7653-074-0, p792-800, Volume II. Available online from: <http://www.iemss.org/iemss2008/index.php?n=Main.Proceedings>.
- 2008 D. Haase, S. Kabisch, A. Haase, **T. Filatova**, A. van der Veen, T. Tötzer, W. Loibl, S. Scatasta, S. Schetke, A. Zuin, F. von Walter "Actors and factors – bridging social science findings and urban land use change modeling", Proceedings of the iEMSs Fourth Biennial Meeting: International Congress on Environmental Modelling and Software (iEMSs 2008), Barcelona, Catalonia, July 7-10 2008. M. Sánchez-Marrè, J. Béjar, J. Comas, A. Rizzoli and G. Guariso (Eds.) ISBN: 978-84-7653-074-0, p 2059-2073, Volume III. Available online from: <http://www.iemss.org/iemss2008/index.php?n=Main.Proceedings>.
- 2007 **T. Filatova**, D.C. Parker, A. van der Veen "Agent-Based Land Markets: Heterogeneous Agents, Land Prices and Urban Land Use Change", In F. Amblard (Ed.), Proceedings of the 4th Conference of the European Social Simulation Association (ESSA'07), September 10-14, 2007, Toulouse, France. France: ESSA (ISBN 978-2-9520326-7-4); p. 263-275.
- 2007 **T. Filatova**, A. van der Veen, DC Parker "Modeling of a Residential Land Market With a Spatially Explicit Agent-Based Land Market Model (ALMA)", Workshop 'Agent-based models of market dynamics and consumer behaviour', August 22, 2007, Groningen, The Netherlands. Available online from: <http://www.essa.eu.org/simulation-wiki/SecondWorkshopOnMarketDynamics2007>
- 2007 **T. Filatova**, D.C. Parker "A Spatially Explicit Agent-Based Model of Land Market (ALMA)", International Conference on Economic Science with Heterogeneous Interacting Agents (ESHIA'07), June 18-19, 2007, George Mason University, USA.
- 2007 **T. Filatova**, A. van der Veen (2007), 'Scales in coastal land use: policy and individual decision-making (an economic perspective)', in C. van Bers, D. Petry, and C. Pahl-Wostl (eds.), Issues in Global Water System Research. Global Assessments: Bridging Scales and Linking to Policy (#2; Bonn: The Global Water System Project),

- 61-68. Report on the joint TIAS-GWSP workshop held at the University of Maryland University College, Adelphi, USA, 10 and 11 May 2007.
- 2007 A.van der Veen and **T.Filatova** "Microeconomic dynamics of urban land use in coastal zone area", In E. Addink, A. Barendregt, D. Ettema, D. Karssenberg, T. de Nijs (Eds.), Proceedings of the International Conference "Framing Land Use Dynamics II", April 18-20, 2007, Utrecht, The Netherlands; p. 196-197.
- 2006 **T. Filatova**, A. van der Veen "Microeconomic Motives of Land Use Change in Coastal Zone Area: Agent Based Modelling Approach", In A. Voinov, A.Jakeman and A. Rizolli (Eds), Proceedings of the 3rd Biennial meeting "Summit on Environmental Modelling and Software" of the International Environmental Modelling and Software Society, July 9-13, 2006, Burlington, Vermont, USA. USA: IEMSS (ISBN 1-4243-0852-6). Available online from: <http://www.iemss.org/iemss2006/>.
- 2006 **T. Filatova**, A. van der Veen "Questions and methods to model emergence of land use patterns in coastal zone area", In A. Voinov, A.Jakeman and A. Rizolli (Eds), Proceedings of the 3rd Biennial meeting "Summit on Environmental Modelling and Software" of the International Environmental Modelling and Software Society, July 9-13, 2006, Burlington, Vermont, USA. USA: IEMSS (ISBN 1-4243-0852-6). Available online from: <http://www.iemss.org/iemss2006/>.
- 2006 **T. Filatova**, "Scales in coastal land use: policy and individual decision making", Institute of Governance and Innovation Conference, June 15-16 2006, Enschede, Netherlands.
- 2006 **T. Filatova**, Agent-based modelling for coastal zone management policy: land-use aspects, Proceedings of the International Conference "Public Administration in the XXI century: traditions and innovations", May 24-26 2006, Lomonosov Moscow State University, Russia, p. 250-254.
- 2006 **T.Filatova** "Human behaviour as a factor in land use change in coastal zone area", ZUMA Advanced Simulation Workshop, University of Koblenz, Germany, 4-7 of April, 2006
- 2005 **Filatova T.V.** How to evaluate sustainability of the region with the ecological footprint concept//Youth and Science in Siberia: proceedings of the youth academic forum, Dec 2003 - Chita: ZabGPU – p.174-178
- 2005 Stauvermann P., **Filatova T.V.** "Eco-efficiency of the region's absorption capacity"; international conference "Globalisation, New Economy and the Environment: Business and Society Challenges for Sustainable Development" held by the Russian Society of Ecological Economics, St.-Petersburg, Russia, p 74-76.
- 2004 **T. Filatova** "Eco-efficiency indicator as a regional indicator of sustainable development", Proceedings of the 5th Regional Science conference, Russian branch. International Academy of the Regional Development and Cooperation. Moscow, Russia, 2005, p. 228-239.
- 2004 Glazyrina I.P., Stauvermann P., **Filatova T.V.** "Ecologically adjusted indicators of economic growth"; IV scientific conference "Kulagin's recitation", Administration of Chita region and Chita State University, Russia: Chita State Technical University, part 1, p 106-111.
- 2004 **T.Filatova** "Quality of growth indicators based on Ecological Footprint concept"; the 8th Scientific Conference of International Society of Ecological Economics "Challenging Boundaries: economics, ecology and governance" held on July 11-14, 2004 in Montreal, Canada.

- 2004 A.E.Steenge, **T.V.Filatova** "The NAMEA approach to environmental accounting: perspectives of its implementation in Russia"; International conference "The natural resources potential of Asian Russia and contiguous countries: geoeconomical, geoeological and geopolitical dividing into regions" held within the Baikal Economic Forum in Irkutsk, Russia, p. 210-213.
- 2003 **T. Filatova** "Is the development of Chita region sustainable or not? Point of view of Ecological footprint concept"; Scientific Conference held by the Siberian Branch of Russian Academy of Sciences in Chita, Russia, p. 81-87.
- 2003 **T. Filatova** "Accounting of the indicator of sustainable development for Chita region with the Ecological Footprint concept"; International Conference "Economic Development and the Environment: information, modelling and management" held by the Russian Society of Ecological Economics, Baikal, Russia, p. 68-73.
- 2002 V. Brezgin, **T. Filatova** "Information system for the evaluation of the ecological functions of forest ecosystems"; Scientific Conference "Natural resources of the Asiatic Russia and neighbouring countries: the ways of enhancement of nature use" held within the Baikal Economic Forum in Irkutsk, Russia, p 118-119.
- 2001 V. Brezgin, **T. Filatova** "Carbon credit accounting with the NPV formula"; International conference "Ecological Economic Management and Planning in Regional and Urban Systems" held by the Russian Chapter of the International Society for Ecological Economics in Moscow, Russia, p. 20-21.

REVIEW ACTIVITIES

Journal article reviewer:

Environmental and Resource Economics
 Journal of Environmental Management
 Economic Modeling
 Environment and Planning B: Planning and Design
 Environmental Modeling & Software
 Journal of Artificial Societies and Social Simulation
 Landscape Ecology
 Ecological Informatics
 Physica A
 Advances in Complex Systems
 Ecological Modeling

Grant Reviewer:

Federal Ministry of Education and Research in Germany, research funding initiative "Interaction between land management, climate change and ecosystem services"
 Wageningen University & Research centre, research funding initiative "Complex Adaptive Systems"

MEMBERSHIP

- 2010 International Society for Ecological Economics (ISEE)
- 2007-present Member, European Social Simulation Association (ESSA)
- 2006-present Member, International Environmental Modelling and Software Society (iEMSs)
- 2001-2005 Member, International Society for Ecological Economics / Russian Chapter (RSEE)

SERVICES AND OTHER RELATED ACTIVITIES:

- 2012 Member of the scientific program committee:

- of the Track “Applications in Social Science and Organization” at the [Winter Simulation Conference](#), Berlin, Germany
 - [4th World Congress on Social Simulations](#), Taipei, Taiwan
 - [8th Conference of the European Social Simulation Association](#), Salzburg, Austria
- 2012 Co-organiser
Special session on “Modelling responses to shocks in coupled socio-ecological systems”, [6th Biennial Meeting: International Congress on Environmental Modelling and Software \(iEMSs 2012\)](#), Leipzig, Germany
- 2011 Member of the scientific program committee of the [7th Conference of the European Social Simulation Association](#), Montpellier, France
- 2010 Session chair
‘Land Use: Prices, Choices and Efficiency’, [11th Biennial Conference of the International Society for Ecological Economics \(ISEE\)](#) ‘Advancing Sustainability In A Time Of Crisis’ Oldenburg, Germany
- 2010 Co-organiser
Special session on ‘Spatial agent-based models for socio-ecological systems’, [Fifth Biennial Meeting: International Congress on Environmental Modelling and Software \(iEMSs 2010\)](#), Ottawa, Canada
- 2009 Member of the organising committee
International workshop “Agent-based models of land markets”, Macaulay Institute in Aberdeen, UK
- 2008-present Secretary of the International Environmental Modelling and Software Society ([iEMSs](#))
- 2003 Member of the organising committee
International Conference “Economic Development and the Environment: information, modelling and management” held by the Russian Society of Ecological Economics, Baikal, Russia

COMPUTER SKILLS:

Stata, R statistical language, NetLogo, UML, Delphi, basics of Latex

LANGUAGES:

English - fluent

Russian – native

Dutch – basic understanding