

## Anthony Patt

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### Academic and Professional Positions

Eidgenössische Technische Hochschule Zürich (Swiss Federal Institute of Technology Zurich), *Professor of Climate Policy*, Institute for Environmental Decisions, Department of Environmental Systems Science. (August 2013 – present); Head, Institute for Environmental Decisions (February 2016 – February 2018).

International Institute for Applied Systems Analysis, Laxenburg, Austria. *Visiting research scholar* (August 2013 – present); *Senior research scholar* (January 2010 – July 2013); *Leader of Greenhouse Gas Initiative* (January 2010 – September 2011); *Leader of Decisions and Governance Research Group* (January 2007 – July 2013); *Research scholar* (August 2006 – December 2009); *Visiting fellow* (January – March 1998).

Program in Global Change Ecology, University of Bayreuth, Germany. *Visiting lecturer* (December 2007 – May 2013).

Department of Geography and Environment, Boston University, Massachusetts (USA). *Research assistant professor* (September 2006 – August 2008); *Director of undergraduate studies* (September 2004 – August 2006); *Assistant professor* (September 2000 – August 2006).

Hanse Institute for Advanced Studies, Delmenhorst, Germany. *Fellow* (August 2005).

Potsdam Institute for Climate Impact Research, Germany. *Visiting fellow* (June 2002 – Aug. 2004).

Harvard University, Cambridge, Massachusetts. *Lecturer, Kennedy School of Government* (September 1999 – January 2000); *Doctoral research fellow, Belfer Center for Science and International Affairs* (September 1997 – June 2000); *Visiting researcher, Department of Earth and Planetary Sciences* (September 1998 – June 1999); *Research assistant, Belfer Center for Science and International Affairs* (June 1996 – May 1997).

Landworks, Middlebury, Vermont. *Environmental Planning and Policy Consultant* (June 1993 – February 1995)

Mad River Glen Ski Area, Waitsfield, Vermont. *Corporate Counsel* (October 1992 – March 1993).

Langrock Sperry & Wool, Middlebury, Vermont. *Attorney at law* (Sept. 1991 – Sept. 1992).

### Education

PhD, Public Policy, 2001  
Harvard University, Cambridge, Massachusetts  
Advisors: William Clark, Daniel Schrag, and Richard Zeckhauser

Master in Public Policy, 1997  
Harvard University, Cambridge, Massachusetts

Juris Doctor, 1991  
Duke University, Durham, North Carolina

Bachelor of Arts, Architecture and Landscape Design, 1987  
Yale University, New Haven, Connecticut

- Publications:  
*Peer-Reviewed  
Journal Articles*
- Rashidi, K., M. Stadelmann, and A. Patt (2019). Creditworthiness and climate: Identifying a hidden financial co-benefit of municipal climate adaptation and mitigation policies. *Energy Research and Social Science* 48: 131-138.
- Weyrich, P., A. Scolobig, D. Bresch, and A. Patt (2018). Effects of impact-based warnings and behavioral recommendations for extreme weather events. *Weather, Climate, and Society* 10(4): 781-796
- Booth, L. and A. Patt (2018). The push for proactive climate adaptation in Europe. *Current History* 117(797): 108-113
- Tessema, Y., J. Jörin, and A. Patt (2018). Climate change as a motivating factor for farm-adjustments: Rethinking the link. *Climate Risk Management* DOI: 10.1016/j.envdev.2017.11.001.
- Labordena, M., D. Neubauer, D. Folini, A. Patt, and J. Lilliestam (2018). Blue skies over China: the effect of pollution control on solar power generation and revenues. *PLoSOne* 13(11): e0207028
- Patt, A., O. van Vliet, J. Lilliestam, and S. Pfenninger (2018). Will policies to promote energy efficiency help or hinder achieving a 1.5°C climate target? *Energy Efficiency*.  
Doi:10.1007/s12053-018-9715-8
- Hanger, S., J. Linerooth-Bayer, S. Surminski, C. Nenciu-Posner, A. Lorant, R. Ionescu, and A. Patt (2018). Insurance, public assistance, and household flood risk reduction: a comparative study of Austria, England, and Romania. *Risk Analysis* 38(4): 680 – 693.
- McCaughey, J., P. Daly, I. Mundir, S. Mahdi, and A. Patt (2018). Socio-economic consequences of post-disaster reconstruction in hazard-exposed areas. *Nature Sustainability* 1: 38 – 43.
- Lilliestam, J., T. Barradi, N. Caldes, M. Gomez, S. Hanger, J. Kern, N. Komendantova, M. Mehos, W. Hong, Z. Wang, and A. Patt (2018). Policies to keep and expand the option of concentrating solar power for dispatchable renewable electricity. *Energy Policy* 116: 193 – 197.
- Tessema, Y., J. Jörin, and A. Patt (2018). Factors affecting smallholder farmers' adaptation to climate change through non-technological adjustments. *Environmental Development* 25: 33 – 42.
- Rashidi, K. and A. Patt (2018). Substance over symbolism: the role of transnational municipal networks on cities' climate policy innovation and adoption. *Mitigation and Adaptation Strategies for Global Change* 24(3): 507 -523. doi:10.1007/s11027-017-9747-y.
- Späth, L., E. Amodeo, A. Lué, S. Muratori, A. Scolobig, and A. Patt (2017). Stakeholder engagement and multi-criteria decision aiding in the electricity transmission grid reinforcement: evidence from a role-playing game. *Journal of Environmental Planning and Management* doi: 10.1080/09640568.2017.1395317
- Lilliestam, J., M. Labordena, A. Patt, and S. Pfenninger (2017). Empirically observed learning rates for concentrating solar power and their responses to regime change. *Nature Energy* 2: 17094.
- Rashidi, K., M. Stadelmann, and A. Patt (2017). Valuing co-benefits to make low-carbon investments in cities bankable: the case of waste and transportation projects. *Sustainable Cities and Society* 34: 69 – 78.

- McCaughey, J., I. Mundir, P. Daly, S. Mahdi, and A. Patt (2017). Trust and distrust of vertical evacuation buildings: extending protection motivation theory to examine choices under social influence. *International Journal of Disaster Risk Reduction* 24: 462 – 473.
- Diaz, P., O. Van Vliet, and A. Patt (2017). Do we need gas as a bridging fuel? A case study of the electricity system of Switzerland. *Energies* 10(7), 861.
- Patt, A. (2017). Beyond the tragedy of the commons: reframing effective climate change governance. *Energy Research and Social Science* 34: 1 – 3.
- Díaz, P., C. Adler, and A. Patt (2017). Do stakeholders' perspectives on renewable energy infrastructure pose a risk to energy policy implementation? A case of a hydropower plant in Switzerland. *Energy Policy* 108: 21 – 28.
- Labordena, M., A. Patt, M. Bazilian, M. Howells, and J. Lilliestam (2017). Impact of political and economical barriers for concentrating solar power in Sub-Saharan Africa. *Energy Policy* 102: 52 – 72.
- Mudombi, S., C. Frabricius, V. van Zyl-Bulitta, and A. Patt (2017). The use of and obstacles to social learning in climate change adaptation initiatives in South Africa. *Jamba: Journal of Disaster Risk Studies* 9: a292. DOI: 10.4102/jamba.v9i1.292.
- Damerau, K., A. Patt, and O. Van Vliet (2016) Water saving potential and possible trade-offs for future food and energy supply. *Global Environmental Change* 39: 15 – 25.
- Hanger, S., N. Komendantova, B. Schinke, D. Zejli, A. Ihlal, and A. Patt (2016) Community acceptance of large-scale solar energy installations in developing countries: evidence from Morocco. *Energy Research and Social Science* 14: 80 – 89.
- Scolobig, A., T. Prior, D. Schröter, J. Jörin, and Anthony Patt (2015). Towards people-centred approaches for effective disaster risk-management: balancing rhetoric with reality. *International Journal of Disaster Risk Reduction* 12: 202 – 212.
- Blumer, Y., C. Moser, A. Patt, and R. Seidl (2015). The precarious consensus on the importance of energy security: contrasting views between Swiss energy users and experts. *Renewable and Sustainable Energy Reviews* 52: 927 – 936.
- Berkhout, F., L. Bouwer, J. Bayer, M. Bouzid, S. Hanger, A. Hof, P. Hunter, L. Meller, Anthony Patt, B. Pfluger, T. Rayner, K. Reichardt, and A. van Teeffelen (2015) European policy responses to climate change: progress on mainstreaming emissions reduction and adaptation. *Regional Environmental Change* 15: 949 – 959.
- Damerau, K., O. van Vliet, and A. Patt (2015). Direct impacts of alternative energy scenarios on water demand in the Middle East and North Africa. *Climatic Change* 130: 171 – 183.
- Lilliestam, J. and A. Patt (2015). Barriers, risks and policies for renewables in the Gulf States. *Energies* 8(8) 8263 – 8285.
- Ondraczek, J., N. Komendantova, and A. Patt (2015). WACC the dog: the effect of financing costs on the levelized cost of solar PV power. *Renewable Energy* 75: 888 – 898.
- Lilliestam, J., S. Pfenninger, P. Gauché, K. Damerau, F. Wagner, and A. Patt (2014). On the limits to solar thermal power. A reply to Trainer. *Energy Policy* 75: 424 – 5.
- Komendantova, Nadejda and Anthony Patt (2014). Employment under vertical and horizontal transfer of concentrated solar power technology to North African countries. *Renewable and Sustainable Energy Reviews* 40: 1192 – 1201.

Komendantova, N., S. Pfenninger, and A. Patt (2014). Governance risks as barriers for renewable energy projects in North Africa. *The International Spectator* 49(2): 50 – 65.

Scolobig, A., N. Komendantova, A. Patt, C. Vinchon, D. Monfort-Climent, M. Begoubou-Valerius, P. Gasparini, A. Di Ruocco (2014). Multi-risk governance for natural hazards in Naples and Guadeloupe. *Natural Hazards* 73: 1523 – 1545.

Pfenninger, S., P. Gauché, J. Lilliestam, K. Damerau, F. Wagner, and A. Patt (2014). The potential for concentrating solar power to provide baseload and dispatchable power. *Nature Climate Change* 4: 689 – 692.

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Patt, A. and E. Weber (2014). Perceptions and communication strategies for the many uncertainties relevant for climate policy. *Wiley Interdisciplinary Reviews: Climate Change* 5(2): 219 – 232.

Tall, Arame, Anthony G. Patt, and Steffen Fritz (2013). Reducing vulnerability to hydro-meteorological extremes in Africa. A qualitative assessment of national climate disaster management policies: Accounting for heterogeneity. *Weather and Climate Extremes* 1: 4 – 16.

Patt, Anthony, Stefan Pfenninger, and Johan Lilliestam (2013). Vulnerability of solar energy infrastructure and output to climate change. *Climatic Change* 121: 93 – 102.

Damm, Andrea, Katharina Eberhard, Jan Sendzimir, and Anthony Patt (2013). Perception of landslide risk and responsibility: a case study in Eastern Styria, Austria. *Natural Hazards* 69: 165 – 183.

Patt, Anthony (2013). Should adaptation be a distinct field of science? *Climate and Development* 5 (3): 187 – 188.

Nussbaumer, Patrick, Morgan Bazilian, and Anthony Patt (2013). A statistical analysis of the relationship between energy and the Millennium Development Goals. *Climate and Development* 5: 101 – 112.

Panda, Architesh, Upasna Sharma, K.N. Ninan, and Anthony Patt (2013). Adaptive capacity contributing to improved agricultural productivity at the household level: empirical findings highlighting the importance of crop insurance. *Global Environmental Change* 23: 782 – 790.

Sharma, Upasna, Anand Patwardhan, and Anthony Patt (2013) Role of education in enhancing response to cyclone warnings: evidence from coastal zones. *Ecology and Society* 18(2): 18.

Hanger, Susanne, Stefan Pfenninger, Magali Dreyfus, and Anthony Patt (2013). Knowledge and information needs of adaptation policy makers: a European study. *Regional Environmental Change* 13(1): 91 – 101.

Striessnig, Erich, Wolfgang Lutz, and Anthony Patt (2013). Effects of educational attainment on

climate risk vulnerability. *Ecology and Society* 18(1): 16.

Malek, Ziga, Dagmar Schröter, and Anthony Patt (2012). Identification of changes to ecosystem services in the Subcarpathians of Buzau County in Romania. *Forum Carpathicum* 2012:15-18.

Patt, Anthony (2012). Multi-level climate adaptation policy and causation narratives. *Geografisk Tidsskrift - Danish Journal of Geography* 112: 174 -182.

Nielson, Jonas, Mette Fog Olwig, Cecilie Rubow, Anthony Patt, and Ian Christoplos (2012). Causal narratives and policy in a warming world. *Geografisk Tidsskrift - Danish Journal of Geography* 112: 208 – 209.

Dreyfus, Magali and Anthony Patt (2012). The European Commission White Paper on adaptation: appraising its strategic success as an instrument of soft law. *Mitigation and Adaptation Strategies for Global Change* 17: 849 863.

Sharma, Upasna, Anna Scolobig, and Anthony Patt (2012). The effects of decentralization on the production and use of risk assessment: insights from landslide management in India and Italy. *Natural Hazards* 64 (2): 1357 – 1371.

Lilliestam, Johan, Jeffrey Bielicki, and Anthony Patt (2012). Comparing carbon capture and storage (CCS) with concentrating solar power (CSP): potentials, costs, risks, and barriers. *Energy Policy* 47: 447 – 455.

Battaglini, Antonella, Nadejda Komendantova, Patricia Brtnik, and Anthony Patt (2012). Perception of barriers for expansion of electricity grids in the European Union. *Energy Policy* 47: 254 – 259.

Lilliestam, Johan, Antonella Battaglini, Charlotte Finlay, Daniel Fürstenwerth, Anthony Patt, Gus Schellekens, and Peter Schmidt (2012). An alternative to a global climate deal is unfolding before our eyes. *Climate and Development* 4: 1 – 4.

Fan, Lin, Catherine Norman, and Anthony Patt (2012). Electricity capacity investment under risk aversion: a case study of coal, gas, and concentrated solar power. *Energy Economics* 34: 54 – 61.

Sharma, Upasna and Anthony Patt (2012). Disaster warning response: the effects of different types of personal experience. *Natural Hazards* 60: 409 – 423.

Komendantova, Nadejda, Anthony Patt, Lucile Barras, and Antonella Battaglini (2012). Perception of risks in renewable energy projects: the case of concentrated solar power in North Africa. *Energy Policy* 40: 103 – 109.

Komendantova, Nadejda, Anthony Patt, and Keith Williges (2011). Solar power investment in North Africa: reducing perceived risks. *Renewable and Sustainable Energy Reviews* 15: 4829 – 4835.

Patt, Anthony, Nadejda Komendantova, Antonella Battaglini, and Johan Lilliestam (2011). Regional integration to support full renewable power deployment for Europe by 2050. *Environmental Politics* 20(5): 727 – 742.

Damerou, Kerstin, Keith Williges, Anthony Patt, and Paul Gauché (2011). Costs of reducing water use of concentrating solar power to sustainable levels: scenarios for North Africa. *Energy Policy* 39: 4391 – 4398.

Eakin, Hallie and Anthony Patt (2011). Are adaptation studies effective, and what can enhance their practical impact? *Wiley Interdisciplinary Reviews: Climate Change* 2: 141 – 153.

Williges, Keith, Johan Lilliestam, and Anthony Patt (2010). Making concentrated solar power competitive with coal: the costs of a European feed-in tariff. *Energy Policy* 38: 3089 – 3097.

Patt, Anthony, Detlef van Vuuren, Frans Berkhout, Asbjørn Aaheim, Andries Hof, Morna Isaac, and Reinhard Mechler (2010). Adaptation in integrated assessment modeling: where do we stand? *Climatic Change* 99: 383 – 402.

Patt, Anthony, Mark Tadross, Patrick Nussbaumer, Kwabena Asante, Marc Metzger, José Rafael, Anne Gujon, and Geoff Brundrit (2010). Estimating least developed countries' vulnerability to climate-related extreme events over the next 50 years. *Proceedings of the National Academy of Sciences of the United States of America* 107: 1333 – 1337.

Patt, Anthony, Pablo Suarez, and Ulrich Hess (2010). How much do smallholder farmers understand and want insurance? Evidence from Africa. *Global Environmental Change* 20: 153 – 161.

Patt, Anthony (2010). Effective regional energy governance—not global environmental governance—is what we need right now for climate change. *Global Environmental Change* 20: 33 – 35.

Patt, Anthony, Nicole Peterson, Michael Carter, Maria Velez, Ulrich Hess, and Pablo Suarez (2009). Making index insurance attractive to farmers. *Mitigation and Adaptation Strategies for Global Change* 14 (8): 737 – 753.

Patt, Anthony (2009). Beyond conventional thinking: mitigation and the real opportunities for developing countries. *Climate & Development* 1: 107 – 110.

Battaglini, Antonella, Johan Lilliestam, Armin Haas, and Anthony Patt (2009). Development of SuperSmart Grids for a more efficient utilization of electricity from renewable sources. *Journal of Cleaner Production* 17: 911 – 918.

Meze-Hausken, Elisabeth, Anthony Patt, and Steffen Fritz (2009). Reducing climate risk for micro-insurance providers in Africa: a simple crop insurance model for Ethiopia. *Global Environmental Change* 19: 66 – 73.

Patt, Anthony and Dagmar Schröter (2008). Perceptions of climate risk in Mozambique: implications for the success of adaptation and coping strategies. *Global Environmental Change* 18: 458 – 467.

Patt, Anthony, Laban Ogallo, and Molly Hellmuth (2007). Learning from 10 years of Climate Outlook Forums in Africa. *Science* 318: 49 – 50.

Patt, Anthony (2007). Assessing model-based and conflict-based uncertainty. *Global Environmental Change* 17: 37 – 46.

Patt, Anthony, Hannah Bowles, and David Cash (2006). Mechanisms for enhancing the credibility of an advisor: prepayment and aligned incentives. *Journal of Behavioral Decision Making* 19 (4): 347 – 359.

Cash, David, Jonathan Borck, and Anthony Patt (2006). Countering the loading-dock approach to linking science and decision making: comparative analysis of El Niño/Southern Oscillation (ENSO) forecasting systems. *Science, Technology, & Human Values* 31: 465 – 494

Schröter, Dagmar, Colin Polsky, and Anthony Patt (2005). Assessing vulnerabilities to the effects of global change: an eight-step approach. *Mitigation and Adaptation Strategies for Global Change* 10: 573 – 579.

Patt, Anthony, Pablo Suarez, and Chiedza Gwata (2005). Effects of seasonal climate forecasts

and participatory workshops among subsistence farmers in Zimbabwe. *Proceedings of the National Academy of Sciences of the United States of America* 102: 12623-12628.

Grothmann, Torsten and Anthony Patt (2005). Adaptive capacity and human cognition: the process of individual adaptation to climate change. *Global Environmental Change* 15(3): 199 – 213.

Patt, Anthony and Bernd Siebenhüner (2005). Agent based modeling and adaptation to climate change. *Vierteljahrshefte zur Wirtschaftsforschung (Quarterly Journal of Economic Research)* 74(2): 310 – 320.

Patt, Anthony and Suraje Dessai (2005). Communicating uncertainty: lessons learned and suggestions for climate change assessment. *Comptes Rendus Geosciences* 337: 425 – 441.

Patt, Anthony, Richard J.T. Klein, and Anne de la Vega-Leinert (2005). Taking the uncertainties in climate change vulnerability assessment seriously. *Comptes Rendus Geosciences* 337: 411 – 424.

Foster, Charles H.W., Alice E. Ingerson, Anthony Patt, William A. Shutkin, Brian Donaghue, DeWitt John, and Marc K. Landy (2004). Implementing civic environmentalism: a model. *Renewable Resources Journal* 22(1): 11-18.

Suarez, Pablo and Anthony Patt (2004). Caution, cognition, and credibility: the risks of climate forecast application. *Risk, Decision and Policy* 9: 75-89.

Patt, Anthony and Daniel Schrag (2003). Using specific language to describe risk and probability. *Climatic Change* 61: 17-30.

Patt, Anthony and Chiedza Gwata (2002). Effective seasonal climate forecast applications: examining constraints for subsistence farmers in Zimbabwe. *Global Environmental Change* 12: 185-195.

Patt, Anthony (2001). Understanding uncertainty: forecasting seasonal climate for farmers in Zimbabwe. *Risk, Decision and Policy* 6: 105-119.

Patt, Anthony and Richard Zeckhauser (2000). Action bias and environmental decisions. *Journal of Risk and Uncertainty* 21(1): 45-72.

Patt, Anthony (1999). Separating analysis from politics: acid rain in Europe. *Policy Studies Review* 16(3/4):104–137.

Patt, Anthony (1999). Economists and ecologists: modeling global climate change to different conclusions. *International Journal of Sustainable Development* 2(2): 245–262.

Patt, Anthony (1999). Assessing extreme outcomes: the strategic treatment of low probability impacts in scientific assessment. *Risk, Decision and Policy* 4(1): 1–15.

Publications:  
Books and Book  
Chapters

Panda, Architesh, Upasna Sharma, K.N. Ninan, and Anthony Patt (2017). Adaptive capacity contributing to improved agricultural productivity at the household level: empirical findings highlighting the importance of crop insurance. In Ninan, K., M. Inoue, and R. Watson (eds.) *Building a Climate Resilient Economy: Challenges and Opportunities*, London: Edward Elgar, pp. 41 – 58.

Patt, Anthony (2015). *Transforming energy: solving climate change with technology policy*. New York and Cambridge UK: Cambridge University Press. 380 pp.

Scolobig A., Garcia-Aristizabal A., Komendantova N., Patt A., Di Ruocco A., Gasparini P., Monfort D., Vinchon C., Bengoubou-Valerius M., Mrzyglocki R., Fleming K. (2014), "From multi-risk assessment to multi-risk governance: recommendations for future directions", Chapter 3-20 in: *Understanding risk: the evolution of disaster risk assessment*, International Bank for Reconstruction and Development, Washington DC: 163-167.

Patt, Anthony, Nadejda Komendantova, Antonella Battaglini, and Johan Lilliestam (2013). Regional integration to support full renewable power deployment for Europe by 2050. In Vanderheiden, S. (ed.), *The politics of energy: challenges for a sustainable future*. London: Taylor and Francis pp. 121 – 136.

Patt, Anthony (2013). Science to support climate risk management. In M. Boycoff and S. Moser (eds), *Successful adaptation: linking science and practice in managing climate change impacts*. New York: Routledge.

Komendantova, Nadejda, and Anthony Patt (2011). Could corruption prove a barrier to roll-out of renewable energy in North Africa? In *Transparency International Global Corruption Report: Climate Change*. London: Earthscan, pp. 187 – 193.

Patt, Anthony, Diana Reckien, Richard J.T. Klein, Detlef van Vuuren, Markus Wrobel, Nico Bauer, Gunnar S. Eskeland and Tom Downing (2010). What can social science tell us about meeting the challenge of climate change: five insights from five years that might make a difference. In M. Hulme and H. Neufeld (eds.) *Making climate change work for us*. Cambridge UK: Cambridge University Press, pp. 369 – 388

Gupta, Joyeeta, Åsa Persson, Lennart Olsson, Joanne Bayer, Nicolien van der Grijp, Anne Jerneck, Richard J.T. Klein, Mike Thompson, and Anthony Patt (2010). Mainstreaming climate change in development cooperation policy: conditions for success. In M. Hulme and H. Neufeld (eds.) *Making climate change work for us*. Cambridge UK: Cambridge University Press, pp. 319 – 339.

Patt, Anthony, Angie Dazé, and Pablo Suarez (2009). Gender and climate change vulnerability: what's the problem, what's the solution? In M. Ruth and M. Ibararán (eds.), *The Distributional effects of climate change: social and economic implications*. Cheltenham, UK: Edward Elgar, pp. 82 – 102.

Suarez, Pablo, Jesse Ribot, and Anthony Patt (2009). The role of climate information in reducing vulnerability. In M. Ruth and M. Ibararán (eds.), *The Distributional effects of climate change: social and economic implications*. Cheltenham, UK: Edward Elgar, pp. 151 – 165.

Patt, Anthony (2009). Learning to crawl: how to use seasonal climate forecasts to build adaptive capacity. In N. Adger, I. Lorenzoni, and K. O'Brien (eds.) *Living with climate change: are there limits to adaptation?* Cambridge UK: Cambridge University Press, pp. 79 – 95

Patt, Anthony (2009). Communicating uncertainty to policy-makers. In P. Bavaye, J. Mysiak, and M. Laba (ed.), *Uncertainties in environmental modeling and consequences for policy making*. Dordrecht: Springer, pp. 231 – 251.

Patt, Anthony, Dagmar Schröter, Richard Klein, and A.C. de la Vega-Leinert (eds.) (2008). *Assessing Vulnerability to Global Environmental Change: Making information useful for adaptation policy and decision-making*. London: Earthscan.

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Winkler, Jordan, Anthony Patt, and Kabineh Konneh (2007). Knowledge for sustainable development: assessing a decade of African climate forecasting. In J. Griffiths, *Elements for Life*. London: Tudor Rose Publishing, pp. 156 – 157.

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Patt, Anthony (2006). Trust, respect, patience, and sea surface temperatures: useful climate forecasting in Zimbabwe. In R. Mitchell, W. Clark, D. Cash, and N. Dickson (eds.), *Global environmental assessments: information, institutions, and influence*. Cambridge: MIT Press, pp. 241–269.

Patt, Anthony (2005). How do you assess extreme events? In A. Farrell and J. Jäger (eds.) *Assessments of Regional and Global Environmental Risks: Designing Processes for the Effective Use of Science in Decisionmaking*. Washington, D.C.: Resources for the Future, pp. 119–137.

Foster, Charles, Marc Landy, Anthony Patt, DeWitt John, Brian Donahue, Alice Ingerson, and William Shutkin (2003). Civic Environmentalism. In R. Moore (Ed.) *Memos to the Governor: Management Advice from the Commonwealth's Experts in Public Administration and Policy*, pp. 42-57. Boston MA: American Society for Public Administration, Massachusetts Chapter.

Patt, Anthony and Richard Zeckhauser (2002). Behavioral perceptions and policies toward the environment. In R. Gowda and J. Fox (eds.), *Judgments, Decisions, and Public Policy*, Cambridge UK: Cambridge University Press, pp. 265–302.

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Patt, Anthony (2000). *Strategy and Psychology in Environmental Assessment*. Harvard University Graduate School of Arts and Sciences, PhD Thesis, Cambridge, Massachusetts, 137 pp.

Parson, Edward, Shardul Agrawala, Anthony Patt, Robert Keohane, Ronald Mitchell, Liliana Botcheva, William Clark, Elizabeth DeSombre, James McCarthy, and Eileen Shea (1997). Explaining the form of assessments: Why do we get the assessments we do? In *A Critical Evaluation of Global Environmental Assessments: The Climate Experience*, Washington DC: Center for the Application of Research on the Environment of the Institute of Global Environment and Society, pp. 49-78.

Publications:  
*Working Papers  
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Komendantova, Nadejda, Roger Mrzyglocki, Arnaud Mignan, Bijan Khazai, Friedemann Wenzel, Anthony Patt, and Kevin Fleming (2013). Risk governance and the communication process from science to policy: Evaluating perceptions of stakeholders from practice in multi-hazard and multi-risk decision support models. Deliverable D8.5 for the MATRIX Seventh Framework Project, submitted to the European Commission. 37 pp.

Scolobig, Anna, Nadejda Komendantova, Paolo Gasparini, Angela Di Ruocco, Alexander Garcia-Aristizabal, Charlotte Vinchon, Mendy Bengoubou-Valerius, Daniel Monfort-Climent, Friedmann

Wenzel, and Anthony Patt (2013). Benefits and barriers to multi-hazard mitigation and adaptation, with policy recommendations for decision-support. Deliverable D6.4 for the MATRIX Seventh Framework Project, submitted to the European Commission. 40 pp.

Anna Scolobig, Charlotte Vinchon, Nadejda Komendantova, Mendy Bengoubou-Valerius, and Anthony Patt (2013). Social and institutional barriers to effective multi-hazard decision making. Deliverable D6.3 for the MATRIX Seventh Framework Project, submitted to the European Commission. 135 pp.

Komendantova, Nadejda, Noel van Erp, Pieter van Gelder, and Anthony Patt (2013). New methodologies for multi-hazard and multi-risk assessment methods for Europe. Deliverable D6.2 for the MATRIX Seventh Framework Project, submitted to the European Commission. 128 pp.

Patt, Anthony, Tim Rayner, Frans Berkhout, Laurens Bouwer, Susanne Hanger, and Joachim Schleich (2013). Guidance on a strategic climate assessment approach. Deliverable D9.4 for the RESPONSES Seventh Framework Project, submitted to the European Commission. 52 pp.

Lilliestam, Johan and Anthony Patt (2012). Energy security in scenarios for Europe's future electricity supply. SEFEP (Smart Energy for Europe Platform) Working Paper. Berlin. 14 pp.

Patt, Anthony, Stefan Pfenninger, and Jochen Hinkel (2012). *Adaptation problem types*. Deliverable D4.3 for the MEDIATION Seventh Framework Project, submitted to the European Commission. 20 pp.

Schellekins, Gus, Charlotte Finlay, Antonella Battaglini, Johan Lilliestam, Daniel Fürstenwerth, Peter Schmidt, and Anthony Patt (2011). *Moving towards 100% renewable electricity in Europe and North Africa*. Policy report published by PricewaterhouseCoopers, with support from the Potsdam Institute for Climate Impact Research, the International Institute for Applied Systems Analysis, and the European Climate Forum. 78 pp.

Damm, Andrea, Katharina Eberhard, and Anthony Patt (2011). Risikowahrnehmung von Erdbeben: Ergebnisse einer empirischen Untersuchung in der Südoststeiermark (*Risk perception of landslides: results of an empirical study in southeast Styria*). International Institute for Applied Systems Analysis and the Wegener Zentrum für Klima und Globalen Wandel. 28 pp.

Patt, Anthony, Jochen Hinkel, and Rob Swart (2011). *Report on Uncertainty Methods*. Deliverable D4.1 for the MEDIATION Seventh Framework Project, submitted to the European Commission. 54 pp.

Reid, Gerard, Johan Lilliestam, Anthony Patt, Gus Schellekins, Catherine Mitchell, and Antonella Battaglini (2010). *A global renewables investment plan: scaling up investments in renewable energy technologies*. Published by the Government of India Ministry of New and Renewable Energy, and the German Federal Ministry for the Environment, Nature Conservancy, and Nuclear Safety, as a contribution to the Delhi International Renewable Energy Conference. 36 pp.

Patt, Anthony, and Stefan Pfenninger (2010). *Defining four integrative activities*. Deliverable D2.4 for the RESPONSES Seventh Framework Project, submitted to the European Commission. 11 pp.

Pfenninger, Stefan, Susanne Hanger, Magali Dreyfus, Anna Dubel, Nuria Hernandez-Mora, Paloma Esteve, Consuelo Varela-Ortega, Paul Watkiss, and Anthony Patt (2010). *Report on perceived policy needs and decision contexts*. Deliverable D1.1 for the MEDIATION Seventh Framework Project, submitted to the European Commission. 108 pp.

Patt, Anthony (2010). *Response to first draft questionnaire modules*. Report prepared as consultant to the World Bank to review proposed questionnaire related to gender mainstreaming for adaptation in Kenya. 10pp.

Patt, Anthony, Stefan Pfenninger, and Johan Lilliestam (2010). *Vulnerability of solar energy infrastructure and output to extreme events: climate change implications*. Paper prepared for the International Atomic Energy Agency as background material for a workshop held on the vulnerability of energy systems to climate change and extreme events, Trieste, Italy, April 2010.

Schellekens, Gus, Jo McDonnell, Antonella Battaglini, Johan Lilliestam, and Anthony Patt (2010). *100% renewable electricity: a roadmap to 2050 for Europe and North Africa*. Policy report published by PricewaterhouseCoopers, with support from the Potsdam Institute for Climate Impact Research, the International Institute for Applied Systems Analysis, and the European Climate Forum. 144 pp.

Patt, Anthony, Raul Varela, Isilda Nhantumbo, and Livia Bizikova (2010). *The Social Dimension of Adaptation to Climate Change in Mozambique*. World Bank Development and Climate Change Discussion Paper Number 16. 73 pp.

Patt, Anthony (2009). *Expanding solar energy in North Africa to achieve climate targets*. IIASA Policy Brief #7, International Institute for Applied Systems Analysis, Laxenburg, Austria. 4pp.

Hellmuth, M.E., D.E. Osgood, U. Hess, A. Moorhead, and H. Bhojwani, eds. (2009). *Index insurance and climate risk: prospects for development and disaster management*. Climate and Society No. 2, International Research Institute for Climate and Society (IRI), Columbia University, New York, USA. Contributing author.

Asante, K., R. Brito, G. Brundrit, P. Epstein, A. Fernandes, M.R. Marques, A. Mavume, M. Metzger, P. Nussbaumer, A. Patt, A. Queface, R. Sanchez del Valle, M. Tadross, and A. Vilankulos (2009). *Study on the impact of climate change on disaster risk in Mozambique*. National Institute for Disaster Management, Maputo, Mozambique. 55 pp.

Patt, Anthony (2009). *Inception report: vulnerability and adaptation assessment and participatory scenario development for costing climate change adaptation in Mozambique*. Prepared pursuant to a consulting contract with the World Bank. 22 pp.

Patt, Anthony and Patrick Nussbaumer (2008). *Vulnerability to climate risks in Mozambique: exposure and sensitivity trends for the next 50 years*. Prepared pursuant to a consulting contract with the Mozambique National Institute for Disaster Management and the Government of Denmark, 71 pp.

Patt, Anthony, Antonella Battaglini, Nadejda Komendantova, and Johan Lilliestam (2008). *Linking North Africa's renewable energy resources to Europe: policy challenges*. Background paper for a scientific workshop held at the International Institute for Applied Systems Analysis, 24 – 26 November 2008. 37 pp.

Patt, Anthony, Micheal Carter, Ulrich Hess, Nicole Peterson, Alexander Pfaff, Pablo Suarez, and Maria Velez (2008). *Helping potential market participants understand index insurance: challenges and strategies*. Background paper for the workshop Technical Issues in Index Insurance, International Research Institute for Climate and Society.

Aaheim, Asbjørn, Frans Berkhout, Zbigniew Kundzewicz, Carlo Lavalle, Darryn McEvoy, Reinhard Mechler, Henry Neufeld, Anthony Patt, Paul Watkiss, Anita Wreford, Christian Egenhofer, Monica Alessi, and Arno Behrens (2007). *Why we will need adaptation and how it can be implemented*. Policy Brief of the ADAM Project and the Centre for European Policy Studies.

Patt, Anthony and Jordan Winkler (2007). *Applying climate information in Africa*. Consultancy report to the US National Oceanic and Atmospheric Administration.

Patt, Anthony and Dagmar Schröter (2007). *Biased risk perception and climate adaptation: a case study of Mozambique*. Consultancy report to the World Bank.

Bayer, Joanne, Reinhard Mechler, and Anthony Patt (2007). *Private sector engagement in disaster risk management*. Consultancy report to UK Department for International Development.

Polsky, Colin, Dagmar Schröter, Anthony Patt, Stuart Gaffin, Marybeth Long Martello, Rob Neff, Alex Pulsipher, and Henrik Selin (2003). *Assessing vulnerabilities to the effects of global change: an eight step approach*. Belfer Center for Science and International Affairs (BCSIA) Discussion Paper 2003-05. Cambridge: Environment and Natural Resources Program, Kennedy School of Government, Harvard University.

Patt, Anthony (2000). *Communicating Probabilistic Forecasts to Decision Makers: A Case Study of Zimbabwe*. Belfer Center for Science and International Affairs (BCSIA) Discussion Paper 2000-19. Cambridge: Environment and Natural Resources Program, Kennedy School of Government, Harvard University.

Patt, Anthony. (1998). *Analytic Frameworks and Politics: The Case of Acid Rain in Europe*. Belfer Center for Science and International Affairs (BCSIA) Discussion Paper E-98-20. Cambridge: Environment and Natural Resources Program, Kennedy School of Government, Harvard University.

Patt, Anthony (1997). *Assessing Extreme Outcomes: The Strategic Outcome of Low Probability Impacts of Climate Change*. Belfer Center for Science and International Affairs (BCSIA) Discussion Paper E-97-10. Cambridge: Environment and Natural Resources Program, Kennedy School of Government, Harvard University; also International Institute for Applied Systems Analysis Interim Report IR-97-037/August.

Publications:  
Book Reviews  
and Letters

Patt, Anthony (2009). Climate for caring. *New Scientist* 203(2725): 27. (Letter to the editor)

Patt, Anthony (2009). Climatic Cataclysm: The Foreign Policy and National Security Implications of Climate Change, edited by Kurt Campbell. Washington DC: Brookings, 2008. In *Global Environmental Politics*, Vol. 9 No. 2 (2009) pp. 129 – 131 (book review).

Complexity and Ecosystem Management: The Theory and Practice of Multi-Agent Systems, edited by Marco Janssen. Cheltenham UK: Edward Elgar, 2003. In *Ecological Economics*, Vol. 50 No. 3-4 (2004) pp. 321-322.

Climate Affairs: A Primer, by Michael Glantz. Washington DC: Island Press, 2003. In *Ecological Economics*, Vol. 48 No. 3 (2004) pp. 365-366.

Currents of Change: Impacts of El Niño and La Niña on Climate and Society (second edition), by Michael Glantz. Cambridge: Cambridge University Press, 2001. In: *The International Journal of African Historical Studies*, Vol.34 No. 1 (2001) pp. 173-174.

Global Environmental Change and International Law: Prospects for Progress in the Legal Order, by Lynne Jurgielewicz. Lanham MD: University Press of America, 1996. In: *The Law and Politics Book Review*, Vol. 7 No. 6 (June 1997) pp. 255-257.

Citations statistics

Scopus: 98 indexed articles, 3,512 total citations, h-index = 32

Google Scholar: 246 indexed articles, 9,540 total citations, h-index = 41, i10 index =85

Grants and  
Consultancies

ESPREssO: *Enhancing synergies for disaster prevention in the European Union*. Work package leader on project funded by Horizon 2020 program of the European Union and SNF with a budget of €225,000 out of a total project budget of €8 million. May 2016 – November 2018.

*Trans-Risk: Assessing costs and risks of climate policy options.* Work package leader on project funded by Horizon 2020 program of the European Union and SNF with a budget of €350,000 out of a total project budget of €8 million. September 2015 – December 2018.

*Case Method teaching development.* PI on project to develop innovative teaching materials on environmental decision-making, funded by the Innovedum program of ETH Zurich. May – November 2015. CHF 37,000.

*An assessment of adaptive capacity for climate change in Switzerland.* PI on project funded by the Swiss Federal Office of the Environment. September 2014 – August 2016. CHF 200,000.

*Exploratory research on the water-energy-food nexus.* PI on seed funding grant from the Institute for Science, Technology and Policy, ETH Zurich. July 2014 – June 2015. CHF 75,000.

*New risks: tradeoffs in switching from nuclear energy to renewables in Switzerland.* PI on project funded by the Swiss National Funds, National Funding Priority on the Energy Transition. October 2014 – September 2015. CHF 300,000.

*INSPIRE-Grid: Improved and enhanced stakeholder participation in reinforcement of the electricity grid.* Project funded by the European Commission Seventh Framework Programme, November 2013 – October 2016. Leader of two work packages with a budget of €257,493 out of a total project budget of €2.5 million.

*BESTGRID: Renewables grid and public acceptance.* Project funded by the Intelligent Energy Europe funding program, July 2013 – December 2015. Work package leader with a budget of €142,873 out of a total project budget of €1.5 million.

*Social challenges of trans-Mediterranean renewable power cooperation.* Project funded by the European Research Council, January 2013 – December 2017. Principal investigator with a budget of €1,470,698.

*Energy security in scenarios for Europe's future electricity supply.* Project funded by the Smart Energy for Europe Platform, January 2011 – June 2012. Principal investigator with a budget of € 39,300.

*Analysis of recent European policies' consistency with 2050 decarbonization.* Project funded by the Smart Energy for Europe Platform, January – April 2011. Principal investigator with a budget of € 24,000.

*CHANGES: Changing hydrometeorological risks – as analyzed by a new generation of European scientists* Project funded as part of a Marie Curie training Network, January 2011 – August 2014. Project partner with a budget of €235,084.

*MATRIX: New multi-hazard and multi-risk assessment methods for Europe.* Project funded by the European Commission's Seventh Framework Programme, October 2010 – September 2013. Work package leader with a budget of € 300,000.

*Gender and natural resource management and environmental programming,* Consultancy to provide support to a World Bank a baseline assessment for Kenya. April – June 2010. Budget of \$7,000.

*Vulnerability of solar energy development to projected extreme climate events.* Consultancy for the International Atomic Energy Agency. March – April 2010. Budget of €4,400.

*MEDIATION: Methodology for Effective Decision-making on Impacts and Adaptation.* Project funded by the European Commission Seventh Framework Programme, January 2010 – March 2013. Leader of two research tasks with a budget of € 100,000 out of a total project budget of €

3,142,954.

*RESPONSES: European responses to climate change: deep emissions reductions and mainstreaming of mitigation and adaptation.* Project funded by the European Commission Seventh Framework Programme, January 2010 – March 2013. Participant in two research tasks with a budget of € 75,000 out of a total project budget of € 3,149,708.

*Linking MENA and offshore renewable resources to Europe: advancing policy-oriented discussions and drawing the political roadmap.* Principal investigator of project funded by the European Climate Foundation, September 2009 – August 2010, with a budget of € 198,701.

*SafeLand: Living with landslide risk in Europe: Assessment, effects of global change, and management strategies.* Funded by the European Commission Seventh Framework Programme, March 2009 – February 2012. Co-leader of work package: “Participatory stakeholder process for choosing appropriate mitigation/ prevention measures, including risk reduction targets”, Task budget of € 400,000 out of a total project budget of € 6,387,002.

*Economics of Adaptation to Climate Change.* Consultancy as leader of social analysis component of Mozambique country study for the World Bank. February 2008 – July 2008. Budget of \$35,000.

*Linking the MENA region’s renewable resources to Europe: scientific workshop to advance policy-relevant knowledge.* Funding from the European Climate Foundation. October – December 2008. Workshop organizer with a budget of € 49,880.

*Baseline assessment of climate change adaptation needs in Mozambique.* Consultancy (with Patrick Nussbaumer) for the Mozambique National Institute for Disaster Management, funded by the Danish International Development Agency. May 2008 – December 2008. Budget of \$30,726.

*Small-scale farmers’ understanding of insurance and risk spreading in Malawi and Ethiopia.* Consultancy (with Pablo Suarez) for the World Food Programme and the International Fund for Agricultural Development. April 2008 – March 2009. Budget of \$45,000.

*Alternative approaches to reducing small-holder farmer vulnerability in northern India and Nepal: a modeling study.* Principal Investigators: Reinhard Mechler, Anthony Patt, and Wolfgang Lutz. An internally funded project of the Greenhouse Gas Initiative of the International Institute for Applied Systems Analysis, May 2008 – April 2009. Budget of € 80,000.

*ADAM: Adaptation and Mitigation Strategies, Supporting European Climate Policy.* Member of project steering group and leader of work package with seven team members, examining links between development assistance and climate policy goals of EU member states. March 2007 – February 2009. Work package leader with a budget of €570,000 out of a total project budget of €12 million.

*ALICE: Akteurshandeln und langfristige Investitionsentscheidungen im Klimaschutz (Decision-makers’ actions and long-term investment in the protection of climate).* Principal Investigators: Bernd Siebenhüner, Anthony Patt, and Ottmar Edenhofer. Program on Economic Science for Sustainability of the German Federal Ministry of Education and Research. March 2007 – February 2010. Budget of € 589,864.

*Private sector engagement in disaster risk reduction.* Consultancy (with Joanne Linnerooth Bayer and Reinhard Mechler) for the UK Department for International Development. November – December 2006. Budget of € 9,375.

*Assessing the Value of Climate Forecast Applications in Africa.* United States National Oceanic and Atmospheric Administration Office of Global Programs. May 2006 – April 2007. Principal investigator with a budget of \$68,682.

*Biased Risk Perception as a Barrier to Successful Climate Adaptation in Africa*. Consultancy (with Dagmar Schröter) for Institutions for Climate Change Adaptation in Africa program of the World Bank Development Research Group. April – December 2006. Total project budget: \$48,470.

*Foundations, Rationales, and Representation of Human Economic Behaviour in Ecological Economics*. Hanse Wissenschafts-Kolleg. August—October 2005. Project partner with a budget of €10,000.

*Testing the Ability of Subsistence Farmers to Use Seasonal Climate Forecasts: A Participatory Approach in Zimbabwe*. United States National Oceanic and Atmospheric Administration Office of Global Programs, Human Dimensions of Global Environmental Change Research Program. August 2002–July 2005. Principal investigator with a budget of \$182,347.

*Fellowship for Climate Change Vulnerability and Adaptation Research at the Potsdam Institute for Climate Impact Research*. United States National Oceanic and Atmospheric Administration Office of Global Programs. May 2002–August 2004. Total fellowship budget of \$148,836 for salary costs and €30,000 for travel and research costs.

*Harvard Graduate Student Council*, Summer travel and research grant, Summer 1999, \$500.

*Harvard University Program for the Study of Germany and Europe*, Travel and research grant, Fall 1997, \$1,000.

*International Institute for Applied Systems Analysis*, Young Scientist Summer Program participant, summer 1997. Travel costs and living allowance totaling \$6,000 funded by the American Academy of Arts and Sciences.

*Duke University School of Law*, Merit Scholarship Recipient, 1988-91, \$20,000.

#### Participation in Environmental Assessments

*Intergovernmental Panel on Climate Change Sixth Assessment Report* (in preparation), Working Group III, Coordinating Lead Author for Chapter 14 (on international cooperation).

*Intergovernmental Panel on Climate Change Fifth Assessment Report* (2014), Working Group II, Review Editor for Chapter 14 (on adaptation needs and options).

*Intergovernmental Panel on Climate Change Fifth Assessment Report* (2014), Working Group III, Lead Author for Chapter 2 (on risks and uncertainties in climate policy), Technical Summary, and Summary for Policy-Makers.

*Intergovernmental Panel on Climate Change Fourth Assessment Report*, Working Group II (2007), Chapter 2 Contributing Author, Expert Reviewer, and US Government Expert Reviewer.

*Intergovernmental Panel on Climate Change Fourth Assessment Report*, Working Group I (2007), Expert Reviewer and US Government Expert Reviewer.

*State of the Carbon Cycle Report* (2007), Contributing Author for material on communication and decision-support.

*Intergovernmental Panel on Climate Change Third Assessment Report*, Working Group II (2001). US Government Reviewer for material covering climate change impacts in Africa.

#### Media Appearances and Productions

*Japanese National Broadcasting Service*, December 2018. Expert opinion interview concerning carbon dioxide direct air capture technology.

*KMU Rundschau*, October 2018. "Weiterkommen mit Elektromobilität."

*Blick*, May 2018. "Die Zukunft von der Elektromobilität ab."

*SKY news*, May 2018. Expert opinion interview concerning carbon dioxide direct air capture technology.

*ETH Sustainability Blog*, November 2017. "Wait and see is the wrong strategy for electric cars."

*20 Minuten*, June 2017. Expert opinion cited concerning carbon dioxide direct air capture technology.

*BBC World Service Newshour*, May 2017. Interview concerning the Swiss vote for an Energy Strategy.

*Zürich Tages Anzeiger* and *Süddeutsche Zeitung*, May 2017. "Plan B." Contributed to article written by Joachim Laukenmann on geoengineering issues for climate change.

*ETH Sustainability Blog*, October 2016. "On animal welfare, a green economy, and climate change."

*Real Climate blog*, 9 May 2016. "Recycling carbon?" Guest contribution to blog on climate science.

*Zürich Sonntagszeitung*, 29 November 2015. "Aufgeheiztes Arbeitsklima: Die Klimaerwärmung hat dramatische Folgen für die Weltwirtschaft. Ideal wären eigentlich 13 Grad." Insights quoted with respect to scientific findings on the costs of climate change.

*ETH Sustainability Blog*, November 2015. "Will the Paris agreement matter for climate change?."

*Zürich Tages Anzeiger*, Analyse, October 2015. "Das Problem des Klimagipfels."

*ETH Sustainability Blog*, October 2015. "Will technology solve climate change?"

*ETH Sustainability Blog*, May 2015. "Of batteries and fuel cells."

*10 vor 10, SRF 1*. Interview on the role of solar energy in the transportation sector, broadcast during evening news magazine. March 2015.

*Polityblog* of the *Zürich Tages Anzeiger*. "Energiesteuern verfehlen den Ziel." February 2015. Author of Op-Ed article on the proposed Swiss energy tax.

*ETH Sustainability Blog*, January 2015. "Small country, big impact."

*Süddeutsche Zeitung* and numerous English and German language internet news outlets, August 2014. Articles reporting on findings concerning the reliability of desert solar power networks, appearing in *Nature Climate Change*.

*ETH Sustainability Blog*, October 2013. "The Sense of Sustainability."

*ETH Climate Blog*, October 2013. "Was bedeutet der IPCC-Bericht für die Klimapolitik?" (in German). Reprinted in English on *IIASA Research Blog Nexus* as "What does the IPCC report mean for climate policy?"

*Salzburger Nachrichten*, February 2013. Article reporting on the findings of the importance of education in reducing vulnerability to natural hazards.

*Der Standard* (Vienna), September 2012. Article reporting on receipt of European Research

Council €1.5 million starting grant for research project: Social challenges of trans-Mediterranean renewable energy cooperation.

*National Public Radio and WCAI* (Falmouth, Massachusetts), May 2012. Interviewed for a half-hour segment of the talk radio show "The Point," for broadcast July 2012, on climate policy and developing countries.

*Public Service Europe*, 19 April 2012. Invited opinion article published: "Green tech could mean that global climate deal is not needed," by Anthony Patt and Johan Lilliestam.

*Süddeutsche Zeitung* (Munich) and a large number of online news sources, May and June 2011. News articles reporting on the findings of a report in progress made towards 100% renewables in Europe and North Africa.

*Der Standard* (Vienna), February 2011. Opinion article "Was wir vom 'Fall Guttenberg' lernen können" (What we can learn from the case of Guttenberg) published in commentary section, 26 February 2011, page 31.

*Austrian National Broadcasting (ORF, FM4)*, April 2010. Radio interview recorded and broadcast on the findings of report on 100% renewable electricity for Europe and North Africa.

*The Telegraph* (London), *Die Presse* (Vienna) and multiple environment and business websites, March and April 2010. News articles reporting on the findings of report on 100% renewable electricity for Europe and North Africa.

*Austrian National Broadcasting (ORF)*, *Der Standard* (Vienna), *SciDev.net*, January 2010. News articles presenting results of estimation of least developed countries' vulnerability, as reported in Proceedings of the National Academy of Sciences.

*The Independent* (London), September 2009. Results on the potential for linking North African and European electricity networks to achieve greater renewable power penetration cited in "Johann Hari: Collapse or survive: the stark choice facing our species." Commentary reprinted on multiple news websites worldwide.

*Climate Thinkers Blog*, July 2009. Editorial published on the Government of Denmark's webpage for the United Nations Climate Change Conference, <http://cop15.dk>. Title of editorial: "Unlocking the climate change problem."

*Sunday Times* (London), July 2009. Quotes from interview published in article on the potential for linking North African and European electricity networks to achieve greater renewable power penetration.

*Deutschland Rundfunk* (German Public Radio), June 2009. Interview broadcast and published online on the potential for linking North African and European electricity networks to achieve greater renewable power penetration.

*The Times* (London), *Guardian*, *Daily Telegraph*, *Scientific American*, and others, March 2009. Conference presentation and interview published on the potential for linking North African and European electricity networks to achieve greater renewable power penetration.

*Der Standard* (Vienna), October 2007. Interview published on barriers to climate change adaptation in Africa.

*Associated Press* and *Boston University Today*, February 2007. Full interview published in *Boston University Today*, with pieces distributed by Associated Press and published in numerous United States newspapers, on the findings of the Intergovernmental Panel on Climate Change Working Group I Fourth Assessment Report.

*Associated Press, New York Times, Washington Post, Los Angeles Times* and others, August 2005. Research findings “Effects of seasonal climate forecasts and participatory workshops among subsistence farmers in Zimbabwe” reported on in short articles.

*BBC World Service, Science in Action*, London, August 2005. Invited radio show guest to discuss research findings “Effects of seasonal climate forecasts and participatory workshops among subsistence farmers in Zimbabwe.”

Talking about the Weather: A Seasonal Climate Forecasting Workshop in Zimbabwe (2004). A seven-minute video production documenting the use of seasonal climate forecasts by subsistence farmers. Produced by Anthony Patt (filmed by Dagmar Schröter and Julia Jaeger) for use by the National Oceanic and Atmospheric Administration’s Human Dimensions of Global Environmental Change Program.

*Süd-West-Radio Forum* (South West Germany Public Radio Forum), Mainz, Germany, May 2004. Invited talk show panelist on the theme: “Horror im Treibhaus: Was sucht der Klimawandel auf der Kino-Leinwand?” (Horror in the greenhouse: what’s climate change doing on the silver screen?) concerning the treatment of climate change in the Hollywood film “The Day After Tomorrow”.

#### Review and Editorial Positions

*Frontiers in Environmental Research*, Editorial Board Member, 2013 – present.

*Climate and Development* (Taylor and Francis), Senior Editor, 2008 – 2017.

*Regional Environmental Change* (Springer), Senior Editor, 2005 – 2015.

*Global Environmental Change* (Elsevier), Editorial Board Member, 2006 – present; guest editor 2012.

Ad hoc Manuscript Peer Reviewer, journals and publishers including: *Science; PNAS; Nature; Energy Policy; Oxford University Press; Global Environmental Change; Climatic Change; Ecological Economics; Bulletin of the American Meteorological Society; Environmental Management; Mitigation and Adaptation Strategies for Global Change; Geosciences; Agricultural Systems; Science and Public Policy; Australian Journal of Agricultural Research; Area; Journal of Applied Meteorology and Climatology; International Journal of Global Warming; Environmental Science and Policy; Wiley Interdisciplinary Reviews of Climate Change; Regional Environmental Change; Climate and Development.*

Ad hoc Grant Proposal Peer Reviewer, funding agencies including: UK Climate and Development Knowledge Network; US National Oceanic and Atmospheric Administration; US National Science Foundation; Natural Sciences and Engineering Research Council of Canada; UK National Environmental Research Council; UK Economic and Social Research Council; Finnish National Academy of Sciences; Swiss National Science Foundation; European Commission DG Research; Research Council of Norway; European Research Council.

*Ad Hoc* Performance and Promotion Reviewer. University of Sussex; National Research Foundation of South Africa; University of Zurich.

Abstract Reviewer, 2002 and 2007 Berlin Conferences on the Human Dimensions of Global Environmental Change, German Political Science Association.

#### Invited Lectures and Presentations

Institute for Science, Technology and Policy, ETH Zürich, September 2018. Invited talk: “Climate policy and theories of social change.”

Infras Consulting, Zürich, August 2018. Invited talk: "Climate policy and theories of social change."

Julius Bär, Bern, May 2018. Invited talk: "E-Mobilität und Klimaschutz."

Julius Bär, Zürich, May 2018. Invited talk: "E-Mobilität und Klimaschutz."

EURResearch, Bern, April 2018. Invited talk: "Transdisciplinarity in H2020."

Paul Scherer Institute, Villigen, Switzerland. March 2018. Invited talk: "Finding quick and easy solutions to climate change."

Princeton University Science Technology and Policy (STEP) Program Seminar Series, Princeton, New Jersey, October 2017. Invited presentation: "Solving climate change as a co-benefit."

Austrian Academy of Sciences, Vienna, October 2017. Invited presentation and discussion on participation on the IPCC assessment reports.

40<sup>th</sup> Anniversary of the Young Scientists Summer Program, International Institute for Applied Systems Analysis, Laxenburg, Austria, June 2017. Invited keynote comments: "Social science, models, and risk analysis."

European Campus of Excellence Summer School on Energy and Mobility, Zürich, June 2017. Invited lecture: "Framework for analyzing climate change, energy, and mobility."

Research Seminar Series, Center for Research on Environmental Decisions, Columbia University, New York, October 2016. Invited presentation: "Decision-models and climate change."

European Power Networks, Olten, Switzerland, October 2016. Invited presentation: "Klimaschutz."

Energie Österreich Trend Forum, Vienna, November 2015. Invited keynote: "Klimaschutz und Energie."

Advisory Board Meeting, ETH Department of Environmental Systems Science, Zürich, November 2015. Invited presentation on climate mitigation policy and the Swiss energy system.

Transforming Human-Environment Systems Summer School, Humboldt University, Berlin, September 2015. Lecture: "An undisciplined approach to studying human-environment systems."

Sustainability in Education Seminar, University of Zurich, August 2015. Lecture: "Perspectives from climate science."

ETH Introductory Lecture Series, Zürich, November 2014. Lecture: "Klimapolitik und Innovation."

Swiss Federal Water Research Institute (EAWAG) Seminar Series, Dübendorf, September 2014. Invited lecture: "Water, weather, and renewable energy."

Institute for Atmosphere and Climate Colloquium, ETH Zürich, September 2014. Invited lecture: "Weather dependent solar electricity production, and whether it matters."

Institute for Human-Environment Systems, Humboldt University, Berlin, June 2014. Invited lecture: "Solving climate change with innovation and co-benefits."

Presentation of the IPCC Fifth Assessment Report, University of Fribourg, May 2014. Lectures: "Adaptation needs, options, constraints and limits" and "Framing the climate mitigation problem."

Public lecture on the IPCC Fifth Assessment Report, University of Zurich, April 2014. Lecture: "Szenarien im IPCC WGIII Bericht" (in German).

Institute for Aceh and Indian Ocean Studies, Banda Aceh, Indonesia, November 2013. Lecture: "The human element of hazard early warning systems."

Earth Observatory of Singapore Lecture Series, Nanyang Technological University, November 2013. Lecture: "The human element of hazard early warning systems."

Swiss Energy and Climate Summit, Bern, Switzerland, September 2013. Lecture: "Climate adaptation."

International Institute for Applied Systems Analysis, Young Scientists Summer Program, June 2013. Lecture: "How to write a research article in a day."

Potsdam Institute for Climate Impact Research, PhD symposium. May 2013. Keynote lecture: "Uncertainty and the limits of science' value to policy."

University of Bayreuth, lecture series on human rights and the United Nations, December 2012. Lecture: "International environmental treaties."

Swiss Federal Institute of Technology, Department of Environmental Systems Science, Zurich, October 2012. Presentation: "Solving climate change as a co-benefit."

SENSE Autumn School on Dealing with Uncertainties, Utrecht, Netherlands, October 2012. Lecture: "Communicating the uncertainties that matter to make them matter."

Renewable Energy Finance in Practice 2012, Vienna, May 2012. Lecture: "Moving towards 100% renewable power in Europe: policy challenges and ongoing progress."

Woods Hole Oceanographic Institution Morse Colloquium, Woods Hole, Massachusetts, May 2012. Presentation: "Extreme weather, climate change, and international development."

IIASA Junior Researchers Research Seminar, Laxenburg, Austria, November 2011. Presentation: "Zen and the art of writing a scientific research article."

Mid-term workshop of the National Nature Science Foundation of China (NSFC) and IIASA joint project on assessing the impact of climate change and intensive human activities on China's agro-ecosystem and its supply potentials, Laxenburg, Austria, November 2011. Presentation: "Managing extreme event risks: insights from European and developing countries."

Renewable Energy Finance in Practice 2011, Vienna, September 2011. Lecture: "Moving towards 100% renewable power in Europe: policy challenges and ongoing progress."

Czech Parliament, seminar on proposed renewable energy legislation, September 2011. Presentation: "Measuring progress towards 100% renewable electricity in Europe and North Africa by 2050."

Young Scientist Summer Program summer lecture series, International Institute for Applied Systems Analysis, Laxenburg, Austria, August 2011. Presentation: "Applying systems analysis for climate governance."

Sustainability lecture series, University of Life Science, Vienna, May 2011. Presentation: "Beyond Kyoto: solving climate change without a carbon tax, global treaty, or change in lifestyles."

Climate System Analysis Group Seminar Series, University of Cape Town, South Africa, January 2011. Presentation: "Perspectives on climate change adaptation."

NCCR Climate Summer School, Grindelwald, Switzerland, August 2010. Presentation: "Responding to climate change and variability."

Department of Geography, Ludwig-Maximilian University, Munich, June 2010. Seminar presentation: "Climate change and development."

NICE Spring School on improving our communication about climate change science, impact, and adaptation, Giens, France, June 2010. Presentation: "Communicating uncertain science of global change to policy-makers."

Institute for Development Studies, University of Sussex, United Kingdom, May 2010. Seminar presentation: "Climate change and development."

Alternet Summer School, Peyresq, France, September 2009. Presentation: "Communicating the science of global change to policy makers."

SENSE Summer School on Global Change Modeling, University of Wageningen, Netherlands, September 2009. Presentation: "Communicating uncertainty of global change."

Alternet Summer School, Peyresq, France, September 2008. Presentation: "Social science insights on ecosystem services."

Concord Academy, Concord, Massachusetts, June 2008. Presentation: "Climate change and renewable energy."

Institute of Geography, University of Berne, Berne, Switzerland, April 2008. Presentation: "Decision-making, environmental policy, and economic geography."

Adapting community risk and vulnerability analyses for climate change (AdaptCRVA) project kickoff conference, Trondheim, Norway, January 2008. Presentation: "Risk perception and communication."

NATO Advanced Studies Institute on Uncertainty in Environmental Modeling, Vrsar, Croatia, October 2007. Presentation: "Communicating uncertainty as consensus or conflict."

Alternet Summer School, Peyresq, France, September 2007. Presentation: "Communicating to policy-makers."

NCCR Climate Summer School, Grindelwald, Switzerland, August 2007. Presentation: "Reducing vulnerability to climate change and variability."

IIASA Young Scientists Summer Program Lecture Series, Laxenburg, Austria, June 2007. Presentation (with Reinhard Mechler): "Are adaptation and mitigation complements or substitutes, and why should you care?"

SENSE Summer School on Global Change Modeling, University of Wageningen, Netherlands, May 2007. Presentation: "Communicating Uncertainty of Global Change."

Symposium on IIASA and South African Research, Pretoria, April 2007. Presentation: Climate Risk Management: Case Studies from Southern Africa.

Red Cross of Mozambique National Headquarters, Maputo, September 2006. Presentation: Mudanças Climáticas em Moçambique (Climate Change in Mozambique, presentation in English and Portuguese).

University of Edinburgh, School of GeoSciences, Edinburgh, April 2006. Presentation: "Research on rural vulnerability to climate change: a focus on decision-making."

University of Zurich Department of Geography, Zurich, March 2006. Presentation: "Saisonale Klimavorhersagen und nachhaltige Entwicklung: Ergebnisse eines Pilotprojektes in Simbabwe" (Seasonal climate prediction and sustainable development: results from a pilot project in Zimbabwe, presentation in German).

Centre for International Climate and Environmental Research, Oslo, March 2006. Presentation: "Communication strategies to assist rural adaptation to climate change."

Eidgenössische Technische Hochschule Zürich (Swiss Federal Institute of Technology), Zurich, August 2005. Presentation: "Effects of seasonal climate forecasts among subsistence farmers in Zimbabwe."

Hanse Wissenschaftskolleg Seminar Series, Delmenhorst, Germany, August 2005. Presentation: "Effects of seasonal climate forecasts among subsistence farmers in Zimbabwe."

International Research Institute for Climate Prediction, Roundtable seminar series, New York, July 2005. Presentation: "Measuring the value of climate forecasts to subsistence farmers."

Center for Research in Environmental Decision-Making, Columbia University, New York, July 2005. Presentation: "Aligned incentives, accountability, and the use of expert advice."

Kennedy School of Government Behavioral Economics Research Seminar, Cambridge, Massachusetts, April 2005. Presentation: "Aligned incentives, accountability, and the use of expert advice."

Clark University Department of Geography, Worcester, Massachusetts, February 2005. Presentation to masters' level seminar on risk and hazards. Presentation: "Learning from behavioral economics for risk and hazards theory."

University of Connecticut Department of Geography, Storrs, Connecticut, November 2004. Presentation: "Measuring use of climate information by subsistence farmers."

School for Field Studies, South Caicos Island, Turks and Caicos Islands, October 2004. Presentation: "Measuring use of climate information by subsistence farmers."

Democrats Abroad Berlin Chapter, Berlin, Germany, May 2004. Invited speaker to American Ex-Patriot Community. Presentation: "United States Environmental Policy under George W. Bush?"

University of Potsdam Seminar Series on Vulnerability Assessment, Potsdam, Germany, May 2004. Invited speaker in seminar series. Presentation: "Economic Analysis in Vulnerability Assessment" (Presentation in German).

United States Pony Club National Youth Congress, Philadelphia, January 2004. Presentation: "Managing life choices with risk and uncertainty."

Potsdam Institute for Climate Impact Research EVA Seminar Series, Potsdam, Germany, November 2003. Presentation: "Trust me: the effect of economic incentives on advisors' credibility."

Harvard University Center for International Development, Cambridge, October 2003. Seminar discussant: "Evolution of the Climate Outlook Forum Process."

Lange Nacht der Wissenschaften, Jahr der Wissenschaft Potsdam 2003, Potsdam, Germany, June 2003. Presentation: "El Niño, Simbabwe, und die Nutzung von Klimavorhersagen im Entscheidungsprozess von Bauern." (El Niño, Zimbabwe, and farmers' use of climate forecasts in the decision-making process, presentation in German)

Swiss Federal Institute for Environmental Science and Technology, Zürich, Switzerland, February

2003. Presentation: "Present-biased behavior, resource use, and agent-based modeling."

Sustainable Asset Management, Zürich, Switzerland, February 2003. Presentation: "Behavioral economic predictors of unsustainable investment."

K.E.R.N. Project Research Group, Christian Albrecht Universität, Kiel, Germany, November 2002. Presentation: "Agent-based modeling of adaptive capacity."

National Oceanic and Atmospheric Administration Office of Global Programs, Silver Spring, Maryland, USA, October 2002. Presentation: "Adapting to Climate Change in an Imperfect World."

National Institute for Public Health and the Environment, Bilthoven, The Netherlands, September 2002. Presentation: "Adapting to Climate Variability."

Potsdam Institute for Climate Impact Research PIRSIQ Seminar Series, Potsdam, Germany, August 2002. Presentation: "Translating Language and Numbers to Describe Climate Change Risks."

Potsdam Institute for Climate Impact Research EVA Seminar Series, Potsdam, Germany, August 2002. Presentation: "Assessing and Communicating Drought Vulnerability in Rural Zimbabwe."

Boston University Graduate Program in African Studies, Boston, March 2002. Presentation: "Field Research Methods in Africa: Examining the Usefulness of Seasonal Forecasts in Zimbabwe."

Johns Hopkins University Center for Talented Youth: Explorations in Environmental Science and Policy, Boston, November 2001. Panel participant: "After college, career options in the environment."

Boston University First Year Student Outreach Project Orientation, Boston, August 2001. Presentation: "Worrying about the environment."

Boston University Center for Energy and Environmental Studies Faculty Lecture Series, Boston. April 2001. Presentation: "Seasonal forecasting in Zimbabwe."

Boston University African Studies Center Rodney Lecture, Boston, March 2001. Presentation: "Can African farmers use seasonal climate forecasts?"

Designing Effective Assessments, Copenhagen, March 2001. Invited participant in workshop organized by the European Environmental Agency and the Global Environmental Assessment Project at Harvard University.

Harvard University and Massachusetts Institute of Technology Civic Environmentalism Roundtable Lecture Series, Cambridge, Massachusetts, February 2001. Discussant for topic: "Civic Environmentalism and the Pursuit of Sustainable Communities."

WebNoize Venture Forum, New York, September 2000. Presentation: "Investor Psyche: Decision Making Pathologies for Digital Music Investors"

Kennedy School of Government Environmental Economics Seminar Series, Cambridge, Massachusetts, February 2000. Presentation: "Impact demonstration bias."

Princeton University Program in Science, Technology, and Public Policy Seminar Series, Princeton, New Jersey. April 1999. Presentation: "Decision-making biases for environmental policy"

Conferences and Workshops

Workshop on innovation in climate mitigation and adaptation policy, Norwegian National Technical University, Trondheim, October 2018. Invited talk: "Climate policy and theories of social change."

Annual Conference of the Swiss Competence Center for Energy Research (Supply of Electricity), Zürich, September 2017. Invited presentation: "The dependency of Swiss hydropower and deep-geothermal profitability on renewable energy investment patterns in neighboring countries."

Ethics and Morals in Environmental Policy, Utrecht, February 2017. Invited presentation: "A case against carbon taxes."

Our Common Future Under Climate Change, Paris, July 2015. Invited keynote presentation in session on urban climate mitigation challenges: "Cities and climate mitigation."

1<sup>st</sup> Fachkongress Energie&Bauen, St. Gallen, May 2015. Invited keynote presentation: "Gebäudepark und Energiesysteme von morgen: Welche Herausforderungen und Chancen stecken in den Klimazielen?"

16<sup>th</sup> Swiss Global Change Day, Bern, March 2015. Invited keynote presentation: "Is mitigation policy trapped in the wrong paradigm?"

Geo-X Conference: Natural Hazards, Georisks, and Globalization, Free University of Berlin, March 2015. Invited keynote presentation: "Global Challenges for Georisk Management."

Sustainability days of the Zurich Universities, ETH Zurich, March 2015. Invited participant in podium discussion on the responsibility of universities in the energy transition.

Energieversorgung 2050: Integration oder Inseldenken, Energy Science Centre, ETH Zürich, December 2014. Invited keynote address: "Versorgungssicherheit durch Autarkie?" Participant in podium discussion panel.

Sustainability Science Conference, International Alliance of Research Universities, Copenhagen, October 2014. Co-organizer of conference sessions on "Energy in a Resource Constrained World."

Klimarunde 2014, Center for Climate System Modeling and Energy Science Centre, ETH Zurich, November 2014. Coordinator of informal discussion group on energy innovation, and keynote presentation: "Forschen, Wissen, Handeln: Sind wir für die Zukunft und Klimawandel gut gerüstet?"

Forum Alpinum, Darfo Boario Terme, Italy, September 2014. Invited keynote presentation: "Sustainable energy production."

International Workshop on Earthquake Forecasting and Risk Management, Varenna, Italy, June 2014. Invited presentation: "Risk communication when you understand that your audience is about as smart as you are."

ADVANCE project expert workshop on integrated assessment modeling and uncertainty, Fondazione Eni Enrico Mattei, Milan, Italy, May 2014. Invited presentation: "Instrument effectiveness and uncertainty: a review of model and empirical results."

CIPRA Alpine Dialogue on the Alps and the energy transition, Lucerne, Switzerland, October 2013. Invited keynote: "The changing role of hydro-power and storage."

Klimarunde 2013, Center for Climate System Modeling, ETH Zurich, October 2013. Coordinator of informal discussion group on links between science and policy, and member of podium discussion group.

Swiss – Austrian conference on mountain research and research for protected areas, Mittersill, Austria, June 2013. Invited keynote: “Research for sustainable communities.” Session organizer: “The changing role of mountain hydropower in the context of a European energy transition.” Presentation within session: “The forest, not the trees, of the European energy transition.”

Social Challenges to Trans-Mediterranean Renewable Power Cooperation, Laxenburg, Austria, May 2013. Organizer of workshop involving European and North African researchers and stakeholders to identify critical research questions.

Second Nordic International Conference on Climate Change Adaptation, Helsinki, August 2012. Invited keynote presentation: “Framing adaptation research to support decision-making.”

The ocean and Earth’s changing water cycle, Woods Hole Oceanographic Institution, Massachusetts, May 2012. Invited presentation: “Challenges faced by developing country decision-makers.”

Planet Under Pressure, London, March 2012. Presentations: “Perceptions of barriers for expansion of electricity grids in the European Union” (presented by Nadejda Komendantova) and “Adaptation to climate variability and the role of access to crop insurance as a social protection measure: insights from India” (presented by Architesh Panda). Poster: “Can a large-scale deployment of concentrating solar power supply clean and reliable baseload electricity?” (presented by Stefan Pfenninger; winner of NASA poster of the day award and Elsevier young presenter award).

Exploring causalities: the societal effects of climate change, Copenhagen, January 2012. Invited presentation: “Adaptation problem types: real and imagined.”

From national adaptation strategies to concrete adaptation actions, Vienna, October 2011. Conference sponsored by the CIRCLE 2 project. Chair of workshop session on governance strategies.

Tropentag, University of Bonn, Germany, October 2011. Invited keynote presentation: “Vulnerable people.”

Getting real: concrete thinking on an integrated methodology and common platform, Samerberg, Germany, September 2011. Organizer of three day workshop to guide methodological and empirical research on adaptation within the MEDIATION project.

Hartwell House II workshop on climate policy, Buckinghamshire, England, April 2011. Participant and facilitator of discussion group on climate adaptation policy.

IIASA Regional Workshop, Cape Town, South Africa, January 2011. Presentation: “Risk, governance, and climate change.”

Mainstreaming disaster risk reduction into development strategies, Ahmedabad, India, January 2011. Workshop hosted by the Sardar Patel Institute of Economic and Social Research. Presentation: “Enhancing climate change adaptive capacity.”

Bonn Symposium 2010: New sources of energy, new conflicts? Bonn, Germany, December 2010. Workshop sponsored by the Development and Peace Foundation. Invited presentation: “European power grid requirements for renewable energy.”

Living in a low carbon society, Brussels, Belgium, November 2010. Workshop sponsored by Atomium Culture. Member of working group on the economics of decarbonization.

Workshop on CCIVA uncertainties, workshop sponsored by CIRCLE 2 Project, Stockholm, November 2010. Presentation: “Measuring the effects of communicating climate change uncertainty.”

Renewable energy in North Africa: a policy roadmap for 2050, Hammamet, Tunisia, June 2010. Co-organizer of joint IIASA – WWF workshop.

Vienna Business School Futures Conference, Eisenstadt, Austria, May 2010. Participant in panel discussion on green markets.

Joint ICTP-IAEA workshop on the vulnerability of energy systems to climate change and extreme events, Trieste, Italy, April 2010. Keynote presentation: “Solar energy: vulnerability to extreme events.”

Transforming the energy system: investment risks and policy challenges, Potsdam, Germany, March 2010. Co-organizer of conference and presenter of one of three introductory keynote presentation to initiate discussion.

Strategic Choices for Renewable Energy Investment, St. Gallen, Switzerland, February 2010. Presentation: “Perceived risk associated with solar power investment in North Africa, the ways to reduce it, and the benefits of doing so” (with N. Komendantova).

Workshop on governance for energy transitions, Lund, Sweden, December 2009. Workshop sponsored by the University of Lund and Atomium Culture. Member of working group on policies for grid development and integration.

Participatory Scenario Development, Maputo, Mozambique, August 2009. Co-organizer of workshop as part of the World Bank’s Economics of Adaptation to Climate Change study. Presentation at workshop: “Impacts of climate change in Mozambique.”

Participatory Scenario Development, Xai Xai, Mozambique, July 2009. Co-organizer of workshop as part of the World Bank’s Economics of Adaptation to Climate Change study. Presentation at workshop: “Impacts of climate change on Mozambique.”

Global Environmental Change and Human Security Synthesis Conference, Oslo, June 2009. Plenary panel presentation on human security and policy, chair of parallel session Limits to Adaptation, with presentation: “Adaptation decision support: in search of clumsy solutions.”

Participatory Scenario Development Workshop, Accra, Ghana, June 2009. Guest facilitator in workshop organized as part of the World Bank’s Economics of Adaptation to Climate Change study.

Living with climate futures: beyond limits to adaptation towards transformations in practice, Oxford, June 2009. Workshop co-organized by Environmental Change Institute Oxford, Stockholm Resilience Centre, Reading University, and the Walker Institute. Discussant for session on missing resources for transformations.

International Human Dimensions Programme Open Meeting, Bonn, April 2009. Presentation: “When do least developed countries most need international financial assistance for climate change adaptation?”

Super Grid and Concentrated Solar Power Options: Finance Workshop, London, April 2009. Workshop organized by PriceWaterhouseCoopers and the Carbon Markets Industry Association. Presentation: “Risk? What risk.”

International Scientific Congress on Climate Change, Copenhagen, March 2009. Co-chair of conference session on “Measuring adaptation to climate change,” poster presentation (with Patrick Nussbaumer) on “Climate vulnerability in Mozambique: scenarios to 2060,” and oral presentation on “Importing power from the desert: if it’s such a great idea, why aren’t we doing it already?”

14th Conference of the Parties to the United Nations Framework Convention on Climate Change, Poznan, Poland, December 2008. Side event on the comparability of mitigation efforts in Annex I countries, presentation: "Comparison of mitigation efforts: access to more information."

Linking North Africa's Renewable Energy Resources to Europe: Policy Challenges, International Institute for Applied Systems Analysis, Laxenburg, Austria, November 2008. Co-organizer of workshop with 30 participants, editor of background paper, facilitator for breakout group and plenary discussion.

Technical Issues in Index Insurance, International Research Institute for Climate and Society, Columbia University, New York, October 2008. Leader of chapter writing team and presenter: "Helping potential market participants understand index insurance: challenges and strategies."

Tällberg Forum, Tällberg, Sweden, June 2008. Invited participant in Forum, and contributor to "redesigning workshop" on a Zero Carbon Energy System.

German-Italian Cooperation for the Development of Renewable Energies in the Mediterranean, Berlin, March 2008. Invited participant to workshop on overcoming barriers to the generation and transport of electricity between the Middle East, North Africa, and Europe.

Living with climate change: are there limits to adaptation? Royal Geographical Society, London, February 2008. Presentation: "Should we spend adaptation funds to improve the use of seasonal climate forecasts, and if so, how?"

Wirtschaftswissenschaften für Nachhaltigkeit (Economics for Sustainability), German Federal Ministry for Education and Research, Bonn, December 2007. Leader of sub-workshop on synthesis research on innovation and sustainability.

IIASA 35th Anniversary Conference, Vienna, November 2007. Plenary presentation: "Managing climate risks for security and development."

Risk 07, Lower Austrian Civil Protection Agency, Tulln, Austria, November 2007. Keynote presentation: "Klimawandelrisiko Kommunizieren" (Communication climate change risk, presentation in German).

Why we will need adaptation and how can it be implemented, Centre for European Policy Studies, Brussels, October 2007. Invited participant and co-author of background paper.

Strategien zur gemeinsamen institutionellen Forschung in den Alpen ("Strategies for collaborative institutional research in the Alps"), Igls, Austria, September 2007. Invited participant in workshop to identify funding strategies for joint Austrian / Swiss alpine research funding.

United Nations Framework Convention on Climate Change workshop on adaptation planning and practices under the Nairobi work programme on impacts, vulnerability, and adaptation to climate change, Rome, September 2007. Capacity building breakout group facilitator and rapporteur.

ADAM / DG Env workshop on European climate strategies, Brussels, June 2007. Presentation: "4 ADAM adaptation activities, 4 provocative concepts on adaptation, and 3 questions for DG Env."

The Role of Mountains in a Climate of Change, Obergurgl, Austria, May 2007. Invited participant and working group leader in workshop by the University of Innsbruck and the Austrian Federal Ministry for Research.

19th Climate Outlook Forum for the Greater Horn of Africa, Nairobi, March 2007. Presentation: "Assessment of climate information applications in Africa."

Task Force on Assessing Costs and Benefits of Climate Change Mitigation and Adaptation, Bilthoven, Netherlands, February 2007. Participant in initial meeting and workshop of task force.

Presentation: "4 brief thoughts on adaptation costs."

Local Impacts of Climate Change, Leibnitz, Austria, January 2007. Invited participants and working group leader in workshop by the Wegener Centre for Climate Research (University of Graz) and the Austrian Federal Ministry for Research.

Catalyzing Change in the Energy Sector, Santa Fe, January 2007. Invited participant in workshop organized by Santa Fe Institute and National Renewable Energy Laboratory.

Fifth Development and Adaptation Days, Nairobi, November 2006. Presentation: "Applying meteorological data and climate forecasts to decision-making." European Union Side Event on Mitigation and Adaptation, 12th Conference of the Parties to the United Nations Framework Convention on Climate Change, Nairobi, November 2006. Presentation: "Financing catastrophic risk, developing a climate safety net, and managing impacts of climate variability."

10th Southern African Regional Climate Outlook Forum, Gaborone, Botswana, September 2006. Presentation: "NOAA Assessment of Climate Forecast Applications in Africa." Users' working group roundtable discussion organizer and leader.

18th Climate Outlook Forum for the Greater Horn of Africa, Nairobi, August – September 2006. Presentation: "Assessment and analysis of climate forecast applications research in Africa."

Junior Faculty Forum, National Center for Atmospheric Research, Boulder, Colorado, August 2006. Presentation: "Communicating uncertainty."

9th Seasonal Climate Outlook Forum and its Applications in West Africa, Niamey, Niger, May 2006. Presentation: "Assessment and analysis of climate forecast applications research in Africa." Working group leader.

Adaptação as Mudanças Climáticas e Gestão de Desastres (Adaptation to Climate Change and Disaster Management), a workshop sponsored by the Red Cross of Mozambique, the Red Cross / Red Crescent Climate Centre, and the World Bank Development Economics Research Group, Maputo, Mozambique, May 2006. Co-organizer of workshop, facilitator, and presenter of introductory remarks: "Adaptação ao clima e desenvolvimento: desafios e oportunidades para a Cruz Vermelha e outras organizações" (Climate adaptation and development: challenges and opportunities for the Red Cross and other organizations).

Climate Change, Upwelling, Fisheries, and Coastal Communities, a workshop sponsored by the International Centre for Theoretical Physics and the International Institute for Applied Systems Analysis, Trieste, Italy, March 2006. Presentation: "Design of early warning communication strategies to reduce vulnerability."

Foundations, Rationales, and Representation of Human Economic Behaviour in Ecological Economics Research Workshop, Hanse Wissenschaftskolleg, Delmenhorst, Germany, October 2005. Presentation: "Driving down mitigation costs with induced innovation and carbon sequestration: behavioral constraints for an empirical investigation."

Sixth Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Bonn, October 2005. Presentation: "Sources of climate change uncertainty and differential responses to assessed likelihood."

Foundations, Rationales, and Representation of Human Economic Behaviour in Ecological Economics Research Workshop, Hanse Wissenschaftskolleg, Delmenhorst, Germany, September 2005. Presentation: "First you gotta believe: multiple equilibrium and the role of expectations on induced technological change for greenhouse gas mitigation" (with Ottmar Edenhofer)

Annual International Meeting of the Economic Sciences Association, Montréal. June 2005.

Presentation: "Aligned incentives, accountability, and the use of expert advice." Discussant for paper: "Do people in developing countries listen to the West too much (or too little): evidence from an experiment with Thai students."

Coping with Uncertainty, Laxenburg, Austria. December 2004. Conference convened at the International Institute for Applied Systems Analysis. Presentation "Communicating probabilities with numbers and words: pitfalls and biases."

Utrecht University Copernicus Institute for Sustainable Development and Innovation, Utrecht, Netherlands. December 2004. Expert meeting on uncertainty communication. Presentation: "Issues with the IPCC Uncertainty Scale."

Climate Forecast Applications Workshop, International Union for the Conservation of Nature Southern African Office, Harare, Zimbabwe, September 2004. Co-organizer of workshop on the application of seasonal climate forecasts to agricultural decision-making. Presentation: "Observed value of seasonal climate forecasts among subsistence farmers, 2000–04."

Workshops on El Niño, Climate Prediction, and Farming Decisions, Mhakwe and Tiya, Zimbabwe, September 2004. Organizer and facilitator for workshops relating seasonal climate forecasts to local decision-making.

Southern African Regional Climate Outlook Forum, Harare, Zimbabwe, September 2004. Invited presentation: "Observed value of seasonal climate forecasts among subsistence farmers, 2000– 04."

Second International Conference on Climate Impact Assessment, Grainau, Germany, June 2004. Panel session member on "Vulnerability and sustainability." Paper presented: "The value of seasonal climate forecasts for subsistence farmers: recent empirical findings."

Environmental Vulnerability Assessment Stocktaking and Scoping Workshop, Potsdam, Germany, May 2004. Co-organizer of scoping workshop for an edited book on vulnerability research and assessment.

Intergovernmental Panel on Climate Change Workshop on Describing Scientific Uncertainty in Climate Change to Support Analysis of Risk and Options, Maynooth, Ireland, May 2004. Experts' meeting to support cross cutting theme on uncertainty in the IPCC Fourth Assessment Report. Presentation: "Communicating probabilities with words: potential pitfalls and biases."

Foundations, Rationales, and Representations of Human Economic Behavior, Delmenhorst, Germany, April 2004. Startup workshop for the research group "Theories and applications of ecological economics", Universität Oldenburg. Presentation: "Behavioral economics and modeling."

Ninth Conference of the Parties to the United Nations Framework Convention on Climate Change, Milan, December 2003. Member of delegation from the Potsdam Institute for Climate Impact Research; participant in the Research and Independent Non-Governmental Organization body.

Insights and Tools for Adaptation: Learning from Climate Variability, Washington DC, November 2003. Meeting convened by the National Oceanic and Atmospheric Administration. Background paper prepared: "Communication for Adaptation: Participation and Institutions."

Fifth Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Montréal, October 2003. Paper presented: "Trusting Information." Panel session organizer and chair: "Adaptive Capacity: Toward a Useful Theory."

Workshops on El Niño, Climate Prediction, and Farming Decisions, Mhakwe, Tiya, Mafa, and Mkoka, Zimbabwe, September 2003. Organizer and facilitator for workshops relating seasonal

climate forecasts to local decision-making.

Southern African Regional Climate Outlook Forum, Lusaka, Zambia, September 2003.  
Presentations: "Climate forecasts, scientific information, and subsistence farming"; "Interpreting Tercile Forecasts". Session rapporteur.

Association of American Geographers, 2003 Annual Meeting, New Orleans, March 2003.  
Presentation: "Building relationships of trust in forecast communication: lessons from Zimbabwe."

2002 TOPIK Days, Potsdam Institute for Climate Impact Research, Potsdam, Germany, December 2002. Presentation: "Magenta: Modeling Agents' Adaptation."

Berlin Conference on the Human Dimensions of Global Environmental Change, Berlin, December 2002. Presentation: "Too Much Caution? Forecast Communication in Zimbabwe." Session moderator.

Expert Workshop on Climate Change and the Financial Sector, Cologne, Germany, November 2002. Invited participant.

Human Dimensions of Global Change Principal Investigators Meeting, Seabrook Island, South Carolina, USA, October 2002. Presentation: "Participatory Forecast Application Pilot Project." Session moderator.

Vulnerability Methods and Models Workshop, Cambridge, Massachusetts, USA, October 2002. Co-organizer, rapporteur, and presenter: "Agent Based Analysis of Adaptive Capacity."

Workshops on El Niño, Climate Prediction, and Farming Decisions, Mahkwe, Tiya, Mafa, and Mkoka, Zimbabwe, September 2002. Organizer and facilitator for workshops relating seasonal climate forecasts to local decision-making.

Southern African Regional Climate Outlook Forum, Harare, Zimbabwe, September 2002. Invited participant.

Multi Agent Modeling of Adaptation Vision Factory, Potsdam, Germany, August 2002. Workshop organizer and presenter of project proposal.

Integrated Disaster Risk Management Conference, Laxenburg, Austria, July 2002. Presentations: "Responding to Climate Induced Risks in Zimbabwe" and "Assessing and Communicating Probabilities Associated with Climate Change." Session rapporteur.

2001 Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Rio de Janeiro, October 2001. Paper presented: "Climate forecasting for fun and profit in Zimbabwe."

Workshops on El Niño, Climate Prediction, and Farming Decisions, Mahkwe, Tiya, Mafa, and Mkoka, Zimbabwe, September 2001. Organizer and facilitator for workshops relating seasonal climate forecasts to local decision-making.

Workshops on El Niño, Climate Prediction, and Farming Decisions, Chimanmani, Mafa, and Mkoko, Zimbabwe, October 2000. Organizer and facilitator for workshops relating seasonal climate forecasts to local decision-making.

American Economics Association Annual Meeting, Boston, January 2000. Paper presented: "Impact demonstration bias and environmental decisions"

Southern African Regional Climate Outlook Forum, Maputo, Mozambique, September 1999. Work presented: "Cross-scale risk perception and scientific credibility"

Conference on Environmental Risk, Oxford, U.K., June 1999. Session moderator. Paper presented: "Human perception of environmental change"

Association for Public Policy Administration and Management, New York, October 1998. Papers presented: "Behavioral perceptions and policies toward the environment" and "Economic analysis of European acidification regulation"

Summer Institute in Behavioral Economics, Center for Advanced Behavioral Studies, Stanford University, July 1998. Russell Sage Foundation fully funded participant National Center for Environmental Decision-Making Research, Knoxville, May 1998. Facilitator for workshop reviewing the Ozone Transport Assessment Group. Paper presented: "Separating economic analysis from politics: a case study of European acid rain"

European Society for Ecological Economics, Geneva, March 1998. Paper presented: "Economists and ecologists: different frames of reference for global climate change"

Young Scientist Summer Program, International Institute for Applied Systems Analysis, Laxenburg, Austria. Summer 1997. Fully funded participant.

Courses Taught

Climate Policy (MSc.), ETH Zürich, course team leader, fall semesters since 2017.

Risk Analysis and Management (BSc), ETH Zürich, course team leader, spring semesters since 2016)

Quantitative Policy Analysis and Modeling (MSc), ETH Zürich, course team leader, fall semesters since 2015.

Cases in Environmental Policy and Decision Making (MSc), ETH Zürich, course team leader, spring semesters since 2016.

Seminar: Anthroposphere (BSc), ETH Zürich, course team member, spring semesters 2016 – 2018, fall semester 2018.

Readings in Environmental Thinking (MSc), ETH Zürich, course team member, fall semesters 2016 – 17.

HES Systems 1 (MSc), ETH Zurich, course team leader, Spring 2014.

Global Change Policy, Contracts, and Administrative Strategies, University of Bayreuth MSc program in Global Change Ecology. Sole lecturer, 2 credit course taught winter terms, 2007-8, 2008-9; summer terms 2010, 2011, 2012, 2013.

Directed Study: Geospatial Time Series Analysis to Apply Seasonal Climate Information to Water Management in the Tana River of Kenya (graduate), sole lecturer, Boston University, spring semester, 2007.

Physical Principles of the Environment: Climate Change (graduate), Boston University, sole lecturer, fall semester 2005.

Introduction to Quantitative Environmental Modeling (undergraduate), Boston University, course team leader, fall semesters 2004, 2005.

United States Environmental Policy (undergraduate), Boston University, sole lecturer, spring semesters 2001, 2002, 2005, 2006.

Ecological Economics (undergraduate), Boston University, sole lecturer, spring semester 2001.

Risk Analysis, Communication, and Management (renamed Natural Hazards, Environment, and Human Decision Making) (graduate and undergraduate), sole lecturer, Boston University, spring semesters 2002, 2005.

Environmental Policy Analysis and Modeling (graduate and undergraduate), sole lecturer, Boston University, fall semesters 2000, 2001.

Analytic Frameworks for Policy (graduate), Harvard University, course team member, fall semester 1998–99.

## Advising and Supervision

Current PhD students: Anna Geddes, Philippe Weyrich, and Arsam Aryandoust.

Mercé Labordena, PhD at ETH Zürich completed Autumn 2018.

Kaveh Rashidi, PhD at ETH Zürich completed Summer 2018.

Yibekal Tessema, PhD at ETH Zürich completed Spring 2018.

Leonhard Späth, PhD at ETH Zürich completed Spring 2018.

Paula Diaz, PhD at ETH Zürich completed Spring 2018.

Jamie McCaughy, PhD at ETH Zürich completed Winter 2018.

Susanne Hanger, PhD at ETH Zürich completed Fall 2016.

Kerstin Damerau. PhD at ETH Zürich completed Winter 2016.

Yann Blumer, Assumed role of main advisor on PhD thesis at ETH Zurich close to thesis completion. PhD completed May 2014.

Sebastian Busch, PhD student at the Technical University of Vienna, summer 2012. Co-supervision (with Nadejda Komendantova) on a game theoretical analysis of renewable energy certificate trading in Europe.

Ziga Malek, PhD student at the University of Vienna and Early Stage Researcher in the CHANGES project. August 2011 – present. Co-supervision (with Dagmar Schröter) on modeling of land use change and ecosystem service provision in Europe.

Architesh Panda, PhD student at the Institute for Social and Economic Change, Bangalore. Summer 2011. Co-supervision (with Upasna Sharma) on statistical testing of differential household level vulnerability and adaptive capacity for climate change.

Taufeeq Dhansay, MSc. student at the University of Cape Town. Summer 2011. Supervision on the development of an economic forecasting model for geothermal power in South Africa.

Arame Tall, PhD student at the Johns Hopkins University. Summer 2010. Supervision on the application of seasonal climate forecasts to disaster management in Africa.

Stefan Pfenninger, pre-doctoral research assistant in the RESPONSES and MEDIATION projects. January 2010 – present. Supervision on research on sectoral climate change adaptation and mitigation policies in Europe.

Dr. Upasna Sharma, post-doctoral research funded by the IIASA Directorate, October 2009 – present. Advising research on risk communication strategies for climate change adaptation.

Andrea Damm and Katharina Eberhard, University of Graz, July 2009 – November 2009. Supervisor of two students at the University of Graz, pursuant to a short-term contract under the SafeLands project, to conduct a case study on decision-making and governance in the context of landslide hazards in the district of Feldbach, Steiermark.

Lin Fan, PhD candidate, Johns Hopkins University, Summer 2009. Supervisor for participation in the IIASA Young Scientist Summer Program and the research and writing of the paper “Effects of technological and policy uncertainty and risk aversion on renewable energy investment.”

Johan Lilliestam, PhD candidate, Central European University, January 2009 – September 2013. External advisor on PhD thesis, awarded *magna cum laude*.

Dr. Jason Blackstock, post-doctoral research funded by the IIASA Directorate, November 2008 – June 2009. Advising research into the political and decision-making frameworks for geoengineering approaches to climate change.

Keith Williges, pre-doctoral research assistant in the ALICE project, July 2008 – October 2009. Supervising the development of a model to estimate cost scenarios for the scaling up of renewable energy in Europe, in a format relevant for decision-makers.

Patrick Nussbaumer, PhD candidate, Autonomous University of Barcelona, December 2007 – May 2012. Supervisor for research on the effects of official development assistance and the Clean Development Mechanism on renewable energy investment, with funding from the ADAM and ALICE projects, and external promoter of PhD, completed May 2012.

Tyler Felgenhauer, PhD candidate, University of North Carolina, Summer 2007. Supervisor for participation in the IIASA Young Scientist Summer Program and the research and writing of the paper “Optimal paths of climate change mitigation and adaptation under certainty and uncertainty.”

Elisabeth Meze-Hausken, PhD candidate, University of Bergen, Summer 2007. Supervisor for participation in the IIASA Young Scientist Summer Program and the research and writing of the paper “Reducing climate risk for micro-insurance providers in Africa: a case study of Ethiopia.”

James Baldwin, Boston University, February 2006 – May 2008. Committee member for PhD thesis on the determinants and carbon consequences of migration within the United States.

Florence Nazarre, University of Witwatersrand, South Africa, Summer 2004. Advised as part of the START capacity building program of the United States Agency for International Development.

Pablo Suarez, Boston University, January 2001 – June 2005. Primary supervisor for PhD completed April 2005. Title: Decision-making for reducing vulnerability given new climate predictions: case studies from Metro Boston and rural Zimbabwe.

Robert Munson, Boston University, March 2004 – May 2005. Committee member for PhD completed March 2005. Title: Mountain Islands in the Savanna: Kilimanjaro, Meru, and the Landscape of German Colonialism.

Masters students advised: John McLaughlin, Boston University (Spring Semester 2005, MA completed May 2005), Elizabeth Sommers, Boston University (Fall Semester 2004, MA completed May 2005).

Advisor for Reading and Research in Disaster Risk Management (graduate), Boston University, spring semester 2001.

Advisor for Independent Study in Quantitative Environmental Modeling (graduate), Boston University, fall semester 2004.

Advisor for Undergraduate Work for Distinction Advisor (undergraduate), Boston University, spring semesters 2001, 2002, 2005, 2006; fall semesters 2004, 2005.

University,  
Institute, and  
Community  
Service

Member of Advisory Board of Energy Science Center, ETH Zürich, June 2017 – present.

Director of Institute for Environmental Decisions, ETH Zürich. February 2016 – February 2018.

Member of ETH Research Commission. ETH Zurich. March 2015 – present.

Member of teaching Committee, Institute for Science, technology and Policy, ETH Zurich. October 2014 – October 2015.

Member of Strategic Planning Committee, Department of Environmental Systems Science, ETH Zurich. February 2014 – present.

Faculty member of Industry Advisory Board, Department of Environmental Systems Science, ETH Zurich. November 2013 – November 2015.

Member of Environmental Sciences Teaching Commission, Department of Environmental Systems Science, ETH Zurich. October 2013 – November 2015.

Member of Information and Communication Technology task force, International Institute for Applied Systems Analysis, November 2012 – June 2013.

Member of Internet and Finance Software Committees, International Institute for Applied Systems Analysis, October 2010 – October 2011.

Member of Internal Research Committee, International Institute for Applied Systems Analysis, January 2010 – January 2011.

Vice Chair of Employees' Council, International Institute for Applied Systems Analysis, January – December 2008.

Risk and Vulnerability Programme Management Team, International Institute for Applied Systems Analysis, Fall 2006 – present. Responsible for department web site development and seminar series.

Director of Undergraduate Studies, Boston University Department of Geography and Environment, Fall 2004 – spring 2006. Administration of four undergraduate degree programs, requiring weekly student advising, curricula review and development, approval of student petitions, and coordination with other departments.

Liaison to School for Field Studies, Boston University Department of Geography and Environment, Fall 2004 –spring 2006. Point of contact for environmental science and policy study abroad program sponsored by Boston University. Reviewed programs in Turks & Caicos Islands and Costa Rica, including site visits, interviews with students and staff, and meetings to discuss opportunities for curricula improvement in the social sciences.

Ad hoc committee to explore study abroad, Boston University Department of Geography and Environment, Fall 2001. Prepared memorandum for department exploring potential of study abroad options for undergraduate geography majors.

Curriculum review committee, Boston University Center for Energy and Environmental Studies, Fall 2001 – Spring 2003.

Member of Board of Directors, Addison County Community Action Group, Vermont. Director of local non-profit provider of poverty relief, affordable housing, and community agriculture. 1991–95.

Languages Native speaker of English; fluent in German (C1); limited ability in French, Italian, Spanish, and Portuguese (A1 – A2).

Hobbies Outdoor sports; woodworking.

Personal Data Born: 18 August 1965, in Boston, Massachusetts  
Spouse: Dagmar Schröter  
Children: Seon Justus (born 2005) and Luz Magali (born 2008) Schröterpatt  
Places of residence: Russikon, Switzerland

(updated as of 13 December 2018)