

Carlo Jaeger

Curriculum vitae

Personal Information

Name: Jaeger, Carlo
Date of birth: 31.3.1947
Nationality: Swiss
Family status: Married, two children
Languages: German, English, Italian, French, Spanish
URL: www.globalclimateforum.org/index.php?id=carlo-jaeger
Date of this CV: September 14, 2017

Profile

Prof. Jaeger is a sustainability scientist with a background in economics, sociology and human ecology. He has helped define the field of sustainability science since its beginning, being co-author of the Science paper that introduced sustainability science to the academic community. He has been influential through empirical research – e.g. his 2008 paper in Risk Analysis on the European heat wave of 2003 – and theoretical analysis – e.g. his widely quoted, and re-printed, 2010 paper in Climate Change Economics on the 2 degree limit as a focal point for climate policy cooperation.

A large part of Carlo Jaeger's research is related to the climate challenge, at least since he co-edited the volume "Views from the Alps" (MIT Press, 1998). He has been one of the pioneers of reframing the climate challenge from burden sharing to opportunity seeking – as with the book "Reframing the problem of climate change" (Earthscan, 2012), and with the trans-continental (US-EU-China) conference "Unpacking Green Growth" that he inspired and co-organised in 2014.

The theme of risk and uncertainty is a recurrent thread in Carlo Jaeger's research since he published the award-winning volume on "Risk, Uncertainty, and Rational Action" (Earthscan, 2001). The subject of risk unifies a wide range of work of his, like the 2015 Nature Climate Change article on coastal risk management and the 2016 Science paper on financial regulation.

Carlo Jaeger's research has always been use-inspired, connecting fundamental theoretical problems with the experiences and needs of practitioners. In this spirit, he has worked closely with the German Federal Ministry for the Environment on the design of climate policy. The computer simulations documented in the 2009 and 2011 research monographs contributed to the ministry's reframing of climate policy towards the emerging design of the German 'Energiewende' (energy transition).

His work is marked by trans-disciplinary cooperation. He has always worked with strongly trans-disciplinary teams, out of which excellent researchers have developed successful careers. He has been on PhD committees for economists, mathematicians, geographers and more, and cooperates with researchers of the corresponding disciplines in Europe, the US and China, with whom he shares a perspective of sustainability science.

Education

1992 Habilitation, Human Ecology, Swiss Federal Institute of Technology, Zurich
1979 Ph.D., Economics, J.W. Goethe University, Frankfurt, Germany
1972 Diploma (M.A.), Sociology, University of Bern, Switzerland

Current Positions

Since 2000 Professor, Faculty of Economics and Social Sciences, University of Potsdam, Germany

- Since 2001 Chair and Co-Founder – Global Climate Forum (GCF)
 Since 2006 Co-Chair – IRG-Project (Integrated Risk Governance Project), one of the global projects of Future Earth, the international platform for sustainability research
 Since 2009 Visiting Professor – Beijing Normal University, School of Resources and the Environment, China
 Since 2015 Adjunct Professor – School of Sustainability, Arizona State University, USA
 Since 2017 Visiting Professor, Leuphana University, Lüneburg, Germany

Previous Positions

- 2012 – 2015 National Distinguished Expert for the Chinese Government
 2007 – 2012 Department Head, Transdisciplinary Concepts and Methods, Potsdam Institute for Climate Impact Research, Germany
 2000 – 2007 Department Head, Global Change and Social Systems, Potsdam Institute for Climate Impact Research, Germany
 1994 – 2000 Professor of Sociology, Darmstadt University, Germany
 1993 – 2000 Department Head, Human Ecology, Swiss Federal Institute for Environmental Science and Technology (EAWAG), Zurich, Switzerland
 1992 – 1993 Lecturer in Human Ecology, Department of Environmental Sciences, Swiss Federal Institute of Technology, Zurich (ETH-Z)
 1981 – 1992 Teaching at the Institute of Geography, ETH-Z
 1979 – 1980 Research on Energy Consumption, Association of German Scientists, Germany
 1974 – 1979 Research on Social Theory and Mathematical Economics, J.W. Goethe University, Frankfurt, Germany
 1971 – 1974 Teaching at the Institute of Sociology, Zurich University, and the Department of Architecture, ETH-Z

Institutional Responsibilities

- Since 2010: Co-Editor, International Journal of Disaster Risk Science (Springer)
 1998 - 2009: Member of the Scientific Committee of the International Human Dimensions of Global Change Programme, IHDP.
 1999-2004: Member of the Advisory Board of the Center for the Integrated Study of the Human Dimensions of Global Change at Carnegie Mellon University.

Awards

- Gerald L. Young Book Award in Human Ecology, 2009, for the book *Human Footprints on the Global Environment: Threats to Sustainability*, MIT Press (with E.A. Rosa, A. Diekmann and T. Dietz)
 Outstanding Publication Award 2000-2002, Environment and Technology Section of the American Sociological Association, for the book *Risk, Uncertainty, and Rational Action*, Earthscan (with O. Renn, E. A. Rosa and T. Webler)

Organisation of Scientific Meetings (selection)

- 2017 International Conference on Synthetic Populations. Lucca, Italy. 22-23 February 2017 (on behalf of the EU H2020 project CoeGSS, with IMT Lucca).
 2014 The III. Open Global System Science Conference: Unpacking Green Growth – A Transcontinental Conference. Brussels, Beijing/Lu' An, Phoenix. 8-10 October 2014 (with European Commission, Development Research Center of the State Council of the People's Republic of China, Arizona State University).
 2009 Sustainable development – A challenge for European research. Brussels. 26-28 May 2009 (on behalf of the Directorate-General for Environment, in cooperation with the Czech Presidency of the Council of the EU).

1998 Is There a Mathematics of Social Entities? Dahlem Conferences, 98th Dahlem Workshop. Berlin. 14-19 December 2008 (with Rupert Klein, Freie Universität Berlin).

Teaching Activities

Graduate and undergraduate courses in sociology, economics, human ecology and sustainability at ETH Zurich (Switzerland) and University of Zurich (Switzerland), Technische Universität Darmstadt (Germany), University of Potsdam (Germany), Arizona State University (USA), Beijing Normal University (China)
Summer schools in France, Italy, China

Supervision and fostering of young researchers

<i>Institutional Position</i>	<i>PhD students</i>	<i>Postdoctoral fellows</i>	<i>Meanwhile Professors</i>
Potsdam University	8		
Global Climate Forum		5	
Potsdam Institute of Climate Impact Research		12	3
Darmstadt University	3	2	1
Swiss Federal Institute for Environmental Science and Technology (EAWAG)		3	2
Swiss Federal Institute of Technology (ETH-Z)	2	3	1

Invited presentations (selection)

Territorial and functional structures in the face of global systemic risks. Conference on Complex Systems. Amsterdam. 20 September 2016.

China and Global Finance: Transformations of a Complex System. Conference on Complex Systems. Tempe, Arizona State University. 30 September 2015.

Disasters and Green Growth: An Exercise in Complexity. Our Common Future under Climate Change, International Scientific Conference. Paris. 09 July 2015.

Scarcity and Coordination in the Global Commons. Resilience 2011 – Resilience, Innovation and Sustainability. Tempe, Arizona State University. 16 March 2011.

Major Collaborations (selection)

Prof. Manfred Laubichler, Director, Center for Biosocial Complex Systems, Arizona State University and Santa Fe Institute. USA. Topic: long-term sustainability transitions.

Prof. Sander van der Leeuw, Global Institute of Sustainability, Arizona State University and Santa Fe Institute. USA. Topic: long-term sustainability transitions.

Prof. Antoine Mandel, Université Paris I, Sorbonne. Topic: economics of sustainability transitions.

Prof. Diana Mangalagiu, Environmental Change Institute, Oxford University, United Kingdom. Topic: practice of sustainability transitions.

Prof. Ortwin Renn, Director, Potsdam Institute for Advanced Sustainability Studies. Germany. Topic: Sustainability and systemic risks.

Prof. Peijun Shi, Academy of Disaster Reduction and Emergency Management, Beijing, China. Topic: Sustainability and systemic risks.

Prof. Saini Yang, School of Resources and the Environment, Beijing Normal University. China. Topic: Sustainability and systemic risks.

PUBLICATIONS

Papers in Scientific Journals

- Ussher, L., Haas, A., Töpfer, K., Jaeger, C. (in press) Keynes and the International Monetary System: Time for a Tabular Standard. *European Journal of the History of Economic Thought*.
- Jaeger, C. (2016) The Coming Breakthrough in Risk Research. *Economics: The Open-Access, Open-Assessment E-Journal*, 10 (2016-16): 1–29, doi:10.5018/economics-ejournal.ja.2016-16.
- Battiston, S., Farmer, J. D., Flache, A., Garlaschelli, D., Haldane, A. G., Heesterbeek, H., Hommes, C., Jaeger, C., May, R., Scheffer, M. (2016) Complexity theory and financial regulation. *Science*, 351(6275), 818-819, doi: 10.1126/science.aad0299.
- Krause, J., Small, M. J., Haas, A., Jaeger, C. (2016) An Expert-Based Bayesian Assessment of 2030 German New Vehicle CO2 Emissions and Related Costs. *Transport Policy*, 52, 197-208. doi: <http://doi.org/10.1016/j.tranpol.2016.08.005>
- Mielke, J., Vermaßen, H., Ellenbeck, S., Fernandez Milan, B., Jaeger, C. (2016) Stakeholder Involvement in Sustainability Science – A Critical View. *Energy Research & Social Science*, 17, 71-81.
- Yang, S., Hu, F., Jaeger, C. (2016) Impact Factors and Risk Analysis of Tropical Cyclones on a Highway Network. *Risk Analysis*, 36: 262–277, doi:10.1111/risa.12463.
- Aglietta, M., Hourcade, J.-C., Jaeger, C., Perrissin Fabert, B. (2015) Financing transition in an adverse context: climate finance beyond carbon finance. *International Environmental Agreements: Politics, Law and Economics*, 15(4), 403-420.
- Hasselmann, K., Cremades, R., Filatova, T., Hewitt, R., Jaeger, C., Kovalevsky, D., Voinov A., Nick Winder, N. (2015) Free-riders to Forerunners. *Nature Geoscience*, 8, 895–898, doi:10.1038/ngeo2593.
- Hinkel, J., Jaeger, C., Nicholls, R. J., Lowe, J., Renn, O., Shi, P. (2015) Sea-level rise scenarios and coastal risk management. *Nature Climate Change*, 5, 188-190.
- Lyu, Y., Jaeger, C., Han, Z., Liu, L., Shi, P., Wang, W., Yang, S., Guo, L., Zhang, G., Hu, X., Guo, J., Gao, Y., Yang, Y., Xiong, Y., Wen, H., Liang, B., Zhao, M. (2015) A Severe Air Pollution Event from Field Burning of Agricultural Residues in Beijing, China. *Aerosol and Air Quality Research*, 15, 2525–2536, doi: 10.4209/aaqr.2015.05.0369.
- Meng, Y., Yang, S., Shi, P., Jaeger, C. (2015) The asymmetric impact of natural disasters on China’s bilateral trade. *Nat. Hazards Earth Syst. Sci.*, 15, 2273–2281. doi:10.5194/nhess-15-2273-2015.
- Wolf, S., Schütze, F., Jaeger, C. (2016) Balance or Synergies between Environment and Economy – A note on model structures. *Sustainability*, 8(8), 761, doi:10.3390/su8080761.
- Jaeger, C. (2014) A Choice for China: What Role for Vocational Education in Green Growth? *China and World Economy*, 22, 5.
- Wolf, S., Fürst, S., Mandel, A., Lass, W., Lincke, D., Pablo-Marti, F., Jaeger, C. (2013) A multi-agent model of several economic regions. *Environmental Modelling & Software*, 44, 25-43.
- Jaeger, C. (2012) Shaking an invisible hand. *Complexity Economics*, 1(1), 91-103.
- Jaeger, C., Mangalagiu, D., Mandel, A. (2012) Editorial. *Complexity Economics*, 1(1), 1-4.
- Tàbara, J. D. Mangalagiu, D., Kupers, R., Jaeger, C., Mandel, A., Paroussos, L. (2012) Transformative targets in sustainability policy-making: the case of the 30% EU mitigation goal. *Journal of Environmental Planning and Management*. doi:10.1080/09640568.2012.716365.

- Botta, N., Mandel, A., Ionescu, C., Hofmann, M., Lincke, D., Schupp, S., Jaeger, C. (2011) A functional framework for agent-based models of exchange. *Applied Mathematics and Computation, Elsevier*, 218 (8), pp. 4025-4040.
- Hare, W. L., Cramer, W., Schaeffer, M., Battaglini, A., Jaeger, C. (2011) Climate hotspots: key vulnerable regions, climate change and limits to warming. *Regional Environmental Change*, 11(1), 1-13, doi:10.1007/s10113-010-0195-4.
- Jaeger, C. (2010) Risk, rationality and resilience. *International Journal of Disaster Risk Science*, 1, 1, 10-16.
- Jaeger, C., Jaeger, J. (2010) Three views of two degrees. *Climate Change Economics*, 1, 3, 145-166 (reprinted 2011 in *Regional Environmental Change*, 11, 1, 15-26).
- Brovkin, V. Petoukhov, V., Claussen, M., Bauer, E., Archer, D., Jaeger, C. (2009) Geoengineering climate by stratospheric sulfur injections: Earth system vulnerability to technological failure. *Climatic Change*, 92, 3-4, 243-259.
- Kuhlbrodt, T., Rahmstorf, S., Zickfeld, K., Vikebø, F. B., Sundby, S., Hofmann, M., Link, P. M., Bondeau, A., Cramer, W., Jaeger, C. (2009) An integrated assessment of changes in the thermohaline circulation. *Climatic Change*, 96, 4, 489-537.
- Siliverstovs, B., Ötsch, R., Kemfert, C., Jaeger, C., Haas, A., Kremers, H. (2009) Climate change and modelling of extreme temperatures in Switzerland. *Stochastic Environmental Research and Risk Assessment*, 24, 2, 311-326.
- Jaeger, C., Krause, J., Haas, A., Klein, R., Hasselmann, K. (2008) A method for computing the fraction of attributable risk related to climate damages. *Risk Analysis*, 28, 4, 815-823.
- Jaeger, C., Schellnhuber, H. J., Brovkin, V. (2008) Stern's review and Adam's fallacy. *Climatic Change*, 89, 3-4, 207-218.
- Wilson, E. J., Morgan, M. G., Apt, J., Bonner, M., Bunting, C., Gode, J., Haszeldine, R. S., Jaeger, C., Keith, D. W., McCoy, S. T., Pollak, M. F., Reiner, D. M., Rubin, E. S., Torvanger, A., Ullrich, C., Vajjhala, S., Victor, D. G., Wright, I. W. (2008) Regulating the Geological Sequestration of CO₂. *Environmental Science and Technology*, 42, 8, 2718-2722.
- Meyer, I., Leimbach, M., Jaeger, C. (2007) International passenger transport and climate change: A sector analysis in car demand and associated CO₂ emissions from 2000 to 2050. *Energy Policy*, 35, 6332-6345.
- Welp, M., de la Vega-Leinert, A., Stoll-Kleemann, S., Jaeger, C. (2006) Science-based stakeholder dialogues: Theories and tools. *Global Environmental Change*, 16, 2, 170-181.
- Haas, A., Jaeger, C. (2005) Agents, Bayes, and climate risks - A modular modelling approach. *Advances in Geosciences*, 4, 3-7.
- Leimbach, M., Jaeger, C. (2004) A modular approach to integrated assessment modeling. *Environmental Modelling and Assessment*, 9, 4, 207-220.
- Hasselmann, K., Latif, M., Hooss, G., Azar, C., Edenhofer, O., Jaeger, C., Johannessen, O. M., Kemfert, C., Welp, M., Wokaun, A. (2003) The challenge of long-term climate change. *Science*, 302, 5652, 1923-1925.
- Hoff, H., Jaeger, C., Leveque, C., Vörösmarty, C. (2003) TSAI and the global water system. *ASCE Journal of Water Resources Planning and Management*, 129, 2, 83-85.
- Welp, M., Hasselmann, K., Jaeger, C. (2003) Climate change and paths to sustainability: The role of science-based stakeholder dialogues. *Reference Magazine*, 19, 8-13.
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- Stoll-Kleemann, S., O'Riordan, T., Jaeger, C. (2001) The psychology of denial concerning climate mitigation measures: Evidence from Swiss focus groups. *Global Environmental Change*, 11, 2, 107-117.
- Jaeger, C., Pahl-Wostl, C., Davies, H. (2000) CLEAR editorial. In: Jaeger et al. (eds.) *Integrated Assessment*. Special Issue: CLEAR - Integrated Assessment of Climate Change in the Alpine Region, 1(4), 249-252.
- Jaeger, C., Kasemir, B., Stoll-Kleemann, S., Schibli, D., Dahinden, U. (2000) Climate change and the voice of the public. In: *Integrated Assessment*. Special Issue: CLEAR - Integrated Assessment of Climate Change in the Alpine Region, 1(4), 339-349.
- Kasemir, B., Schibli, D., Stoll, S., Jaeger, C. (2000) Involving the public in climate and energy decisions. *Environment*, 42, 3, 32-42.
- Kasemir, B., Dahinden, U., Swartling, A. G., Schüle, R., Tabara, D., Jaeger, C. (2000) Citizens' perspectives on climate change and energy use. *Global Environmental Change*, 10, 169-184.
- Jaeger, C., Schüle, R., Kasemir, B. (1999) Focus Groups in Integrated Assessment: A Microcosmos for Reflexive Modernization. *Innovation*, 12, 195-219.
- Kasemir, B., Van Asselt, M. B., Dürrenberger, G., Jaeger, C. (1999) Integrated Assessment: Multiple Perspectives in Interaction. *International Journal of Environment and Pollution*, 11, 407-425.
- Jaeger, C. (1998) Risk Management and Integrated Assessment. *Environmental Modeling and Assessment*, 3, 211-225.
- Edenhofer, O., Jaeger, C. (1998) Power Shifts. The Dynamics of Energy Efficiency. *Energy Economics*, 20, 513-538.
- Jaeger, C., Barker, T., Edenhofer, O., Faucheux, S., Hourcade, J. C., Kasemir, B., O'Connor, M., Parry, M., Peters, I., Ravetz, J., Rotmans, J. (1997) Procedural Leadership in Climate Policy: A European Task. *Global Environmental Change*, 7, 195-203.
- Jaeger, C. (1996) Humanökologie und der Blinde Fleck der Wissenschaft. In: Diekmann, A., Jaeger, C. (eds.) *Umweltsoziologie. Kölner Zeitschrift für Soziologie und Sozialpsychologie*, Special Issue 36, 164-190.
- Jaeger, C., Kasemir, B. (1996) Climatic Risks and Rational Actors. *Global Environmental Change*, 6, 23-36.
- Diekmann, A., Jaeger, C. (1996) Aufgaben und Probleme der Umweltsoziologie. In: Diekmann, A., Jaeger, C. (eds.) *Umweltsoziologie. Kölner Zeitschrift für Soziologie und Sozialpsychologie*, Special Issue 36, 11-27.
- Kasemir, B., Jaeger, C., Dürrenberger, G. (1996) Embedding Integrated Assessment Models in Social discourse. *Science and Public Policy*, 23, 124-125.
- Koller, B., Frischknecht, P. M., Jaeger, C. (1996) Berufschancen im Umweltbereich - Eine Umfrage unter den Absolventinnen und Absolventen des Studiengangs Umweltnaturwissenschaften der ETH Zürich. *GAIA*, 5, 35-431.
- Dürrenberger, G., Jaeger, C., Bieri, L., Dahinden, U. (1995) Telework and Vocational Contact. *Technology Studies*, 2, 104-159.
- Jaeger, C., Rust, A. (1994) Ethics as Rule Systems. The Case of Genetically Engineered Organisms. *Inquiry*, 37, 65-84.

- Jaeger, C. (1993) The Cultural Evolution of Rational Choice. *International Sociology*, 8, 497-503.
- Jaeger, C., Dürrenberger, G., Kastenholz, H., Truffer, B. (1993) Determinants of Environmental Action with regard to Climatic Change. *Climatic Change*, 23, 193-211.
- Dürrenberger, G., Jaeger, C. (1991) Globale Umweltprobleme und regionale Innovationspotentiale. *Geographica Helvetica*, 46, 110-113.
- Jaeger, C. (1990) Innovative Milieus and Environmental Awareness. *Sociologia Internationalis*, 28, 205-216.
- Jaeger, C. (1990) Debt, Conservation, and Innovating Sustainable Regional Development. *International Environmental Affairs*, 2, 166-173.
- Jaeger, C., Kastenholz, H., Dahinden, U., Medici, L., Kindschi, R. (1990) Einstellungen zu klimatischen Risiken und technischem Fortschritt. Eine Forschungsnotiz. *Schweiz. Zeitschr. Soziologie*, 16, 373-383.
- Jaeger, C., Rudel-Filesi, R., Furger, F. (1990) Prospettive della telematica e patrimonio dell'urbanistica moderna. *Archivio di studi urbani e regionali*, 38/39, 217-239.
- Marshall, J. N., Jaeger, C. (1990) Service Activities and Uneven Spatial Development in Britain and its European Partners: Determinist Fallacies and New Options. *Environment and Planning A*, 22, 1337-1354.
- Jaeger, C. (1988) Lohndynamik und Arbeitslosigkeit. *Kyklos*, 41, 479-506.
- Ernste, H., Jaeger, C. (1987) Neuere Tendenzen schweizerischer Migrationsströme, *Geographica Helvetica*, 42(1), 27-34.
- Ernste, H., Jaeger, C. (1986) Neuere Tendenzen schweizerischer Migrationsströme, *Geographica Helvetica*, 41(3), 111-116.

Special Issues

- Jaeger, C., Pahl-Wostl, C., Davies, H. (eds.) (2000) Special Issue: CLEAR - Integrated Assessment of Climate Change in the Alpine Region. *Integrated Assessment*, 1, .
- Diekmann, A., Jaeger, C. (eds.) (1996) Umweltsoziologie, Special Issue 36, *Kölner Zeitschrift für Soziologie und Sozialpsychologie*.

Books

- Shi, P., Jaeger, C., Ye, Q. (eds.) (2013) *Integrated Risk Governance. Science Plan and Case Studies of Large-scale Disasters*. Springer, Beijing.
- Jaeger, C., Hasselmann, K., Leipold, G., Mangalagiu, D., Tàbara, J. D. (eds.) (2012) *Climate Change: From Zero Sum Game to Win-Win Solutions*. Earthscan, New York.
- Jaeger, C., Tàbara, J. D., Jaeger, J. (eds.) (2011) *European Research on Sustainable Development. Transformative Science Approaches for Sustainability*. Springer, Berlin.
- Jaeger, C. (2011) *Wachstum – wohin?* Carl-von-Carlowitz-Reihe Bd. 2, oekom verlag, München.
- Rosa, E. A., Diekmann, A., Dietz, T., Jaeger, C. (2009) *Human Footprints on the Global Environment: Threats to Sustainability*. MIT Press, Cambridge, Mass.
- Kasemir, B., Jäger, J., Jaeger, C., Gardner, M. (eds.) (2003) *Public Participation in Sustainability Science*. Cambridge University Press, Cambridge.
- Jaeger, C., Renn, O., Rosa, E.A., T. Webler, T. (2001) *Risk, Uncertainty, and Rational Action*. Earthscan, London.
- Cebon, P., Dahinden, U., Davies, H.C., Imboden, D.M., Jaeger, C. (eds.) (1998) *Views from the Alps. Towards Regional Assessments of Climate Change*. MIT-Press, Cambridge.
- Jaeger, C., Beck, A., Bieri, L., Dürrenberger, G., Rudel, R. (1998) *Klimapolitik: Eine Chance für die Schweiz. Das Potential innovativer regionaler Milieus zur Entwicklung praktikabler Strategien angesichts der Risiken einer globalen Klimaveränderung*. Verlag der Fachvereine, Zürich.

- Jaeger, C. (1994) *Taming the Dragon. Transforming Economic Institutions in the Face of Global Change*. Gordon and Breach Science Publishers, Yverdon (German edition 1996: *Die Zähmung des Drachens: Globaler Schock – Ökologische Wende?* Westdeutscher Verlag, Wiesbaden).
- Dürrenberger, G., Jaeger, C. (1993) *Dezentrale Arbeitsplätze – Eine Investition in Basels ZukuHnft*, Helbing & Lichtenhahn, Basel.
- Dürrenberger, G., Ernste, H., Furger, F. Jaeger, C. Steiner, D., Truffer, B. (1991) *Das Dilemma der modernen Stadt. Theoretische Überlegungen zur Stadtentwicklung - dargestellt am Beispiel Zürichs*. Springer, Heidelberg.
- Ernste, H., Jaeger, C. (eds.) (1989) *Information Society and Spatial Structure*. Belhaven Press, London.
- Jaeger, C., Bieri, L., Dürrenberger, G. (1987) *Telearbeit - von der Fiktion zur Innovation*. Verlag der Fachvereine, Zürich.
- Jaeger, C. (1979) *Ein Modell der Wirtschaftsgesellschaft*. Peter D. Lang Verlag, Frankfurt.

Book Chapters

- Lass, W., Haas, A., Hinkel, J., Jaeger, C. (2013) *Avoiding the Avoidable: Towards a European Heat Waves Risk Governance*. In: Shi, P. et al. (eds.) (2013) *Integrated Risk Governance. Science Plan and Case Studies of Large-scale Disasters*. Springer, Beijing.
- Welp, M. Battaglini, A., Jaeger, C. (2009) *Defining dangerous climate change: The Beijing exercise*. In: Patt, A.G. et al. (eds.) *Assessing Vulnerability to Global Environmental Change*, Earthscan, London.
- Welp, M., Kasemir, B., Jaeger, C. (2009) *Citizens' voices in environmental policy: The contribution of integrated assessment focus groups to accountable decision making*. In: Coenen, F.H.J.M. (ed.) *Public participation and better environmental decisions: The promise and limits of participatory processes for the quality of environmentally related decision-making*. Springer, Berlin.
- Jaeger, C. (2008) *Noosphere*. In: Jørgensen, S.E., Fath, B., (eds.) *Encyclopedia of Ecology*, Elsevier, Amsterdam.
- Jaeger, C. (2006) *Global Governance and Human Health*. In: Andreae, M. et al (eds.) *Interactions between Global Change and Human Health*. The Pontifical Academy of Sciences. Scripta Varia 106, Vatican City.
- Kasemir, B., Jaeger, C., Jäger, J. (2003) *Citizen participation in sustainability assessments*. In: Kasemir, B. et al. (eds.) *Public Participation in Sustainability Science*. Cambridge University Press, Cambridge.
- Kasemir, B., Dahinden, U., Swartling, A.G., Schibli, D., Schüle, R., Tabara, D., Jaeger, C. (2003) *Collage processes and citizens' visions for the future*. In: Kasemir, B. et al. (eds.) *Public Participation in Sustainability Science*. Cambridge University Press, Cambridge.
- Kasemir, B., Gassmann, F. Lienin, S.F., Jaeger, C.; Wokaun, A. (2002) *Public-driven Responses to Global Environmental Change*. In: Tolba, M.K. (ed) *Responding to global environmental change, Encyclopedia of Global Environmental Change IV*.
- Jaeger, C. (2001) *The challenge of global water management*. In: Ehlers, E., Krafft, T. (eds.) *Understanding the Earth system: Compartments, processes and interactions*. Springer, Berlin.
- Jaeger, C., Dürrenberger, G. (1991) *Services and Counterurbanisation: the Case of Central Europe*. In: Daniels, P.W. (ed.) *Services and Metropolitan Development: International Perspectives*. Routledge, London.
- Renn, O. Jaeger, C., Rosa, E.A., Webler, T. (1990) *The Rational Action Paradigm in Risk Theories: Analysis and Critique*. In: Cohen, M.J. (ed.) *Risk in the Modern Age: Social Theory, Science and Environmental Decision-Making*, Macmillan, London.

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