

RESUME

SUMMARY

- Working experience in excellent academic centers in Europe (e.g., IIASA), USA (e.g., Harvard University), and Asia (e.g., University of Tokyo)
- Advanced skills in international science management and policy advice (e.g., IGBP, IHDP) and expertise in editorial reviews and consultancy (e.g., IPCC, IDB)
- Contributor to international policy analyses (e.g., UNDP, BMZ) and professional services for science funding agencies (e.g., European Science Foundation, Alexander von Humboldt-Foundation)
- Proven track record in attracting research funding (e.g., awardee of 9 distinguished individual fellowships and numerous grants) and recipient of various scientific distinctions (e.g., award-winning PhD thesis, best oral congress presentation)
- Multi-lingual ability (e.g., German, English, Spanish written, reading, and spoken fluently).

1.1 PERSONAL DATA

First/last name Juergen Weichselgartner



1.2 HIGHER EDUCATION

University Studies: *Geography, Political Science, Ethnology*

20.06.2001 PhD in geography, University of Bonn (magna cum laude)
PhD thesis Natural hazards as social constructions: A geographical observation
 of the social discussion of natural risks (excellent)
Supervisors Prof. Dr. Jürgen Pohl and Prof. Dr. Richard Dikau
09.07.1997 Diploma in geography (equivalent MSc.), University of Bonn (excellent)
04/96 - 06/97 University of Bonn, Department of Geography (Germany)
10/96 - 03/97 University of Cantabria, Department of Earth Sciences (Spain), foreign term
02/95 - 06/95 University of Malta, Institute of Earth Systems (Malta), foreign term
10/91 - 03/96 University of Heidelberg, Department of Geography (Germany)

1.3 EMPLOYMENT AND PROFESSIONAL ACTIVITIES

Current Positions

from 01/17 GEOMAR Helmholtz Centre for Ocean Research (Germany), Senior Science Officer
08/16 - today University of Lyon, Collegium de Lyon (France), Honorary Fellow
10/09 - today University of Bonn, Department of Geography (Germany), Lecturer

Previous Appointments

09/15 - 07/16 University of Lyon, Collegium de Lyon (France), EURIAS Senior Fellow
10/14 - 03/15 University of Munich, Department of Geography (Germany), Visiting Professor
06/13 - 05/15 Polytecnico di Milano, Department of Urban Studies (Italy), Adjunct Professor
03/07 - 02/12 Helmholtz Centre Geesthacht (Germany), Senior Science Coordinator
03/06 - 02/07 Harvard University, Kennedy School of Government (USA), Research Fellow
05/04 - 02/06 University of Tokyo, Institute of Environmental Studies (Japan), Research Fellow
03/02 - 12/04 International Institute for Applied Systems Analysis (Austria), Research Scholar
05/01 - 02/02 University of Bonn, Department of Geography (Germany), Scientific Assistant
03/99 - 02/01 University of Cantabria, Department of Earth Sciences (Spain), Researcher
06/97 - 02/99 University of Bonn, Department of Geography (Germany), Researcher

Professional Training (selection)

06/15 *Learning and Educational Design*, Transfer GmbH
10/10 *Rhetorical Skills II*, Fromm Management
05/10 *Self- and Priority Management*, Fromm Management
01/10 *Team Development*, Fromm Management
05/09 *Managing Meetings Successfully*, Hubert-Liebens Consulting
12/08 *Rhetorical Skills I*, Fromm Management
04/08 *Time Management*, Hubert-Liebens Consulting
03/08 *Project Management*, HMS Hopf Management

Non-Academic Activities and Internships (selection)

08/16 - 01/17 Paternal leave 4. child
11/97 - 02/99 Freelancer, Empirica Qualitative Market Research GmbH, Bonn (consultancy)
10/91 - 03/96 Internship and Freelance, Tröger & Entenmann, Heidelberg (water supply)
10/93 - 07/94 Trainee, Forschungsgruppe Wahlen e.V., Mannheim (psephology)
02/94 - 04/94 Internship, Ministry of Agriculture and Fisheries, Malta

1.4 DISTINCTIONS AND HONORS

Individual Fellowships

12/14 EURIAS Senior Fellowship, Network of European Institutes for Advanced Study (10 months)
10/10 Research Fellowship, National Science Council Taiwan (4 months)
10/07 Short-term Fellowship, Alexander von Humboldt-Foundation (1 month)
10/05 Feodor Lynen Fellowship, Packard Foundation and Humboldt Foundation (12 months)
02/04 Post-doc Research Fellowship, Japan Society for the Promotion of Science (24 months)
12/03 Post-doc Research Fellowship, Japan Society for the Promotion of Science (18 months)
07/01 Marie Curie Post-doc Fellowship, European Commission (24 months)
10/98 Marie Curie Post-graduate Fellowship, European Commission (24 months)
07/96 ERASMUS Fellowship, European Commission (6 months)

Scientific Awards

07/15 Sage Most-read Article May-July 2015 *Progress in Human Geography*, London
05/08 Best public poster, IGBP Congress *Sustainable Livelihoods in a Changing Earth*, Cape Town
06/07 Harvard University's Recognition of Intellect, Energy and Commitment, Cambridge
04/05 Best oral presentation, International Congress *Urban-Rural Planning in Asian Megacities*, Tokyo
12/04 Elsevier Top-downloaded Article Oct.-Dec. 2004 in *Environmental Science*, Amsterdam
07/03 PhD Award, Franzke'sche Foundation, Berlin

Scientific Grants (selection)

- 01/16 Labex Grant, Agence Nationale de la Recherche
- 08/12 Conference Grant, German Research and Innovation Forum Tokyo
- 04/11 CAPaBLE Grant, Asia-Pacific Network for Global Change Research
- 10/04 Kaken Grant, Japanese Ministry of Education, Culture, Sports, Science and Technology

1.5 PROFESSIONAL SERVICES AND SCIENTIFIC CONTRIBUTIONS

Editorial Review for Scientific Institutions and Organizations (selection)

- Alexander von Humboldt-Foundation (AvH)
- Austrian Government, Austrian Climate Research Programme (ACRP)
- Czech Science Foundation (GACR)
- European Science Foundation (ESF)
- Intergovernmental Panel on Climate Change (IPCC)
- Ministry of Education and Science of the Russian Federation (Minobrnauka)
- Spanish Evaluation and Foresight Agency (ANEP)
- Network of French Institutes for Advanced Study Foundation (RFIEA).

Editorial Review for International and National Reports (selection)

- IPCC: Fifth Assessment Report *Climate Change 2013* and IPCC Special Report *Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation*
- Inter-American Development Bank: *Comprehensive Risk Management by Communities and Local Government*
- German Federal Ministry for Economic Cooperation and Development: *Disaster Mitigation*.

Journal Referee (selection)

- Environmental Impact Assessment Review
- Global Environmental Change
- International Journal of Risk Assessment and Management
- Journal of Environmental Planning and Management
- Mountain Research and Development
- Natural Hazards and Earth System Sciences
- Population and Environment.

Affiliations and Memberships (selection)

- European Sociological Association (ESA) (since 2005)
- International Geographical Union (IGU) (since 2001)
- International Research Committee on Disasters (IRCD) (since 2002)
- UNESCO/IOC Ocean Expert (since 2009)

1.6 EXTRA-CURRICULAR QUALIFICATIONS AND ACTIVITIES

- German, English, and Spanish written, reading, and spoken fluently; basics in French and Italian
- Public Activities: e.g. German Year of Geosciences, Austrian Science Week, Science Dialogue Japan
- Tutor: e.g. Association for Gifted and Talented Education in Schleswig-Holstein, Germany.

2

SCIENTIFIC RESEARCH

2.1 LEADING PRINCIPAL INVESTIGATOR

Project: **Urban Resilience and Crisis Management**

Duration: 01/2016 – 01/2017

Funding: Agence Nationale de la Recherche (ANR)

Amount: € 10.000

Project: **Societal Transformation and Climate Change**

Duration: 09/2015 – 07/2016

Funding: Network of European Institutes for Advanced Study ((# 246561)

Amount: € 44.000

Project: **Co-designing Resilient Cities**

Duration: 09/2012 – 11/2012

Funding: German Research and Innovation Forum Tokyo (# S2012-P86-01)

Amount: € 12.000

Project: **Capacities for Global Change Mitigation in Asia-Pacific Coastal Zones**

Duration: 03/2011 – 03/2012

Funding: Asia-Pacific Network for Global Change Research (# CBA2011-06NSY-LOICZ)

Amount: € 45.000

Project: **Linking Knowledge and Action for Global Environmental Change**

Duration: 12/2010 – 03/2011

Funding: National Science Council Taiwan (# 99-2911-I-003-004-2)

Amount: € 10.000

Project: **Disaster Risk Management**

Duration: 02/2007 – 03/2007

Funding: German Technical Cooperation Agency (GTZ)

Amount: € 5.000

Project: **Social Responses to Global Change**

Duration: 03/2006 – 02/2007

Funding: Alexander von Humboldt-Foundation, Packard Foundation (# 2004-26318)

Amount: € 80.000

Project: **Integrating Natural Hazard Research and Knowledge Society**

Duration: 05/2004 – 02/2006

Funding: Japanese Society for the Promotion of Science (# P04750)

Amount: € 150.000

Project: **Ex-ante and Ex-post Financial Considerations for Local Government Risk Management Capacity: Case Study Germany**

Duration: 11/2002 – 01/2003

Funding: German Technical Cooperation Agency (GTZ)

Amount: € 10.000

Project: **Integrated Disaster Management Model**
Duration: 03/2002 – 02/2004
Funding: European Commission (# EVG1-CT-2001-50001)
Amount: € 200.000

Project: **Integrated Risk Precaution**
Duration: 03/1999 – 02/2001
Funding: European Commission (# ENV4-CT98-5118)
Amount: € 100.000

2.2 PROJECT PARTNER (selection)

Project: **Enabling Knowledge for Disaster Risk Reduction in Integration to Climate Change Adaptation**

Duration: 06/2013 – 05/2015
LPI: Prof. Scira Menoni, Politecnico di Milano, DASTU
Funding: European Commission

Project: **Dynamics and Vulnerability of Delta Systems**

Duration: 07/2007 – 12/2008
LPI: Prof. James P. Syvitski, University of Colorado, CSDMS
Funding: Helmholtz Center Geesthacht, University of Bonn, University of Colorado

Project: **Governance Responses to Ecosystem Change**

Duration: 04/2007 – 12/2008
LPI: Prof. Stephen B. Olsen; University of Rhode Island, Coastal Resources Center
Funding: Helmholtz Center Geesthacht, University of Rhode Island, EcoCostas

Project: **Reducing Disaster Risk – A Challenge for Development**

Duration: 05/2001 – 02/2002
LPI: United Nations Development Programme (UNDP)
Funding: German Federal Foreign Office (AA)

2.3 PROJECT CONTRIBUTOR (selection)

11/06 - 02/07 *Disaster Risk Management*, Federal Ministry for Economic Cooperation and Development

10/03 - 02/04 *Measuring Mitigation*, ProVention

11/02 - 01/03 *Comprehensive Risk Management by Communities*, Inter-American Development Bank

2.4 GRANT APPLICATION SUBMITTED

Title: **Future Coastal Livelihoods Network**

LPI: Juergen Weichselgartner
Funding: International Social Science Council
Amount: € 900.000

3

ACADEMIC TEACHING

3.1 TEACHING ASSIGNMENTS

University of Bonn/Federal Office of Civil Protection and Disaster Assistance, Germany

WS 2016/17	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2016	Module 2: Social Scientific Basics and Research Methods (Master)
WS 2015/16	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2015	Module 2: Social Scientific Basics and Research Methods (Master)
WS 2014/15	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2014	Module 2: Social Scientific Basics and Research Methods (Master)
WS 2013/14	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2013	Module 2: Social Scientific Basics and Research Methods (Master)
WS 2012/13	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2012	Module 2: Social Scientific Basics and Research Methods (Master)
WS 2011/12	Module 2: Social Scientific Basics and Research Methods (Master)
SS 2011	Module 6: Disaster Mitigation Concepts and Measures (Master)
WS 2010/11	Module 8: Specific Risks (Master)
WS 2009/10	Module 8: Specific Risks (Master)

University of Munich, Department of Geography, Germany

WS 2015/16	Seminar: Lesson Planning and Quality Teaching (PhD)
SS 2015	Seminar: Science Communication (PhD)
WS 2014/15	Seminar: Global Change (Bachelor)
WS 2014/15	Lecture: Scientific Methods (PhD)
WS 2014/15	Seminar: Paper Writing (Master)
WS 2014/15	Lecture: Land Use (Master)
WS 2014/15	Seminar: Land Use (Master)
WS 2014/15	Lecture: Human Geography (Bachelor)
WS 2014/15	Lecture: Geography and Sustainability (Master)

University of Hamburg, Department of Geography, Germany

WS 2011/12	Course #63027: Economic Geography (Bachelor)
WS 2011/12	Excursion #63027: Economic Geography (Bachelor)
SS 2011	Course #63027: Urbanization in Coastal Zones (Master)
SS 2011	Excursion #63027: Urbanization in Coastal Zones (Master)
WS 2009/10	Applied Course #63120: Global Environmental Change (Master)
SS 2010	Course #63027: Demographic Change (Master)
SS 2010	Excursion #63027: Demographic Change (Master)
WS 2009/10	Applied Course #63133: Risk Management and Project Development (Master)
SS 2009	Special Course #63088: Global Environmental Change (Master)
WS 2008/09	Course #63028: Economic Geography (Bachelor)
WS 2008/09	Excursion #63029: Economic Geography (Bachelor)
SS 2008	Course #15026: Urban Geography (Bachelor)
SS 2008	Excursion #15027: Urban Geography (Bachelor)

Tokyo University, Institute of Environmental Studies, Japan

WS 2005/06 Course: Science Communication (Master)
WS 2005/06 Course: Environmental Risks (Master)
SS 2005 Course: Science Communication (Master)
WS 2004/05 Course: Science Communication (Master)
WS 2004/05 Regional Course: Cultural Geography of Germany (Master)
SS 2004 Course: Environmental Geography (Master)

3.2 EXTERNAL SALARIED TEACHING ASSIGNMENTS

University of Kiel, Department of Geography, Germany

SS 2012 Course: Human Geography (Bachelor)

National Taiwan Normal University, Graduate Institute of Environmental Education, Taiwan

WS 2010/11 Module: Environmental Education (Bachelor)

University of Cadiz, Department of Ocean & Environmental Sciences, Spain

SS 2009 Module: Land-Ocean Interactions in the Coastal Zone (Master)

University of Basel, Department of Environmental Sciences, Switzerland

SS 2008 Lecture: Global Change and Environmental Risks (Master)

Gifu University, Department of Civil Engineering, Japan

WS 2004/05 Applied Course: Hydrological Risks (Bachelor)

3.3 RECENT STUDENT SUPERVISION (selection 2015 only)

- Denis Kipker: Emergency preparedness in the context of attack scenarios (Master, University of Bonn)
- Celina Stanley: Green care in der EuRegio „Salzburg – Berchtesgadener Land – Traunstein“: Key criteria for successful implementation (Bachelor, University of Munich)
- Julia Mannl: Climate protection in Munich: Perception and assessment of experts and non-experts (Bachelor, University of Munich)
- Sebastian Wimmer: Emergency management in Bavaria: Impacts of demographic development and climate change on the structures of the Bavarian fire departments (Bachelor, University of Munich)
- Sina Robra: Climate protection of the city of Munich: Structure, implementation, issues (Bachelor, University of Munich)
- Anna Borufka: European Water Framework Directive and its implementation in Bavaria (Bachelor, University of Munich)
- Patrizia Steinhauser: Local adaptation strategies to climate change: Community climate protection using the example of Nuremberg (Bachelor, University of Munich)
- Frederik Scholze: Preventive flood protection at the River Rhine and the River Elbe: A comparative analysis of the cities of Cologne and Dresden (Bachelor, University of Munich).

4.1 ORGANIZER AND COORDINATOR (selection of total 17)

- Franco-German Expert-Workshop *Urban Resilience and Crisis Management*, 28-30 September 2016, Lyon, France
- German-Japanese Workshop *Co-Designing Resilient Cities*, 1-2 October 2012, Tokyo, Japan
- LOICZ Open Science Conference *Coastal Systems, Global Change and Sustainability*, 12-15 September 2011, Yantai, China
- Young LOICZ Forum *Capacity Building for Understanding Global Change in the Asia-Pacific Region*, 8-15 September 2011, Yantai, China
- International Storm Surges Congress *Risk and Management of Current and Future Storm Surges*, 13-17 September 2010, Hamburg, Germany
- International Workshop *Global Environmental Change in the Coastal Zone: A Socio-Ecological Integration*, 15-19 June 2009, Oslo, Norway
- International Workshop *Governance of Human Activities in Changing Coastal Ecosystems*, 18-20 February 2008, Rhode Island, USA
- International Workshop *Science-Policy Interactions towards Enhanced Management of Coastal Systems in South Asia*, 24-27 October 2007, Male, Maldives
- International Workshop *Dynamics and Vulnerability of Deltaic Social-Ecological Systems*, 26-28 September 2007, Boulder, USA
- International Workshop *Governance of Human Activities in Changing Coastal Ecosystems*, 1-3 May 2007, Cork, Ireland
- IGU Conference *Geomorphic Hazards: Towards the Prevention of Natural Disasters*, 1-3 November 2003, Mexico City, Mexico
- UNDP International Workshop *Measuring Vulnerability to Food Insecurity under the Conditions of Drought*, 12/13 October 2001, Bonn, Germany.

4.2 INVITED KEYNOTES AND PARTICIPATION (selection of total 76)

- „Reflections on the internationalization of social sciences“. Laboratoire d'Excellence Round Table, 25. November 2016, Lyon, France
- „Global environmental assessments and the difficulties of scientific knowledge production“. École normale supérieure de Lyon, 10 November 2015, Lyon, France
- EmBRACE Final Conference *Framing Community Disaster Resilience: Resources, Capacities, Learning and Action*, 9 September 2015, London, UK
- WMO/USAID Expert Forum *Disaster Risk Reduction in a Changing Climate*, 10-13 February 2015, Antalya, Turkey
- “Towards co-designing resilience: boundaries of a contemporary concept”. Society for Risk Analysis Conference *Analysis and Governance of Risks beyond Boundaries*, 16 June 2014, Istanbul, Turkey
- “Scientific knowledge and climate change adaptation”. Spanish Royal Academy of Sciences Meeting *Conocimiento científico y adaptación al cambio climático*, 29 April 2014, Madrid, Spain
- “Designing resilient communities”. 5. Indo-German Frontiers of Engineering Symposium, 14 March 2013, Hyderabad, India
- ESSP/ICSU Workshop *Integrated Global Change Research: Co-designing Knowledge across Scientific Fields, National Borders and User Groups*, 7-9 March 2012, Berlin, Germany

- “Barriers in the science-policy-practice interface: toward a knowledge-action-system in disaster research”. IRDR Conference *Disaster Risk: Integrating Science and Practice*, 2 November 2011, Beijing, China
- “Vulnerability science and the vulnerability of science”. 22. Asia Pacific Science Congress *Meeting the Challenges of Global Changes*, 15 June 2011, Kuala Lumpur, Malaysia
- “Challenges in assessing social vulnerability”. International Conference *Industrial Transformation, Urbanization, and Human Security in the Asia-Pacific*, 14 January 2011, Taipei, Taiwan
- “Bridging the Science-Policy-Practice Interface: From Risk Assessment to Action”. Workshop *Complexity and Risk Management*, 13 October 2010, Le Bourget du Lac, France
- “Social dimensions of risk and vulnerability: state of research”. International Storm Surges Congress *Risk and Management of Current and Future Storm Surges*, 16 September 2010, Hamburg, Germany
- “Capacity-building activities: experiences of a global project”. EAS Congress *Partnerships at Work: Local Implementation and Good Practices*, 23 November 2009, Manila, Philippines
- “Linking science, policy, and practice in natural disaster mitigation: difficulties in collaborative knowledge production”. UNESCO-IOC/UNDP Regional Seminar *Tsunami Risk Assessment and Mitigation for Indian Ocean Countries*, 4 November 2009, Bangkok, Thailand
- “Land-Ocean interactions in the coastal zone”. EMECS8 *Harmonizing River Catchment and Estuary*, 29 October 2008, Shanghai, China
- “Impacts of scientific vulnerability assessments”. EU JRC Technical Seminar *Integrating Socio-Economic and Remote Sensing Information for Food Security and Vulnerability Analyses*, 11 October 2007, Ispra, Italy
- “Disaster management in the 21st century: trends and challenges”. 5. Guy Carpenter Workshop *Reinsurance in Germany*, 7 October 2004, Munich, Germany
- “Vulnerability assessment: three practical examples”, Study Meeting, Ministry of Natural Resources and Environment, 7 September 2004, Ho Chi Minh City, Vietnam

4.3 ACCEPTED CONFERENCE PRESENTATIONS (selection of total 21)

- “Linking science and practice in disaster mitigation: barriers, bridges, propositions”. AAAS Meeting *Science and Technology for Sustainable Well-Being*, 19 February 2007, San Francisco, USA
- “Flood mitigation in the Mekong delta”. 7. European Sociological Association Conference *Rethinking Inequalities*, 9 September 2005, Torun, Poland
- “Do we fear the right things? Public risk perception in the Middle Rhine Basin, Germany”. Study Meeting of the Association of Japanese Geographers, 29 March 2005, Tokyo, Japan
- “Challenges in European flood risk management: lessons learned from the Upper Tisza Basin, Hungary”. EuroConference *Science for Water Policy: The Implications of the Water Framework Directive*, 3 September 2002, Norwich, UK
- “The risk of risk assessment: from re-active disaster management to pro-active invulnerable development”. 15. ISA World Congress of Sociology *The Social World in the 21st Century: Ambivalent Legacies and Rising Challenges*, 12 July 2002, Brisbane, Australia.

4.4 MEDIA (selection of total 10)

- Bayerischer Rundfunk: *Environmental protection and smartphones*. 1 December 2014
- Radio Taiwan International: *Fukushima and hazard research*. 14 March 2011
- Deutschlandfunk: *Natural disasters and mitigation*. 31 October 2010
- Terre TV: *Natural risks*. 28 November 2008
- NDR Wissenschaftsmagazin: *Harmful algae blooms*. 3 August 2008.

5

PUBLICATIONS

5.1 BIBLIOMETRIC INDICES (as 01.12.2016)

- Most cited publications: #36 (327), #28 (151)
- Publications with the highest impact factor: #28 (7.784), #19 (5.162)
- h-index: 13, i10-index: 15

5.2 Books (peer-reviewed)

1. **Weichselgartner J.** (2013): *Risk – Knowledge – Change: Structures and Discourses of Problem-oriented Environmental Research*. Oekom, Munich, 283 pp. (in German)
2. Dikau R., **Weichselgartner J.** (2005): *Restless Planet: Mankind and Natural Forces*. Wissenschaftliche Buchgesellschaft, Darmstadt, 191 pp. (in German)
3. **Weichselgartner J.** (2002): *Natural Hazards as Social Construction: A Geographical Observation of the Societal Discussion of Natural Risks*. Shaker, Aachen, 246 pp. (in German)

5.3 BOOK CHAPTERS (peer-reviewed)

4. **Weichselgartner J.**, Guézo B., Beerlage I., Després C., Fekete A., Hufschmidt G., Lussignoli O., Marrel J., Marty P., Mey-Richters S., Naumann J., Wienand I. (accepted): Urban resilience and crisis management: Perspectives from France and Germany. In: Fekete A., Fiedrich F. (eds.): *Urban Disaster Resilience and Security: Novel Approaches for Dealing with Risks in Societies*. Springer, Berlin.
5. Bubeck P., Otto A., **Weichselgartner J.** (accepted): Societal impacts of flood hazards. In: Cutter S. (ed.): *Oxford Research Encyclopedia of Natural Hazard Science*. Oxford University Press.
6. **Weichselgartner J.** (accepted): Flood vulnerability in Cantabria, Spain. In: Felgentreff C., Glade T. (eds.): *Natural Risks – Social Disasters*. 2. edition. Spektrum, Heidelberg. (in German)
7. Hufschmidt G., **Weichselgartner J.**, Dikau R. (accepted): Risk: Concepts, approaches, discourses. In: Felgentreff C., Glade T. (eds.): *Natural Risks – Social Disasters*. 2. edition. Spektrum, Heidelberg. (in German)
8. **Weichselgartner J.** (2017): Complexity and uncertainty. In: Karutz H., Geier W., Mitschke T. (eds.): *Civil Protection: Emergency Preparedness and Crisis Management in Theory and Practice*. Springer, Berlin, S. 60-67. (in German)
9. **Weichselgartner J.**, Karutz H. (2017): Knowledge production in civil protection. In: Karutz H., Geier W., Mitschke T. (eds.): *Civil Protection: Emergency Preparedness and Crisis Management in Theory and Practice*. Springer, Berlin, S. 70-74. (in German)
10. **Weichselgartner J.**, Truffer B. (2015): From co-production of knowledge to transdisciplinary research: lessons from the quest for producing socially robust knowledge. In: Werlen B. (ed.): *Global Sustainability, Cultural Perspectives and Challenges for Transdisciplinary Integrated Research*. Springer, Berlin, pp. 89-106.
11. **Weichselgartner J.**, Brévière E. (2011): The 2002 flood disaster in the Elbe region, Germany: a lack of context-sensitive knowledge. In: Dowty R.A., Allen B.L. (eds.): *Dynamics of Disaster: Lessons on Risk, Response, and Recovery*. Earthscan, London, pp. 141-157.
12. **Weichselgartner J.** (2011): Integrating science, policy, and practice for the mitigation of natural disasters: barriers, bridges, propositions. In: Kasperson R.E., Berberian M. (eds.): *Integrating Science and Policy: Vulnerability and Resilience in Global Environmental Change*. Earthscan, London, pp. 51-96.

13. **Weichselgartner** J. (2008): Flood vulnerability in Cantabria, Spain. In: Felgentreff C., Glade T. (eds.): *Natural Risks – Social Disasters*. Spektrum, Heidelberg, pp. 325-336. (in German)
14. **Weichselgartner** J. (2004): Changer au rythme des changements: les défis s'adressant à la gestion des risques naturels. In: Garry G., Meschiné de Richemond N., Veyret Y. (eds.): *Risques naturels et aménagement en Europe*. Armand Colin, Paris, pp. 212-221.
15. **Weichselgartner** J., Bertens J. (2002): Natural disaster reduction in Europe: a Don Quixotic project in a changing world? In: Brebbia C. (ed.): *Risk Analysis III*. WIT Press, Southampton, pp. 233-242.
16. Bertens J., **Weichselgartner** J. (2001): Assessing hydrological impacts facing lack of data: hydrological minimalism. In: Brebbia C., Anagnostopoulos P., Katsifarakis K., Cheng A.H.D. (eds.): *Water Resources Management*. WIT Press, Southampton, pp. 239-248.
17. **Weichselgartner** J., Bertens J. (2000): Natural disasters: acts of God, nature or society? On the social relation to natural hazards. In: Brebbia C. (ed.): *Risk Analysis II*. WIT Press, Southampton, pp. 3-12.

5.4 JOURNAL ARTICLES (peer-reviewed)

18. **Weichselgartner** J., Bubeck P. (in review): Differenzierung von Wissen in der Risikogesellschaft: Wir wissen mehr, als wir zu tun vermögen. *Geographische Zeitschrift*.
19. **Weichselgartner** J., Norton J., Chantry G., Brévière E., Pigeon P., Guezo B. (accepted): Culture, connaissance et réduction des risques de catastrophe: Liens critiques pour une transformation sociétale durable. *VertigO*.
20. **Weichselgartner** J., Kelman I. (2015): Geographies of resilience: challenges and opportunities of a descriptive concept. *Progress in Human Geography* 39 (3): 249-267.
21. **Weichselgartner** J., Pigeon P. (2015): The role of knowledge in disaster risk reduction. *International Journal of Disaster Risk Science* 6 (2): 107-116.
22. Spiekermann R., Kienberger S., Norton J., Briones F., **Weichselgartner** J. (2015): The disaster-knowledge matrix: reframing and evaluating the knowledge challenges in disaster risk reduction. *International Journal of Disaster Risk Reduction* (13): 96-108.
23. **Weichselgartner** J., Gross B. (2015): Modernes Risikomanagement: Zwischen Robustheit und Resilienz. *Bevölkerungsschutz* (1): 12-17.
24. Newton A., **Weichselgartner** J. (2014): Hotspots of coastal vulnerability: a DPSIR analysis to find societal pathways and responses. *Estuarine, Coastal and Shelf Science* (140): 123-133.
25. **Weichselgartner** J., Kelman I. (2014): Challenges and opportunities for building urban resilience. *A/Z Journal* 11 (1): 20-35.
26. **Weichselgartner** J., Newton A., Tang C., Omuombo C. (2013): Capacity building in the Asia-Pacific region: The Young LOICZ Forum 2011. *APN Science Bulletin* (3): 50-55.
27. **Weichselgartner** J., Marandino C.A. (2012): Priority knowledge for marine environments: grand challenges at the science-society nexus. *Current Opinion in Environmental Sustainability* 4 (3): 323-330.
28. **Weichselgartner** J. (2012): Agglomerationsraum Tokio: Ressourcen, Risiken, Relationen. *Geographie und Schule* 34 (196): 22-27.
29. **Weichselgartner** J., Kasperson R.E. (2010): Barriers in the science-policy-practice interface: toward a knowledge-action-system in global environmental change research. *Global Environmental Change* 20 (2): 266-277.
30. **Weichselgartner** J. (2006): Soziale Verwundbarkeit und Wissen. *Geographische Zeitschrift* 94 (1): 15-26.
31. **Weichselgartner** J., Haruyama S. (2005): Floodplain planning in Germany: harmonizing flood prevention and development efforts. *Journal of Rural Planning Association* 24 (3): 210-214.
32. **Weichselgartner** J., Sendzimir J. (2004): Resolving the paradox: food for thought on the wider dimensions of natural disasters. *Mountain Research and Development* 24 (1): 4-9.
33. **Weichselgartner** J. (2003): Toward a policy-relevant hazard geography: critical comments on geographic natural hazard research. *Die Erde* 134 (2): 121-138.

34. **Weichselgartner** J. (2003): Nach der Elbeflut 2002: Und danach? – Nachtrag zur transdisziplinären Hochwasserforschung. *GAIA* 12 (4): 245-248.
35. **Weichselgartner** J., Obersteiner M. (2002): Knowing sufficient and applying more: challenges in hazards management. *Global Environmental Change Part B: Environmental Hazards* 4 (2-3): 73-77.
36. **Weichselgartner** J., Deutsch M. (2002): Die Bewertung der Verwundbarkeit als Hochwasserschutzkonzept: Aktuelle und historische Betrachtungen. *Hydrologie und Wasserbewirtschaftung* 46 (3): 102-110.
37. **Weichselgartner** J. (2001): Disaster mitigation: the concept of vulnerability revisited. *Disaster Prevention and Management* 10 (2): 85-94.
38. **Weichselgartner** J. (2000): Hochwasser als soziales Ereignis: Gesellschaftliche Faktoren einer Naturgefahr. *Hydrologie und Wasserbewirtschaftung* 44 (3): 122-131.

5.5 CONTRIBUTION TO NATIONAL AND INTERNATIONAL REPORTS

39. Guézo B., Dubuis M., Di Rocco C., Marrel J. & **Weichselgartner** J. (in print): *Urban Resilience and Crisis Management: Perspectives from France and Germany*. Cerema, Lyon.
40. Hufschmidt G., Fekete A. (2016): *Atlas of Vulnerability and Resilience: Pilot version for Germany, Austria, Liechtenstein and Switzerland*. Cologne and Bonn.
41. Federal Ministry for Economic Cooperation and Development (2008): *Disaster Risk Management: Contributions by German Development Cooperation*. BMZ, Bonn.
42. Benson, C., Twigg, J. (2004): *Measuring Mitigation: Methodologies for Assessing Natural Hazard Risks and the Net Benefits of Mitigation*. ProVention Consortium, Geneva.
43. United Nations Development Programme (2004): *Reducing Disaster Risk: A Challenge for Development*. UNDP, Bureau for Crisis Prevention and Recovery, New York.
44. Inter-American Development Bank (2003): *Comprehensive Risk Management by Communities and Local Government*. IDB, Washington, D.C.

5.6 EXTENSION PUBLICATIONS (selection of 23)

45. **Weichselgartner** J. (2016): Vulnerability as a concept in science and practice. In: Fekete A., Hufschmidt G. (eds.): *Atlas of Vulnerability and Resilience: Pilot version for Germany, Austria, Liechtenstein and Switzerland*. Cologne, pp. 20-21.
46. **Weichselgartner** J. (2016): Transformation sociétale et changement climatique. *Perspectives* (14): 16-18.
47. Menoni S., **Weichselgartner** J., Dandoulaki M., Valkanou N., Jimenez M.J., Garcia-Fernandez M., Kienberger S., Spiekermann R., Pigeon P., Briones F., Norton J., Nussbaum R. (2014): Enabling knowledge for disaster risk reduction in integration to climate change adaptation. Input Paper for the Global Assessment Report on Disaster Risk Reduction 2015. United Nations International Strategy for Disaster Risk Reduction, Geneva.
48. **Weichselgartner** J. (2007): Integrating science and practice for the mitigation of natural disasters: barriers, bridges, propositions. CID Working Paper No. 21. Harvard University, Center for International Development, Cambridge.
49. Sanchez-Rodriguez R., Pacyna J., O'Brien K., Fragkias M., Rosentrater L., **Weichselgartner** J. (2007): Introduction: global environmental change, natural disasters, vulnerability and their implications for human security in coastal urban areas. *IHDP Update* (2): 4-5.
50. **Weichselgartner** J. (2005): Some remarks on flood vulnerability and capacity. In: Haruyama S. (ed.): *Changes in river systems caused by human activities: The case of Mekong River*. Report No. 16251001. Tokyo University, pp. 51-63.

6

RESEARCH STAYS ABROAD

(Longer than 3 months)

Country: France

Host: University of Lyon, Collegium de Lyon

Period: 09/2015 – 07/2016

Function: Research

Country: Taiwan

Host: National Taiwan Normal University, Graduate Institute of Environmental Education

Period: 12/2010 – 03/2011

Function: Teaching (sabbatical)

Country: USA

Host: Harvard University, Kennedy School of Government

Period: 03/2006 – 02/2007

Function: Research

Country: Japan

Host: University of Tokyo, Institute of Environmental Studies

Period: 05/2004 – 02/2006

Function: Research and teaching

Country: Austria

Host: International Institute for Applied Systems Analysis (IIASA)

Period: 03/2002 – 02/2004

Function: Research

Country: Spain

Host: University of Cantabria, Department of Earth Sciences

Period: 03/1999 – 02/2001

Function: Research, PhD program

Country: Spain

Host: University of Cantabria, Department of Earth Sciences

Period: 10/1996 – 03/1997

Function: Foreign term

Country: Malta

Host: University of Malta, Mediterranean Institute

Period: 02/1995 – 06/1995

Function: Foreign term

Country: Malta

Host: Ministry for Agriculture and Fisheries

Period: 02/1994 – 04/1994

Function: Internship