

Paulina Schiappacasse

Dr. rer. nat

Geographer and Urban and Regional Planner

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Current Position(s)

Senior Researcher and Lecturer, Dresden University of Technology / Technische Universität Dresden (one of the German Universities of Excellence), Faculty of Environmental Sciences, since 2005, and

Scientific Coordinator, Dresden Leibniz Graduate School (DLGS), since 2010

Educational Background

Dr. rer. nat., Technische Universität Dresden, 2007

Diploma in Human Settlements in Latin America and the Caribbean, University of Chile-Economic Commission for Latin America, United Nations, 2000

Diploma in Urban Economics, Faculty of Economics, Catholic University of Chile, 1998

Master of Science in Urban and Regional Planning, University of Chile, 1998

Bachelor in Geography, University of Chile, 1988

Academic and Consulting Experience

- ✓ Senior Researcher, Faculty of Environmental Sciences, Dresden University of Technology (TU Dresden), Dresden, since 2005
- ✓ Scientific Coordinator of the Dresden Leibniz Graduate School (DLGS), since 2010
- ✓ Senior Lecturer, International Postgraduate Training Programme on Environmental Management for Developing and Emerging Countries, UNEP/UNESCO/BMU, Centre for International Postgraduate Studies of Environmental Management (CIPSEM), Dresden University of Technology, Dresden, since 2009
- ✓ Senior Lecturer. Chair of Spatial Development, Dresden University of Technology (TU Dresden), Dresden, 2005-2019
- ✓ Assistant Professor, Department of Geography, Faculty of Architecture and Urban Studies, University of Chile, Santiago de Chile, 1997-2012
- ✓ Independent consultant to the Ministry of Education for the Curricula Reform Process in Chile, 2003
- ✓ Coordinator Chilean-German University Network. University of Chile, 2000-2003
- ✓ Professor, Department of Geographical Engineering, Faculty of Engineering, University of Santiago, Santiago de Chile, 1999-2003
- ✓ Expert member of the Geography Commission to Elaborate the National University Test. Catholic University of Chile, 2002
- ✓ Professor, School of Ecotourism, Andres Bello University, Santiago de Chile, 2000-2002
- ✓ Assistant Professor, Master Program in Geography, University of San Juan, Argentina, 1999-2000

- ✓ Consultant to the Santiago Metropolitan Government for the Development of a Metropolitan Sustainable Master Plan (in the OTAS Project, conducted in coordination with GTZ), Chile, 2000-2001
- ✓ Consultant to Fulcrum Engineering Consulting, Santiago, Chile, 1997-1998. Environmental and Social Impact Assessments consulting services, including assessments, EIA reports, mitigation and planning strategies
- ✓ Consultant to “Oceano Publishing House”, Barcelona for the publication of the “Encyclopedia of Chile”, 1998
- ✓ Consultant to Montealegre and Beach Architects for the Evaluation of the carrying capacity of Andre Jarland Park in Santiago, Chile, 1997
- ✓ Consultant to the Ministry of Housing for the Precarious National Dwellings Cadaster in Chile, 1996-1997
- ✓ Assistant Lecturer, Department of Geography, Faculty of Architecture and Urban Studies, University of Chile, Santiago de Chile, 1995-1999
- ✓ Consultant to the Applied Ecology Center Consulting for the Environmental Impact Assessment of the Surire Mining Plant, Chile, 1995
- ✓ Consultant to the Gas Company of Chile and the Trans-Andean Gas Pipeline Company for identifying and assessing property rights of way, 1994
- ✓ Consultant to the Ministry of Housing for Assessing the Rural - Social Housing Development Projects in Chile, 1994
- ✓ CADE-IDEPE Engineering & Consulting. Environmental and Social Impact Assessments consulting services, including assessments, EIA reports, mitigation and planning strategies, 1993
- ✓ Consultant to GESAM-Chile and Ecology and Environment, Buffalo-USA for the environmental impact assessment of the Pangué reservoir construction in the Biobío Basin, Chile, 1991
- ✓ Researcher and Participant in the Chilean 1990/91 Expedition to Antarctica, Livingstone Island, Summer 1990/1991
- ✓ Research Assistant, Department of Geography, Faculty of Architecture and Urban Studies, University of Chile, Santiago de Chile, 1987-1994

Research Projects (since 2010)

- ✓ TRANS-URBAN-EU-China. Transition towards urban sustainability through socially integrative cities in the EU and in China-Urban-EU-China. European Union Horizon 2020, co-researcher, 2017-2020
- ✓ Management of Mineral Resource extraction in Hoa Binh Province. A contribution to Sustainable Development in Vietnam. Financed by the Federal Ministry of Education and Research, Germany., co-researcher, 2014-2017
- ✓ Advanced manufacturing – why the city matters. Perspectives for international development cooperation. Chair of Spatial Development/German National Academy of Science and Engineering (acatech) for GIZ/BMZ, co-researcher, 2014
- ✓ Urban and regional resilience – a practical assessment. Chair of Spatial Development, Dresden University of Technology, Project Coordinator, 2013-2014

- ✓ Analyzing and comparing local climate change adaptation strategies in metropolitan areas - what can we learn? Chair of Spatial Development, Dresden University of Technology, Project Coordinator, 2012-2013
- ✓ Climate change adaptation. Comparison of local climate change adaptation approaches. Chair of Spatial Development, Dresden University of Technology, Project Coordinator, 2010 - 2011
- ✓ Urban resilience. Cities' reaction on changes. Chair of Spatial Development, Dresden University of Technology, Project Coordinator, 2009-2010

Experience in International Academic Cooperation

- ✓ Germany – Indonesia (Universitas Pembangunan Jaya). Joint Master Seminar Program and student exchange. Topic: The private city: opportunities and challenges. September 2019
- ✓ Germany-Slovakia (Slovak Technical University). Joint Master Seminar Program and student exchange. Topic: Revitalisation of Obchodna Street, Bratislava. September 2018
- ✓ Germany-Japan (Nagoya University). Joint Master Seminar Program and student exchange. Topic: Urban development and Environmental Risk Management. The case of Tsushima, Japan. September 2016
- ✓ Germany – Latvia (University of Latvia.) Joint Master Seminar Program and student exchange. Topic: Demographic Change and Urban Development in European countries: New Challenges ahead. August 2014 and August 2015
- ✓ Germany-Turkey (Ankara University). Joint Master Seminar Program and student exchange. Topic: Cities on the way to sustainability. Sungurlu, Turkey. May, 2013
- ✓ Germany – Vietnam (National University) Joint Summer School on Environmental Planning, Land Use and Monitoring. Hanoi, October 2011
- ✓ Germany-Slovakia (Slovak Technical University). Joint Summer School: A metropolis with a green heart y. Bratislava, July 2009
- ✓ Germany–USA (The Ohio State University, Columbus, Ohio), long-term cooperation and student exchange (joint student projects). 2005 to 2012
- ✓ Chilean-German University Network (in cooperation with GTZ). Coordinator of a postgraduate training course on Planning for Metropolitan Areas, Santiago de Chile. August 2002
- ✓ APRU (Association Pacific Rim Universités). Participation III Meeting organise by UCLA, California and Peking University. August 2001

Publications (since 2015)

- ✓ Schiappacasse, P., B. Müller, T.L. Braekov. 2019. Planned new urban expansion areas in Europe. The role of technological innovation in enhancing living environments. In: The e-Future of Cities. Edited by B. Stojkov. Academy of Engineering Sciences in Serbia, University of Belgrade
- ✓ Schiappacasse, P. B. Müller., Le Thuy Linh. 2019. Towards Responsible Aggregate Mining in Vietnam. Resources, 8, 138
- ✓ Müller, B., P. Schiappacasse, S. Roßler et al., 2018.D 3.1 Report on the current framework and situation of urban renewal, urban expansion as well as land management and banking (incl. land administration) in China and Europe. TRANS-URBAN-EU-CHINA Research Project.

- ✓ Müller, B., P. Schiappacasse et al., 2018. D 6.6 Workshop Report on “Theoretical aspects of transition towards urban sustainability and the role of socially integrative cities”. TRANS-URBAN-EU-CHINA Research Project.
- ✓ Schiappacasse, P., B. Müller. 2018. One fits all? Resilience as a multipurpose concept in regional and environmental development. *Raumforsch Raumordn Spat Res Plan* 76:51-64.
- ✓ Schiappacasse, P. 2018. Operationalizing urban resilience. Learning from the past while preparing for the future. The case of Dresden, Germany. Chapter 17. In: *Towards the implementation of the New Urban Agenda*. Springer.
- ✓ Schiappacasse, P., B. Müller. 2018. Identifying Gaps and Opportunities for Research on Urban and Regional Resilience – Highlighting the advantages of research cooperation. Chapter 17. In: *Towards the implementation of the New Urban Agenda*. Springer.
- ✓ Schiappacasse, P., B. Müller. 2016. Green Infrastructure as a Source of Urban and Regional resilience – Towards Institutional Challenges. *Urbani izziv* 26 [Online]
- ✓ Müller, B., P. Schiappacasse. Advanced manufacturing – why the city matters. Perspectives for international development cooperation. In: Müller, B., O. Herzog. *Industry 4.0 and urban development. The case of India*. acatech Materialien, 2015.
- ✓ Müller, B., P. Schiappacasse. 2015. Was heißt hier resilient?! *LandInform* 2/2015:14-15.

Presentations/Participation in Congresses and Workshops (since 2015)

- ✓ Socially Integrative Cities: From concept to policy implementation. AAAS Annual Meeting, Seattle, WA, February 15 2020
- ✓ City and regional planning: Guiding development in metropolitan areas? International Summer School “Urban strangulation: constricted cities in a rapid private urban development”, Universitas Pembangunan Jaya, Jakarta, Indonesia, September 2, 2019
- ✓ Towards the socially integrative city: inputs from the literature and policy review. Trans-urban EU-China Project Meeting Workshop on Theoretical aspects of transition towards urban sustainability and the role of socially integrative cities. Beijing, September 6, 2018
- ✓ Regional planning for aggregate mining in fast growing countries. The Case of Hoa Binh Province, Vietnam. Humboldt Kolleg in Indonesia. Jakarta, July 25 2017
- ✓ Business Policy Interface (BPI) as a Platform for the Responsible Management of the Extraction of Aggregates: The Case of Hoa Binh Province, Vietnam. Dresden Nexus Conference. Dresden, May 17, 2017
- ✓ Regional planning for aggregate mining in fast growing countries. The Case of Hia Binh Province, Vietnam. Humboldt Kolleg in Indonesia. Jakarta, July 25 2017
- ✓ Business Policy Interface (BPI) as a Platform for the Responsible Management of the Extraction of Aggregates: The Case of Hoa Binh Province, Vietnam. Dresden Nexus Conference. Dresden, May 17, 2017
- ✓ Resilience to environmental risk in the Andean Piedmont. The case of Santiago de Chile. International Congress on Green Urban Futures. Mountain and the City. New Delhi, 9-10 February 2017
- ✓ Development of a Business Policy Interface (BPI) for the sustainable management of aggregates ‘extraction. Workshop on Smart City-Regional Governance for Sustainability - Experimental Smartness. Dresden, Germany, October 6, 2016

- ✓ Business-Policy Interface as a discussion platform for promoting the sustainable management of aggregate's extraction. MAREX PROJECT Workshop: Management der Gewinnung mineralischer Ressourcen in der Provinz Hoa Binh – Ein Beitrag zur nachhaltigen Entwicklung in Vietnam. Dresden, Germany June 27, 2016
- ✓ Urban and regional resilience- scoping gaps and opportunities for research. Open Seminar: Towards sustainability and resilient urban planning. Nagoya, October 25, 2015
- ✓ Planning green infrastructure as a source for urban and regional resilience – institutional challenges. Spa-ce.net Conference on Green Infrastructure. Ljubljana, Slovenia, September 28, 2015.

Refereeing of Projects and Papers

Evaluator of projects and papers for the following institutions and journals:

- ✓ Sustainability, open access journal from MDPI
- ✓ Land, open access journal from MDPI
- ✓ Journal of Building Research and Information, London
- ✓ Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT-CHILE)
- ✓ Revista Notas de Población. CELADE-División de Población de la CEPAL. Economic Commission for Latin America and the Caribbean (ECLAC)
- ✓ Revista de Ciencias Sociales. Departamento de Ciencias Sociales de la Universidad Arturo Prat Iquique, Chile.
- ✓ Raumforschung und Raumordnung (RuR) / Spatial Research and Planning. Akademie für Raumforschung und Landesplanung (ARL), Hannover

Languages

Spanish	Mother tongue
English	Fluent in Writing and Speaking
German	Advanced in Writing and Speaking
Italian	Advanced in Writing and Speaking

Dresden, January 2020