

Curriculum Vitae

PERSONAL INFORMATION

Title First Name Sir Name: Univ.-Prof. Dr. Gernot Stöglehner

📍 University of Natural Resources and Life Sciences Vienna (BOKU)
Institute of Spatial Planning, Environmental Planning and Land
Rearrangement (IRUB) Peter-Jordan-Straße 82, 1190 Vienna, Austria



EDUCATION AND TRAINING

Jul 2010	Habilitation in Environmental Planning at BOKU
Oct 1999 – Jul 2003	Doctoral Study in the field of Landscape Planning at BOKU – Graduation with excellence on July 8 th , 2003
Feb 1995 – Jun 1998	Post-graduate Diploma 'Environmental engineering' at BOKU – Graduation with excellence on June 3 rd , 2003
1989 – 1995	Diploma Studies 'Landscape Planning & Landscape Management' at BOKU – Graduation with excellence on Feb 3 rd , 1995

WORK EXPERIENCE

since Aug 2016	Full Professor in Spatial Planning at BOKU; Department of Landscape, Spatial and Infrastructure Sciences
Apr 2011 – Jul 2016	Associate Professor in Environmental Planning at BOKU; Department of Landscape Spatial and Infrastructure Sciences
Aug 2008 – Oct 2008	Visiting Lecturer at Griffith University, Griffith School of Environment, Brisbane (Australia)
Jun 2008 – Aug 2008	Visiting Lecturer at Murdoch University, School of Environmental Sciences, Perth (Australia)
Jan 2004 – Nov 2004	Parental leave
Since 2004	4 research stays at Kyoto University, Kyoto and Nihon University, Tokyo (Japan)
Nov 1999 – Mar 2011	Institute of Spatial Planning and Rural Development; Department of Spatial, Landscape and Infrastructure Sciences at BOKU as Research Assistant
1995 – Nov 1999	Civil Engineer Architect Peter Horacek, Linz (Austria): Spatial planning and architecture

AREAS OF EXPERTISE

Integrated Spatial and Energy Planning, Sustainable Spatial Planning and Development, Strategic Spatial Planning, Development of Planning Methods and Planning Tools including environmental and sustainability assessments, Planning Theory and Quality of Planning, Shaping the 3rd Mission of Universities including further Education

Selected Publications:

- Camargo, L.R., Stoeglehner, G. (2018): Spatiotemporal modelling for integrated spatial and energy planning. *Energy, Sustainability and Society*, 8:32, 1-29.
- Meyer, J., Pillei, M., Zimmermann, F., Stoeglehner, G. (2018): Customized Education as a Framework for Strengthening Collaboration between Higher Education Institutions and Regional Actors in Sustainable Development—Lessons from Albania and Kosovo. *Sustainability* 10(11), 3941: 1-17.
- Erker, S., Stangl, R., Stoeglehner, G. (2017): Resilience in the light of energy crises - Part I: A framework to conceptualise regional energy resilience. *Journal of Cleaner Production* 164: 495-507.
- Erker, S., Stangl, R., Stoeglehner, G. (2017): Resilience in the light of energy crises - Part II: Application of the regional energy resilience assessment. *Journal of Cleaner Production* 164: 420-433.
- Stoeglehner, G., Neugebauer, G., Erker, S., Narodoslawsky, M. (2016): Integrated Spatial and Energy Planning – Supporting Climate Protection and the Energy Turn by Means of Spatial Planning. Springer.
- Camargo, L.R.; Zink, R.; Dorner, W.; Stoeglehner, G. (2015): Spatio-temporal modeling of roof-top photovoltaic panels for improved technical potential assessment and electricity peak load offsetting at the municipal scale. *Computers, Environment and Urban Systems* 52: 58-69.
- Neugebauer, G.; Kretschmer, F.; Kollmann, R.; Narodoslawsky, M.; Ertl, T.; Stoeglehner, G. (2015): Mapping Thermal Energy Resource Potentials from Wastewater Treatment Plants. *Sustainability* 7(10): 12988-13010.
- Stoeglehner, G., Baaske, W., Mitter, H., Niemetz, N., Kettl, K.H., Weiss, M., Lancaster, B., Neugebauer, G. (2014): Sustainability appraisal of residential energy demand and supply - a life cycle approach including heating, electricity, embodied energy and mobility. *Energy, Sustainability and Society*, 4:24, 1-13.
- Peer, V., Stoeglehner, G. (2013): Universities as change agents for sustainability - framing the role of knowledge transfer and generation in regional development processes. *Journal of Cleaner Production* 44: 85-95.
- Stoeglehner, G., Neugebauer, G. (2013): Integrating Sustainability Assessment into Planning: benefits and challenges. In: Bond, A., Morrison-Saunders, A., Howitt R. (Eds.) *Sustainability Assessment: Pluralism, Practice and Progress*. First ed. London: Routledge.
- Stoeglehner, G., Niemetz, N., Kettl, K.-H. (2011): Spatial dimensions of sustainable energy systems: new visions for integrated spatial and energy planning. *Energy, Sustainability and Society*, 1, 1-9.

Selected Research Projects:

- Energy Concepts - A contribution to Local Spatial Planning in Styria. 2016-2018.
- Eco.District.Heat. – Potentials and restrictions of grid bound heat and cold systems in urban quarters. Climate and Energy Fund, 2016-2017.
- Integration of Wastewater Infrastructure into Regional Energy Supply Concepts - Spatial Planning (Abwasserenergie); Climate and Energy Fund, 2013-2016.
- Infrastructure Costs for Settlements and Industrial Areas. Government of Lower Austria. 2013-2016.
- Expert support of the ÖREK partnership "Integrated Spatial and Energy Planning". BMLFUW, 2012-2014.
- Vital Landscapes: Valorisation and Sustainable Development of Landscapes using Innovative Participation and Visualisation Techniques. European Regional Development Fund 2010-2013.
- PlanVision - Visions for an energy optimized spatial planning system. Climate and Energy Fund, 2009-2011.

Further activities:

- Coordination of the BOKU-Energy Cluster since 2016, a platform of all BOKU Institutes involved in energy research, teaching and further education
- Co-author of the BOKU Further Education Strategy and the respective quality assurance guidelines
- Head of the Institute of Spatial Planning, Environmental Planning and Land Rearrangement since 2016
- Design and implementation of further education courses and modules at BOKU since 2001
- 8 short term guest lecturerships at European Universities
- Member of Curriculum Committee Landscape Planning and Landscape Architecture since 2004
- broad teaching experience in lectures, design studios, project work, seminars, thesis supervision since 2000
- regular participation in didactical trainings since 2005
- Editorial-Board-Member of the *Journal of Energy, Sustainability and Society* (Springer)