



Environmental Science, Engineering and Technology

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Editors

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Christoph Aubrecht is affiliated with the AIT Austrian Institute of Technology and is currently working as a GI technology and disaster risk information specialist at the World Bank and GFDRR in Washington DC. He is an external lecturer at the University of Vienna and a cooperative doctoral researcher at Vienna University of Technology. Mr. Aubrecht's research interests focus on multi-dimensional spatio-temporal modeling related to urban and environmental studies as well as disaster risk management.

Mr. Aubrecht has a degree in geography and GI science from the University of Vienna. He was a visiting scientist and foreign national research affiliate at NOAA's

National Geophysical Data Center (NGDC) as well as at Columbia University's CIESIN and at the Spatial Sciences Institute of the University of Southern California.

Sérgio Freire is currently research assistant at e-GEO, Research Centre for Geography and Regional Planning, Nova University of Lisbon, Portugal. With a master's in geography from the University of Kansas (USA), he has worked at the National Center for Geographic Information (Portugal) and at the Portuguese Geographic Institute, namely researching land use and land cover change and developing forest fire risk mapping methods. Current research activities include feature extraction from very high resolution satellite imagery, digital soil mapping, and improving risk mapping and assessment through spatio-temporal modeling of population exposure.



Klaus Steinnocher is a senior scientist at the AIT Austrian Institute of Technology in Vienna, Austria. He has a background in geodetic science and holds a doctoral degree in remote sensing from the Vienna University of Technology. He is an external lecturer at the University of Vienna and at the University of Applied Science in Wr. Neustadt. Over the last 20 years Dr. Steinnocher has been involved in applied research for environmental planning and land use analyses. His current research covers Integrative Spatial Analysis and joint modeling of socio-economic information and geospatial data, with a focus on population modeling and spatial disaggregation of multi-level information in both spatial and temporal domains.

Research projects aim at decision support in the context of Spatial Planning, Vulnerability assessment, Risk and Crisis management.

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