



Davide Geneletti is an Associate Professor at the Department of Civil, Environmental and Mechanical Engineering of the University of Trento. He was Mid-career Research Fellow in the Sustainability Science Program at Harvard University (2010-11) and Visiting Scholar at Stanford University's Woods Institute for the Environment (2014).

He conducted over 30 capacity-building events and training courses on spatial decision support systems, multicriteria analysis and environmental assessment and planning. Recently at: Annual conference of the International Association for Impact Assessment (2011-2015); Thule Institute, University of Oulu (2015); Pontificia Universidad Catolica de Chile; Centro Andaluz de Medio Ambiente; World Congress of the International Association for Landscape Ecology.

He has published widely in field of environmental assessment, multicriteria analysis, spatial decision support systems and land use planning.

He consulted and performed project review and monitoring for several public bodies internationally, including UNEP, UN-Habitat, the European Commission, the Government of Chile, the UK Nuclear Decommissioning Authority, and the Romanian Government.

Websites: <http://www.ing.unitn.it/~genelett>; www.planningfores.com

Selection of relevant publications

- Geneletti, D. and Alias Abdullah (Eds) (2016). Spatial decision support for urban and environmental planning. A collection of case studies. Revised and expanded edition. Kuala Lumpur: IIUM Press.
- Geneletti, D. and Ferretti, V. (2016). Multicriteria analysis for sustainability assessment: concepts and case studies. In: A. Morrison-Saunders, J. Pope and A. Bond (Eds), Handbook of Sustainability Assessment. Edgar Elgar Publishing.
- Uribe, D, Geneletti, D, del Castillo, R, Orsi, F (2014). Integrating Stakeholder Preferences and GIS-Based Multicriteria Analysis to Identify Forest Landscape Restoration Priorities. *Sustainability* 2014, 6(2), 935-951
- Bagli, S, Geneletti, D, Orsi, F. (2011) Routeing of power lines through least-cost path analysis and multicriteria evaluation to minimise environmental impacts, *Environmental Impact Assessment Review*. 31, 234-239.
- Geneletti, D. Combining stakeholder analysis and spatial multicriteria evaluation to select and rank inert landfill sites, *Waste Management*. (2010) 328-337.
- Geneletti, D. Duren, I. Protected area zoning for conservation and use: a GIS-based integration of multicriteria and multiobjective analysis, *Landscape and Urban Planning*. 85 (2008) 97-110.



Valentina Ferretti is a Fellow in Decision Science in the Department of Management of the London School of Economics and Political Science. Dr Ferretti's areas of expertise focus on two main themes. The first one is Choice Architecture and, in particular, the modelling of judgments that can be used in public policy making and management contexts. The second one is environmental impact assessment of projects, policies and programmes, paying particular attention to their spatial dimension. From the synergic blend of these two areas, her research interests

focus on exploring behavioural issues in spatial decision making processes and on developing judgement-based analytics for supporting innovative policy design.

Dr Ferretti's research experience led her to a strong track record of international publications in interdisciplinary journals. One of her papers was awarded the Wiley Practice Prize by the International Society on Multi-Criteria Decision Making in 2011, her Ph.D. thesis received the Giorgio Leonardi best Ph.D. thesis award in 2012 and one of her most recent projects is presently selected among the finalists for the 2017 INFORMS Innovative Applications of Analytics Award.

Dr Ferretti holds research visiting positions at the London School of Economics and Political Science (UK), at the University of Pittsburgh (US), at the University of Southern California (Los Angeles, US), in the LAMSADE CNRS Laboratory at Université Paris Dauphine (France), in the Faculty of Geo-Information Science and Earth Observation at the University of Twente (Enschede, The Netherlands), at the Institute of Mathematical Sciences of Madrid (Spain), at the University of Adger (Norway) and at Aalto University (Helsinki, Finland). In addition, Dr Ferretti has been Invited lecturer at Ecole Centrale Paris (France) and at the University of Oxford (UK).

Selection of relevant publications

- Ferretti V., Montibeller G. (2016). Key challenges and meta-choices in spatial multicriteria evaluation for environmental decision-making. *Decision Support Systems*, 84: 41-52.
- Comino E., Ferretti, V. (2016). Indicators-based spatial SWOT analysis for supporting the strategic planning and management of a national park with multiple exceptional values. *Ecological Indicators*, 60: 1104-1117.
- Ferretti V., Comino E. (2015) An integrated framework to assess complex cultural and natural heritage systems with Multi-Attribute Value Theory. *Journal of Cultural Heritage* 16(5): pp. 688-697.
- Boerboom L., Ferretti V. (2014) Actor Network Theory Perspective on a Forestry Decision Support System Design. *Scandinavian Journal of Forest Research*, 29, 84-95.
- Ferretti V. (2011) A Multicriteria- Spatial Decision Support System (MC-SDSS) development for siting a landfill in the Province of Torino (Italy), *Journal of Multi-Criteria Decision Analysis*, 18, 231-252.