

## PROF. DAVIDE GENELETTI

*Professor of Environmental Planning and Assessment, Department of Civil, Environmental and Mechanical Engineering, University of Trento, Italy.*  
Website: [www.planes.dicam.unitn.it](http://www.planes.dicam.unitn.it)

### Profile

Head of the Planning for Ecosystem Services and Urban Sustainability Lab. Specialised in impact assessment of projects and plans; urban climate adaptation; ecosystem services and nature-based solutions; multicriteria analysis. Formerly Research Fellow at Harvard University and Visiting Scholar at Stanford University. Consultant for UNEP, UN-HABITAT, and the European Commission. Awarded with the F.W. Bessel Research Award by the Alexander von Humboldt Foundation for his scientific activity in the field of environmental planning. Principal Investigator/Work Package leader in over 15 international research projects. Member of the SUSTEEM PhD School at the University of Trento. I supervised/co-supervised over 20 PhD students.

**Bibliometric profile:** ORCID: 0000-0002-5528-3365. Highly-cited researcher (top 2%) by Stanford-Elsevier standardised list since 2020.

### MAIN ACADEMIC APPOINTMENTS

2021-Present	Professor, University of Trento
2017	Visiting Scientist, Environmental and Conservation Sciences, Murdoch University, Western Australia
2015	External Researcher, Finnish Environment Institute (SYKE)
2014-2021	Associate Professor, University of Trento
2014-Present	Adjunct Professor, Landscape Planning, Free University of Bozen
2014	Visiting Scholar, Woods Institute for the Environment, Stanford University
2010-2011	Mid-career Research Fellow, Sustainability Science Program, Harvard University
2010	Visiting Professor, Pontificia Universidad Catolica de Chile
2006-2014	Researcher, Faculty of Engineering, University of Trento
2007	Visiting Associate Professor, Faculty of Architecture and Environmental Design, International Islamic University of Malaysia
2004- 2006	Adjunct Professor, Environmental planning and assessment, Faculty of Engineering, University of Trento

### MAIN RESEARCH GRANTS (LAST 5 YEARS)

European Commission – Horizon Europe Research and Innovation, SELINA: Science for Evidence-based and sustainabLe decisions about NATural capital, PI for UNITN (Coordinating Institution: Hannover University), 60 months, 2022-2027,

European Commission – Horizon Europe Coordination and Support Action, BioAgora: Biodiversity Knowledge Agora: Developing the Science Service for European Research and Biodiversity Policymaking, PI for UNITN (Coordinating Institution: Finnish Environment Institute), 60 months, 2022-2027

European Commission – Horizon Europe Coordination and Support Action, SOLO: Soils for Europe, PI for UNITN (Coordinating Institution: Leipzig University), 60 months, 2022-2027

European Commission – Horizon Europe Research and Innovation, BioValue: Biodiversity value in spatial policy and planning leveraging multi-level and transformative change, PI for UNITN (Coordinating Institution: Instituto Superior Tecnico), 36 months, 2022-2025

University of Trento – “COVID-19” Research Grant Programme, NASCENT: Nature-based solutions for pandemic and climate-resilient cities, PI, 24 months, 2021-2022,

European Commission – DG Environment Action, MOVE-ON: From case studies to anchor projects- Setting the ground to advance MAES in Europe's overseas, PI for UNITN (Coordinating Institution: *Fundo Regional para a Ciência e Tecnologia*), 36 months, 2019-2022,

European Commission – Horizon 2020 Coordination and Support Action, RENATURE: promoting Research Excellence in NAture-based soluTions for innovation, sUustainable economic GRowth and human wELL-being in Malta, PI for UNITN (Coordinating Institution: Malta College of Arts, Science and Technology), 36 months (2018-2021)

European Commission – DG Environment Action, MOVE: Facilitating MAES to support regional policies in overseas Europe: Mobilizing stakeholders and pooling resources, PI for UNITN (Coordinating Institution: *Fundo Regional para a Ciência e Tecnologia*), 36 months, 2018-2021,

European Commission - Horizon 2020 Innovation Action, InnoForEST: Smart information, governance and business innovations for sustainable supply and payment mechanisms for forest ecosystem services, Principal Investigator (PI) for UNITN (Coordinating Institution: Eberswalde University for Sustainable Development), 36 months (2017-2020),

### MAIN AWARDS and HONORS

- "Friedrich Wilhelm Bessel Research Award" conferred by the Alexander von Humboldt-Stiftung/ Foundation in recognition of past accomplishments in research (2021)
- "City Innovative Thinker Award", MIT Pandemic Response CoLab, Post-COVID-19 Challenge (2021)
- "José María Sarriegi Major Catastrophe Research Award", Fundación Aon España, (2019)
- "Giorgio Ruffolo Mid-Career Fellowship in Sustainability Science", Harvard University (2010-2011)

### SELECTED RECENT PUBLICATIONS

Longato, D., Cortinovis, C., Balzan, M., & Geneletti, D. (2023). A method to prioritize and allocate nature-based solutions in urban areas based on ecosystem service demand. *Landscape and Urban Planning*, 235, 104743. <https://doi.org/10.1016/j.landurbplan.2023.104743>

Kato-Huerta, J., & Geneletti, D. (2023). A distributive environmental justice index to support green space planning in cities. *Landscape and Urban Planning*, 229, 104592. [doi.org/10.1016/j.landurbplan.2022.104592](https://doi.org/10.1016/j.landurbplan.2022.104592)

Cortinovis, C., Geneletti, D., & Haase, D. (2022). Higher immigration and lower land take rates are driving a new densification wave in European cities. *npj Urban Sustainability*, 2(1), 1-14. [doi.org/10.1038/s42949-022-00062-0](https://doi.org/10.1038/s42949-022-00062-0)

Geneletti, D., Cortinovis, C., & Zardo, L. (2022). Simulating crowding of urban green areas to manage access during lockdowns. *Landscape and Urban Planning*, 219, 104319.

Geneletti D, Adem Esmail B, Cortinovis C, Arany I, Balzan M, van Beukering P, Bicking S, Borges PA, Borisova B, et al. (2020) Ecosystem services mapping and assessment for policy- and decision-making: Lessons learned from a comparative analysis of European case studies. *One Ecosystem* 5: e53111. <https://doi.org/10.3897/oneeco.5.e53111>

Cortinovis, C., & Geneletti, D. (2020). A performance-based planning approach integrating supply and demand of urban ecosystem services. *Landscape and Urban Planning*, 201. <https://doi.org/10.1016/j.landurbplan.2020.103842>

Geneletti, D, Cortinovis, C, Zardo, L, Adem Esmail, B (2020). Planning for ecosystem services in cities. Springer International Publishing. <https://doi.org/10.1007/978-3-030-20024-4>

Geneletti, D (2019). Multicriteria analysis for environmental decision-making. Anthem Press.

Cortinovis, C., & Geneletti, D. (2019). A framework to explore the effects of urban planning decisions on regulating ecosystem services in cities. *Ecosystem Services*, 38, 100946. [doi:10.1016/j.ecoser.2019.100946](https://doi.org/10.1016/j.ecoser.2019.100946)

Geneletti, D., Scolozzi, R. & Adem Esmail, B. (2018) Assessing ecosystem services and biodiversity tradeoffs across agricultural landscapes in a mountain region, *International Journal of Biodiversity Science, Ecosystem Services & Management*, 14:1, 189-209. DOI: 10.1080/21513732.2018.1526214

Geneletti, D (2016) (Ed). Handbook on biodiversity and ecosystem services in impact assessment. Edward Elgar Publishing. Cheltenham, UK and Northampton, MA, USA. ISBN: 9781783478989.