PhD supervisor
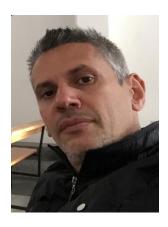
Name: Riccardo
Surname: Privitera
Department of Civil Engineering and Architecture,
University of Catania (Italy)
Position: Assistant Professor of Urban and Regional Planning (with National Scientific Qualification for Associate Professor, 2018)
Language(s): Italian, English, German
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Postal address: Via Santa Sofia 64, 95123, Catania, Italy

Potential areas for PhD supervision:

Urban nature and ecosystem services for human health and wellbeing
Economic feasibility assessment of urban transformation through transfer of development rights
New forms of agriculture in urban and peri-urban contexts
Urban regeneration through green infrastructure and transit-oriented development strategies

Supervising experience

16 MSc Students, 2 PHD students

Employment history:

Assistant Professor (currently) of Urban and Spatial Planning (Tecnica e Pianificazione Urbanistica, SSD ICAR/20, SC 08/F1), at the Department of Civil Engineering and Architecture (DICAR), University of Catania, Italy.
Research Fellow (2014-2021), Department of Civil Engineering and Architecture (DICAR), University of Catania
Research Assistant (2011-2014), Department of Civil Engineering and Architecture (DICAR), University of Catania (Italy)
PhD (2008-2011) in 'Integrated Analysis, Planning and Land Management', Department of Civil Engineering and Architecture (DICAR), University of Catania (Italy)

Education

PhD in Urban and Spatial Planning, University of Catania (Italy)
MSc in Civil Engineering and Architecture, University of Catania (Italy)

Most relevant scientific Memberships:

European Land Use Institute (ELI) (www.eli-web.com), Valuing Nature Network (https://valuing-nature.net), Italian Society of Town Planners (SIU) (www.siu.bedita.net), Italian Town Planners, Lectures and Professors Network (UrbIng).

Editorial board: Acta Geobalcanica (http://acta.geobalcanica.info); **Editor** in 'Innovation in Urban and Regional Planning. INPUT 2021', Lecture Notes in Civil Engineering, vol 242. Springer, Cham. (https://doi.org/10.1007/978-3-030-96985-1_5); **Guest Editor** in 'Adaptation to Global Change: Modeling and Decision Support Tools in Urban Planning', Sustainability – MDPI Special Issue (https://www.mdpi.com/journal/sustainability/special_issues/Adaptation_change).

Reviewer for (selected): Landscape and Urban Planning, Sustainable Cities and Society, Sustainability, Journal of Cleaner Production, Ecological Indicators, Environment Development and Sustainability, Landscape Research, IForest

Recent Publications

- **Privitera R**., Ma J., 2022. Planning Green Spaces Investments for Improving Health and Well-Being in Cities Through Valuing Urban Nature. In: La Rosa D., Privitera R. (eds) Innovation in Urban and Regional Planning. INPUT 2021. Lecture Notes in Civil Engineering, vol 242. Springer, Cham. https://doi.org/10.1007/978-3-030-96985-1_5.

- Ma, J., Henneberry, J., **Privitera, R.,** 2021. The Challenges of Valuing Urban Nature: Accounting for Urban Ecosystem Services within the Framework of a Cost-Benefit Analysis of Nature-based Investments. In La Rosa, D., Privitera, R. (Eds.), Innovation in Urban and Regional Planning. Proceedings of the 11th INPUT Conference - Volume 1. Lecture Notes in Civil Engineering – Springer International Publishing. ISBN 978-3-030-68823-3, ISSN 2366-2557. DOI: 10.1007/978-3-030-68824-0.

- La Rosa D., **Privitera R.**, 2020. Green Infrastructure and Private Property: The Crucial Relationship for the Sustainable Future of Cities. In: Gervasi, O., Murgante, B., Misra, S., Garau, C., Blečić, I., Taniar, D., Apduhan, B.O., A.M.A.C. Rocha, Tarantino, E., Torre, C.M., Karaca, Y. (Eds.), Computational Science and Its Applications – ICCSA 2020. 20th International Conference, Cagliari, Italy, July 1–4, 2020, Proceedings, Part VII. Lecture Notes in Computer Science, Volume 12255. Springer, Cham. https://doi.org/10.1007/978-3-030-58820-5_29. Print ISBN 978-3-030-58819-9, Online ISBN 978-3-030-58820-5.

- Palme, M., **Privitera, R.**, La Rosa, D., 2020. The shading effects of Green Infrastructure in private residential areas: Building Performance Simulation to support Urban Planning. Energy and Buildings 229, 110531. https://doi.org/10.1016/j.enbuild.2020.110531

- Palme, M., La Rosa, D., **Privitera, R.**, Chiesa, G., 2019. Evaluating The Potential Energy Savings Of An Urban Green Infrastructure Through Environmental Simulation. In V. Corrado, E., Fabrizio, A., Gasparella, and F. Patuzzi (Eds) "Proceedings of Building Simulation 2019: 16th Conference of IBPSA", pp. 3524-3530 (ISBN: 978-1-7750520-1-2) (ISSN: 2522-2708), published by the International Building Performance Simulation Association (IBPSA).

-   **Privitera, R.**, La Rosa, D., 2018. Reducing seismic vulnerability and energy demand of cities through Green Infrastructure. Sustainability 10, 2591, pp. 1-21. ISSN: 2071-1050, DOI: 10.3390/su10082591

-   **Privitera, R.**, Palermo V., Martinico, F., Fichera, A., La Rosa, D., 2018. Towards lower carbon cities: urban morphology contribution in climate change adaptation strategies. European Planning Studies, 26:4, pp. 812-837. ISSN: 0965-4313 (Print) 1469-5944 (Online), DOI: 10.1080/09654313.2018.1426735

-   La Rosa, D., Takatori, C., Shimizu, H., **Privitera, R.**, 2018. A planning framework to evaluate demands and preferences by different social groups for accessibility to urban greenspaces. Sustainable Cities and Society 36, pp. 346-362. ISSN: 2210-6707, DOI: 10.1016/j.scs.2017.10.026

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