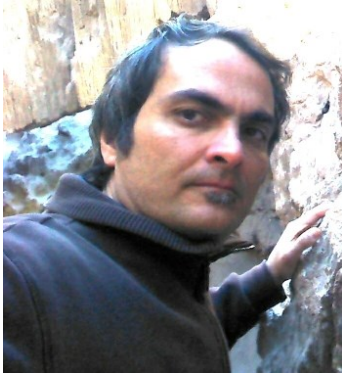




# PhD supervisor



**Name:** Daniele

**Surname:** La Rosa

Department of Civil Engineering and Architecture,  
University of Catania (Italy)

**Position:** Associate Professor of Urban and Environmental Planning  
(with National Habitation for Full Professor, 2021)

**Language(s):** Italian, English, Spanish, Portuguese

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## Potential areas for PhD supervision:

Managing of conflicting land-uses in coastal areas

Ecosystem services trade-offs in coastal areas

Planning and design of Nature-based solutions to address issues of coastal areas

Sustainable Urban development to ensure nature conservation and ecosystem services

## Supervising experience

12 MSD Students, 2 PHD students

## Employment history:

Assistant Professor, of Urban and Environmental Planning (Tecnica e Pianificazione Urbanistica, SSD ICAR/20, SC 08/F1), at the Department Civil Engineering and Architecture (DICAR), University of Catania, Italy.

Research Assistant (2008-2010), Department Civil Engineering and Architecture (DICAR), University of Catania (Italy)

PhD in “Integrated Analysis, Planning and Management of the Territory” at University of Catania (Italy) (2010-2012).

Research Fellow (2006-2008), Department Civil Engineering and Architecture (DICAR), University of Catania (Italy)

Research Fellow (2005-2006), Environmental Protection Agency of Lombardy (Italy)

Research Fellow (2003-2005), Department of Spatial Planning, Polytechnic of Milan (Italy)

## Education

PhD in Urban and Regional Planning, University of Catania (Italy)

MSD in Soil and Water Engineering. Polytechnic of Milan (Italy)

MSc in Environmental Engineering, Polytechnic of Milan (Italy)

## Most relevant scientific Memberships:

[European Land-Use Institute](#) (urban chapter); Scientific board of the European Land Use Institute ([www.eli-web.com](http://www.eli-web.com)); European Node of Global Land Project (<http://www.globallandproject.org>); Society of Urban Ecology ([www.society-urban-ecology.org](http://www.society-urban-ecology.org)), International Association of Landscape Ecology (working group “[Urban and peri-urban governance](#)”), Società Italiana degli Urbanisti ([www.siu.bedita.net](http://www.siu.bedita.net)).

**Editorial board:** [Nature-based Solutions](#) (Elsevier), [Ecosystem Services, Change and Adaptation in Socio-Ecological Systems](#) (Versita/de Gruyter), Acta Geobalcanica (<http://acta.geobalcanica.info>), [Socio-Ecological Practice Research](#) (Springer),

**Reviewer for (selected):** Landscape and Urban Planning, Land Use Policy, Sustainable Cities and Society, Sustainability, Ecological Indicators, Journal of Environmental Management, Landscape Ecology, Landscape Research, Urban Ecosystems, Agriculture Ecosystems & Environment, Journal of Applied Ecology, International Journal of Urban Sustainable Development, Earth Science Informatics, Urban Forestry & Urban Greening.

## Reviewer for Research projects:

Horizon Europe (expert), Cost Action, ETH Zurich, KU Leuven,

## Recent Publications on ISI journals

- K. Grunewald, O. Bastian, J. Louda , A. Arcidiacono, P. Brzoska , M. Bue , N.I. Cetin, C. Dworczyk, L. Dubovac, A. Fitch , L. Jones, **D. La Rosa**, A. Mascarenhas, S. Ronchi, M.A. Schlaepfe, D. Sikorskan, A. Tezer (2021). Lessons learned from implementing the ecosystem services concept in urban planning. *Ecosystem Services*, <https://doi.org/10.1016/j.ecoser.2021.101273>
- Pamukcu-Albers P., Ugolini F., **La Rosa D.**, Gradinaru S. R., Azevedo J. C., Wu J., (2021) Building green infrastructure to enhance urban resilience to climate change and pandemics. *Landscape Ecology*, <https://doi.org/10.1007/s10980-021-01212-y>
- Grace M., Balzan M, Collier M, Geneletti D, Tomaskinova J, Abela R, Borg D, Buhagiar G, Camilleri L, Cardona M, Cassar N, Cassar F, Cattafi I, Cauchi D, Galea C, **La Rosa D**, Malekkidou E, Masini M, Portelli P, Pungetti G, Spagnol M, Zahra J, Zammit A, Dicks L V. (2021). Priority knowledge needs for implementing nature-based solutions in the Mediterranean islands. *Environmental Science and Policy* 116, 56-68, <https://doi.org/10.1016/j.envsci.2020.10.003>
- 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>

- Yue W., Chen Y., **La Rosa D.**, (2020) Which communities have better accessibility to green space? An investigation into environmental inequality using big data, *Landscape and Urban Planning*, 204 c, <https://doi.org/10.1016/j.landurbplan.2020.103919>
- Spyra M., **La Rosa D.**, Zasada I., Sylla M., Shkaruba A. (2020). Governance of ecosystem services trade-offs in peri-urban landscapes. *Land Use Policy*, 104617, <https://doi.org/10.1016/j.landusepol.2020.104617>
- Gimenez-Maranges M, Pappalardo P, **La Rosa D.**, Breuste J., Hof A. (2020). The transition to adaptive storm-water management: learning from existing experiences in Italy and Southern France, *Sustainable Cities and Society* 55, <https://doi.org/10.1016/j.scs.2020.102061>
- **La Rosa D.**, Pappalardo V. (2020). Planning for spatial equity - A performance based approach for Sustainable Urban Drainage Systems. *Sustainable Cities and Society* 53, 101885, <https://doi.org/10.1016/j.scs.2019.101885>
- Pappalardo V., **La Rosa D.**, (2019). Policies for Sustainable Drainage Systems in urban contexts within performance-based planning approaches. *Sustainable Cities and Society*, 101830, <https://doi.org/10.1016/j.scs.2019.101830>
- Wu C; Li J. , Wang C., Song C., Chen Y, Finka M., **La Rosa D.** (2019). Understanding the Relationship between Urban Blue Infrastructure and Land Surface Temperature. *Science of the Total Environment* 694C (2019) 133742. Doi: <https://doi.org/10.1016/j.scitotenv.2019.133742>
- Spyra M., Kleemann K, Cetin N. I., Vazquez Navarrete C. J., Albert C, Palacios-Agundez I, Ametzaga-Arregi I, **La Rosa D.**, Rozas-Vasquez D, . Esmail B. A, Picchi P., Geneletti D., Konig H. J., Koo H. M., Kopperoinen L., Furst C. (2019). The ecosystem services concept: a new Esperanto to facilitate participatory planning processes? *Landscape Ecology* 34 (7), 1715–1735, doi:10.1007/s10980-018-0745-6