



Nourhan Hamdy

📍 Home : Italy

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ABOUT ME

As an architect and urban planner, I am deeply committed to exploring and advancing sustainable community-driven development in urban areas. I am an early-stage researcher Marie Curie fellow researching the blue economy and sustainable community-based development in coastal cities. My focus is on empowering coastal communities for a sustainable transition and resilient territory development. With valuable international experience in academic and research modules, and collaborating on innovative urban solutions, I am dedicated to advancing sustainable practices and fostering community resilience in coastal cities through research and international experiences.

EDUCATION AND TRAINING

[01/11/2020 – 19/04/2024]

PH.D. IN ARCHITECTURE (URBAN REGENERATION)

Università degli Studi Mediterranea, Reggio Calabria, Italy

Field(s) of study: Urban Regeneration | **Final grade:** Ottimo con lode | **Thesis:** Investigating and Analysing Blue Economy in Calabria

- A member of the PRIN 2017-funded SOUND project and the HORIZON 2020-funded Marie Skłodowska-Curie RISE TRENd project.
- Conducted focused research on Calabria's Blue Economy, emphasizing coastal cities and community-based development, while deepening expertise in marine ecosystem services and maritime spatial planning.
- Received academic training in data analysis and urban challenges.
- Collaborated on research with international scholars.

[09/2021 – 08/2022]

VISITING SCHOLAR

Northeastern University, Boston, United States

Field(s) of study: Economics ; Public Policy and Urban Affairs

- Participated in a 12-month international research and training program as part of the European TRENd project, funded by the Marie Skłodowska-Curie RISE Research Project under the European Union's HORIZON 2020 Programme
- Completed two academic courses:
 - a. Mathematics and Statistics for Economists (ECON 5105): Gained proficiency in statistical analysis and data manipulation using RStudio
 - b. The 21st Century City (PPUA 6201): Explored a multidisciplinary examination of the complexities of cities and urbanism
- Collaborated with local and international researchers, and actively participated in the publication of project outcomes

POSTGRADUATE INTERNATIONAL MODULE IN SPATIAL DEVELOPMENT PLANNING PARTICIPANT

[03/2021 – 05/2021]

KU Leuven, Leuven, Belgium

Field(s) of study: Spatial Development Planning

- Completed a 3-month intensive teaching and research program on socio-economic development in spatial contexts, theories and approaches in spatial planning, and comparative analysis methodologies

[09/2013 – 07/2018]

LAUREA IN ARCHITECTURE

Faculty of Fine Arts, Helwan University, Cairo, Egypt

Field(s) of study: Architecture

- Completed comprehensive architectural studies.
- Engaged in courses covering Environmental Studies, Architecture Design, and Urban Planning.
- Engaged in team projects involving data analysis, visualization, and development planning.
- Gained insights into the intersection of architectural principles and urban sustainability.

LANGUAGE SKILLS

Mother tongue(s): Arabic **Other language(s):** English , Italian

DIGITAL SKILLS

My Digital Skills

R Language (RStudio) | Cytoscape | Gephi software | AutoCAD, Revit Architecture, | Microsoft Office | Adobe Indesign, Illustrator, Photoshop | 3D Modeling (3D-max, SchetchUp)

PUBLICATIONS

- [2023] [Assessing the Role of the Blue Economy in the Comprehensive Development of Lagging Coastal Areas. A Case Study of Calabria](#)
- [2023] [Navigating the Green Transition During the Pandemic Equitably: A New Perspective on Technological Resilience Among Boston Neighborhoods Facing the Shock](#)
- [2023] [Mapping Connections between Neighborhoods in Response to Community-Based Social Needs](#)
- [2022] [Spatializing Social Networking Analysis to Capture Local Innovation Flows towards Inclusive Transition](#)
- [2022] [From Deinstitutionalization to Community-Based Urban Development: Investigating Accessibility of Urban Systems in Calabria through Network Analytics](#)

CONFERENCES AND SEM-INARS

- [2023] **The International Conference & Exhibition for Science** Riyadh, Saudi Arabia
- [2022] **Helwan International Conference on Local and Global Climate Changes: The present and the future**
Cairo, Egypt
- [2021] **New Metropolitan Perspectives** Reggio Calabria, Italy
- [2021] **Ecocity World Summit** Rotterdam, Netherlands