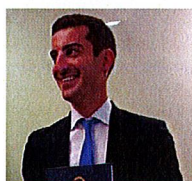


## PERSONAL INFORMATION

## Stefano Cascone



📍 Mediterranea University of Reggio Calabria  
Department of Architecture and Territory  
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🌐 [www.abitalab.unirc.it](http://www.abitalab.unirc.it)

Sex M | Date of birth 21/10/1991 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input checked="" type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

Jan. 2022 – in progress

### Researcher in Building Production

Department of Architecture and Territory of the Mediterranean University of Reggio Calabria

- Research project title: Innovative building envelope with high performance
- Coordinator: Prof. Adolfo Santini - Mediterranea University of Reggio Calabria

Jan. 2022 – in progress

### Member of the ABITALab - Interuniversity Center for Bioecological Architecture and Technological Innovation for Architecture

Department of Architecture and Territory of the Mediterranean University of Reggio Calabria

- Coordinator: Prof. Consuelo Nava - Mediterranea University of Reggio Calabria

Jun. 2019 – Sep.2019

### Scientific consultant for the project "Recovery of the property confiscated from the mafia in via Cefaly n. 16" in Catania

Municipality of Catania, Italy

Feb. 2019 – Jul.2019

### Visiting Fellow

University of Lleida, Spain

- Coordinator: Prof. Gabriel Perez - University of Lleida

## EDUCATION AND TRAINING

Nov. 2020 – Jul 2021

### Master in "Management of public procurement. The new code of contracts, concessions, procurement and public-private partnerships" – V Edition

Niccolò Cusano University, Italy

- Thesis title: The execution of the public contract: the role of the construction manager
- Tutor: Prof. Paolo Fuoco - Niccolò Cusano University
- Final exam date: 07/07/2021

Nov. 2016 – Dec. 2019

### Ph.D in "Assessment and mitigation of urban and territorial risks" – XXXII Cycle

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

- Thesis title: Innovative solutions and performance assessment of green roofs

- Tutor: Prof. Gaetano Sciuto – University of Catania
- Thesis group: Prof. Antonio Gagliano – University of Catania  
Prof.ssa Tiziana Poli – Politecnico di Milano
- Final exam date : 20/12/2019

Oct. 2010 – Jul. 2015

**Master's degree in Building Engineering and Architecture (5-years)**

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

- Thesis title: A university residence in the former "Minerva" Cinema in Catania
- Tutor: Prof. Gaetano Sciuto – University of Catania
- Graduation date: 21/07/2015
- Graduation grade: 110/110 cum laude

**WORK ACTIVITIES**

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- |                              |   |
|------------------------------|---|
| <b>Awards</b>                | Since April 2021, he awarded the LEED Green Associate qualification and he became member of the U.S. Green Building Council.  |
| <b>Editorial activity</b>    | Member of the editorial board as Guest Editor of Sustainability journal (MDPI)<br>1 - Special Issue title: Sustainable "Passive" Strategies to Improve Resilience and Comfort in Urban Areas: The Role of Construction Materials and Citizens Involvement<br>2 - Special Issue title: Green Architectures and Infrastructures for the Urban Environment   |
| <b>Invited presentations</b> | 1 - Speaker at the "VII International Conference on Documentation, Conservation and Recovery of Architectural Heritage and Landscape Protection (ReUSO 2019)"<br>Place: Matera<br>Date: 23/10/2019-26/10/2019<br>Titled of the presented paper: Property confiscated from the Mafia: functional recovery and seismic improvement<br>2 - Speaker at the international conference "Sustainability in Energy and Buildings"<br>Place: Budapest (Hungary)<br>Date: 04/07/2019-05/07/2019<br>Titled of the presented paper: Cool roofs with variable thermal insulation: UHI mitigation and energy savings for several Italian cities<br>3 - Speaker at the "VII International Conference on Documentation, Conservation and Recovery of Architectural Heritage and Landscape Protection (ReUSO 2016)"<br>Place: Pavia<br>Date: 06/10/2016-08/10/2016<br>Titled of the presented paper: Recovery and reuse of abandoned buildings to be used as university residences. A case study in Catania |

**ADDITIONAL INFORMATION**

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**Publications** total number of publications in peer-review journals: 14  
total number of citations: 288  
H index: 8

- 1 - Rosso F, Peduzzi A, Diana L, Cascone S, Cecere C (2021). A sustainable approach towards the retrofit of the public housing building stock: Energy-architectural experimental and numerical analysis. SUSTAINABILITY, vol. 13, 2881, ISSN: 2071-1050
- 2 - Cascone S, Ingrao C, Valenti F, Porto S M C (2020). Energy and environmental assessment of plastic granule production from recycled greenhouse covering films in a circular economy perspective. JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol. 254, 109796, ISSN: 0301-4797
- 3 - Cascone S, Evola G, Gagliano A, Sciuto G, Baroetto Parisi C (2019). Laboratory and In-Situ Measurements for Thermal and Acoustic Performance of Straw Bales. SUSTAINABILITY, vol. 11, 5592, ISSN: 2071-1050
- 4 - Cascone S, Coma J, Gagliano A, Pérez G (2019). The evapotranspiration process in green roofs: A review. BUILDING AND ENVIRONMENT, vol. 147, p. 337-355, ISSN: 0360-1323
- 5 - Cascone S (2019). Green roof design: State of the art on technology and materials. SUSTAINABILITY, vol. 11, 3020, ISSN: 2071-1050
- 6 - Cascone S, Rapisarda R, Cascone D (2019). Physical properties of straw bales as a construction material: A

review. SUSTAINABILITY, vol. 11, 3388, ISSN: 2071-1050  
7 - Sciuto G, Cascone S, Evola G, Leone L (2019). Technological and performance issues in an intervention of retrofitting through greenery systems. TEMA, vol. 5, p. 141-154, ISSN: 2421-4574  
8 - Cascone S M, Cascone S, Tomasello N, Russo G (2019). The restoration of the faraglione tower of aci castello: combined use of a conservative approach and bim methodology. SUSTAINABLE MEDITERRANEAN CONSTRUCTION, vol. 2019, Issue N.1 Special Issue, p. 585-590, ISSN: 2420-8213  
9 - Cascone S, Catania F, Gagliano A, Sciuto G (2018). Energy performance and environmental and economic assessment of the platform frame system with compressed straw. ENERGY AND BUILDINGS, vol. 166, p. 83-92, ISSN: 0378-7788  
10 - Cascone S, Sciuto G (2018). Recovery and reuse of abandoned buildings for student housing: A case study in Catania, Italy. FRONTIERS OF ARCHITECTURAL RESEARCH, vol. 7, p. 510-520, ISSN: 2095-2643  
11 - Cascone S, Catania F, Gagliano A, Sciuto G (2018). A comprehensive study on green roof performance for retrofitting existing buildings. BUILDING AND ENVIRONMENT, vol. 136, p. 227-239, ISSN: 0360-1323  
12 - Cascone S, Gagliano A, Poli T, Sciuto G (2018). Thermal performance assessment of extensive green roofs investigating realistic vegetation-substrate configurations. BUILDING SIMULATION, vol. 12, p. 379-393, ISSN: 1996-3599  
13 - Cascone S, Russo G, Tomasello N (2018). An historical study on temporary and emergency post-disaster housing. TEMA, vol. 4, p. 47-58, ISSN 2421-4574  
14 - Cascone S, Sciuto G (2016). Nuove identità per edifici dismessi in centro storico: Recupero e rifunzionalizzazione dell'ex cinema Minerva a Catania. RECUPERO E CONSERVAZIONE, vol. 133, 27, ISSN: 2283-7558

Reggio Calabria, 21/02/2022

Stefano Cascone

