

INTRODUCTION



From sustainable to regenerative and resilient design

Climate change and the crisis of natural ecosystems force us to completely rethink the approach to design. The built space is one of the most responsible actors for the impoverishment of the biosphere. The damage perpetrated to the environment up to now has triggered degenerative models and processes, which require urgent interventions. From this perspective, the project must no longer be simply sustainable for the future but capable of regenerating resources and ecosystems in order to keep social needs together with the integrity of nature. In this context, the role played by civil, architectural and environmental engineers is of crucial importance to guarantee sustainable livelihood through protection of water resources, amelioration of soils, control of pollution, implementation of modern mobility systems, enhancement of the energy efficiency of buildings and planning of resilient cities.



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II



DEPARTMENT OF CIVIL
ARCHITECTURAL
AND ENVIRONMENTAL
ENGINEERING

DICEA PhD SCHOOL

This is the third edition of a series of PhD Schools that DICEA organizes annually in the framework of the project "Departments of Excellence", funded by the Italian Ministry of University and Research. PhD Students in any field are invited to participate free of charge.



Scuola Politecnica e delle Scienze di Base

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3rd edition Med PhD School

<https://www.dicea.unina.it/mediterranean-phd-school-2022/>



3rd edition – october 2022

FROM SUSTAINABLE TO REGENERATIVE AND RESILIENT DESIGN



ORGANIZING COMMITTEE

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ORGANIZATION OF THE SCHOOL



The PhD school will include a plenary session (yellow color, October 10, 11 and 12), which will focus on broader themes of global sustainability and regenerative design, four parallel thematic sessions (red color, October 13) and three side activities (blue color, October 10, 13, 14 and 15) on writing and presentation skills as well as on the use of monitoring equipment.

October 2022



SIDE-ACTIVITIES

In addition to attending lectures within the plenary and thematic sessions, PhD students will have the opportunity to be involved in complementary applied activities. Some PhD students will join working groups for the preparation of a 3-pages proposal draft to respond to an actual Horizon Europe call (activity A). Others will be selected (based on pre-submitted abstracts) to give a 10-15 min presentation of their research activities and main findings in front of an evaluating committee (Activity B). Others will have the chance to participate to lab and field demonstration of equipment for monitoring of natural and built environment (Activity C). **Awards are available for these three activities.** PhD students who wish to participate in these activities must indicate this in the application form, which can be downloaded from the website of the event.

INVITED SPEAKERS

Gianluca Botter (Padova, Italy)
Max Brandt (DG HOME, European Commission)
Niccolo Casas (Firenze, Italy)
Ennio Cascetta (Rome, Italy)
Biagio Ciuffo (Varese, Italy)
Lorenzo Diana (Naples, Italy)
Carlos Francisco Luca Dias Coelho (Lisbon, Portugal)
Gilda Ferrotti (Ancona, Italy)
Rudy Gargano (Cassino, Italy)
Rosanna La Rocca (Naples, Italy)
Mariacristina Lavagnolo (Padova, Italy)
Piet N.L. Lens (Galway, Ireland)
Vittorio Marzano (Naples, Italy)
Alessandro Melis (New York, USA)
Luigi Stendardo (Naples, Italy)
Alessandro Tarantino (Glasgow, Scotland)
Katerina Tsiampousi (Londra, UK)
Willy Verstraete (Gent, Belgium)
Floriana Zucaro (Naples, Italy)



VENUE OF THE EVENT

For participants willing to join the event in presence, the venue of the PhD School will be:

- Building 8 of Engineering campus – via Claudio 21, Naples
(<https://goo.gl/maps/XvGRZ2dmqrtq4keTA>)
- Main building of Engineering - Piazzale Tecchio 80, Naples
(<https://goo.gl/maps/tgdSEcAvcpkirip66>)

IMPORTANT DATES

September 17th
Registration deadline
Abstract submission deadline

October 1st
Notification of presentation acceptance
(for PhD student willing to participate to Activity B)

