

Presentation of Dottorato di Interesse Nazionale

The Doctoral course of National Interest (DIN, XXXIX Italian doctoral cycle) in EARTH processes, resources and risks for a Resilient society (EarthCare) is created to strengthen research chains at national level and to promote their participation in European and global strategic value chains. It falls in the general themes of “management of environmental, natural and anthropogenic risks”, “sustainable exploitation of resources”, and “building up of a resilient society”. Pillar of the DIN is the study of “Processes”, intended as all the natural phenomena and/or human actions that may impact society.

The DIN is administratively based on an Earth Science Department with a large and international expertise in study of natural processes and related hazards. The added value will be to contaminate this original nucleus with expertise from Engineering, Sociological, Economical, Physical, Chemical and Medical sciences.

In this framework, the DIN will contribute to the formation of a new, fully interdisciplinary generation of PhD students, enforcing their key competences and their capacity to transfer technological and scientific knowledge. The society will benefit of these studies through three main streams:

- 1) enhancement of scientific knowledge
- 2) technological transfer
- 3) communication strategies and techniques

Enhancement of scientific knowledge will produce better understanding of Environmental, Natural and Anthropogenic Processes, which underpin their related hazard and risks.

Technological transfer will produce benefits to the economy, also reducing losses from natural or human-induced disasters or improving the sustainable exploitation of resources.

The new communication strategies and techniques will strengthen the bridge from research to final stakeholders, intended as the general society, Civil Protection officers or public and private companies

The formative program of the DIN is pursuant with the new challenges proposed by the Italian National Research Plan (PNR) and the “HORIZON Europe 2030 Plan”.

The use of such an integrated framework unlocks unprecedented opportunities for the formation of experts, removing the fragmentation of information and strengthening a holistic management within a multi-disciplinary culture.

In such a way the DIN aims to develop a common input exchange protocol among the different thematic areas to ensure interoperability of models developed within and across them.

What to do if you want to adhere:

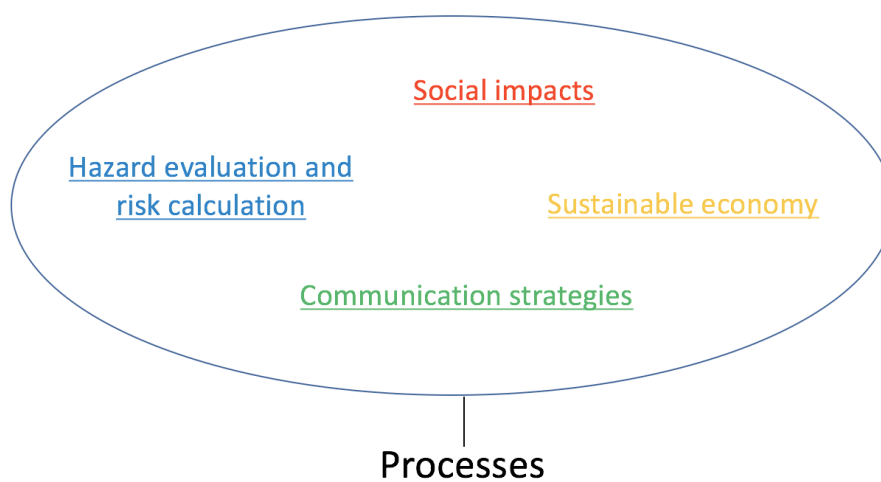
- To present a manifestation of interest to Roberto.sulpizio@uniba.it before April 26, 2023, comprehensive of the proposed title and the person(s) aimed to join the Doctoral College

- To specify the number of fellowships the University or Research Institute want to contribute

Time schedule:

- Before May 3. Collection of manifestations of interest
- May 2023. Signature of agreement between UNIBA and legal entities contributing to the DIN
- June 5. Deadline for submission of DIN proposal to ANVUR
- Before June 30. Publication of the call of DIN
- July-August 2023. Selection of candidates
- October 1, 2023. Beginning of DIN course XXXIX cycle

Proposed Curricula



Intentionally not ranked (except the Processes) to indicate their interconnection

Please, note that the number and name of the curricula may change depending on the requested fellowships

Roberto Sulpizio
Coordinator of DIN



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DEGLI STUDI DI BARI
ALDO MORO

DIPARTIMENTO DI
SCIENZE DELLA TERRA
E GEOAMBIENTALI