

UNIVERSITÉ **CÔTE D'AZUR** 

Academy

SPACE, ENVIRONMENT, RISK AND RESILIENCE

The *Space, Environment, Risk and Resilience* has a core interest in the relationships and interconnections between people, societies, environments, and the Earth.

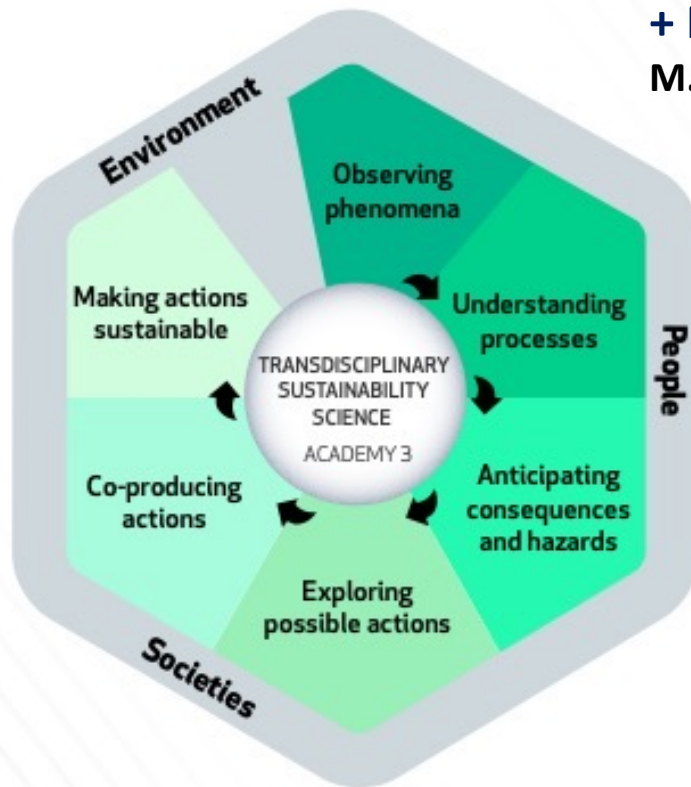
¶ Address environmental and societal issues in line with the Sustainable Development Goals (SDG) of the United Nation.

¶ Need to develop trans-disciplinary research that fuses natural and social sciences and integrates scientific experts, practitioners, and the civil society.

¶ Promote integrated projects and approaches spanning a continuum from fundamental observation and scientific understanding, to anticipation of consequences and hazards, exploration of coping strategies, co-production of management responses, and design of sustainable development pathways.

Fostering the construction of projects that are deliberately **trans-disciplinary**

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SPACE, ENVIRONMENT,
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+ **Master program**

M.Sc. Environmental Hazards and Risks Management

Academy-3 encourages projects within the framework of the clusters of UN SDGs

§ Anthropogenic hazards on human health, environments and global changes



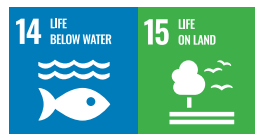
§ Natural hazards and impacts on environments, cities and societies



§ Energy- and resource-related environmental challenges



§ Threats on oceans and coastal areas



§ Risk assessment and management in relation to smart cities and territories



Academy -3 in a few words

Created in 2016 with the IDEX program of Université Côte d'Azur

Some key figures



9

Calls for projects
since 2016



66

funded projects
including 18 co-
financed with other
academies since 2016



1 900 000

awarded to
research and
scientific outreach
projects since 2016



8

workshops since
2016



1

International IDEX
Master of Excellence
degree program
created in 2019

2 calls in 2022 with two types of projects : « consortium » and « first »

<https://univ-cotedazur.fr/recherche-innovation/structures-de-recherche/academies-dexcellence/academie-3>



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SPACE, ENVIRONMENT,
RISK AND RESILIENCE

The Green Book

of the

Academy

Space, Environment, Risk and Resilience

Edited in 2020

Environment and
health hazards

Natural and
anthropogenic hazards
in Euro-Mediterranean
domain

Physics of large
earthquakes and
related hazards

Origin and Physics
of Universe
and Earth

December 2021, Forum events to foster trans-disciplinary works



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ACADÉMIE D'EXCELLENCE
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RISQUES ET RÉSILIENCE

IRD
Institut de Recherche
pour le Développement
FRANCE

L'Académie "Espace, Environnement, Risques et Résilience" & l'IRD
proposent le séminaire de rentrée

"RISQUES, RESILIENCE ET SOCIETE"

Le 3 décembre 2021 - Parc Phoenix, Nice

© Isabelle Manighetti

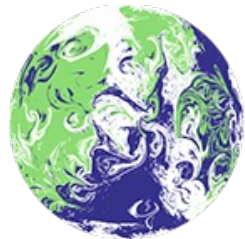
- I : Economie et environnement**
- II : La biodiversité en évolution**
- III : Environnement et territoires à risque**
- IV : Evènements extrêmes, culture du risque**
- V : L'imagerie au service des sociétés**
- VI : Penser et construire les sociétés de demain**

Next forum in January 2023

Participation to the COP



Université Côte d'Azur COP26 Position Paper



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**

IN PARTNERSHIP WITH ITALY



COP27
SHARM EL-SHEIKH
EGYPT 2022

Promote transdisciplinary research

To ensure the development of transdisciplinary research projects, Université Côte d'Azur has implemented five Academies of Excellence. All Academies address topics connected to climate change, and one is specifically dedicated to "Space, Environment, Risks and Resilience". With a dedicated annual budget, each Academy supports research, education, and outreach projects, that are transdisciplinary, innovative and international in scope. In addition to providing funding, the Academy supports the scaling up of the projects.

The Green Book

The "Space, Environment, Risks and Resilience" Academy published an activity report to highlight the 32 main projects that were supported. These projects involved around 200 scientists, 100 students of various levels, and over 30 PhD students. The 32 projects allowed a new landscape of research connections to be formed within Université Côte d'Azur and extending out into the national and international community.

Sara-Anne Comel, Oct. 2021