



Università  
Ca'Foscari  
Venezia

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**PROJECT ACRONYM AND TITLE:** HIGH-Med - Erasmus Mundus Integrated Master in Hydro-InfoGraphHics for Mediterranean and arid environments

**FUNDING PROGRAMME:** Erasmus Mundus

**Action:** KA2 – Erasmus Mundus Design Measure

**CALL:** 2021

**HOST DEPARTMENT/CENTRE:** Department of Environmental Sciences, Informatics and Statistics

**ACADEMIC COORDINATOR:** Professor Andrea Critto

**GRANT AGREEMENT NUMBER:** 101049949 - HIGHMED - ERASMUS-EDU-2021-EMJM-DESIGN

**FINANCIAL DATA:**

Project total costs:

€ 55,000

**PROJECT SUMMARY:**

The Erasmus Mundus Integrated Master's in Hydro-InfoGraphHics for Mediterranean and arid environments (HIGH-Med) will implement the preparatory activities to submit a full proposal on a new, highly integrated transnational Master's programme on innovative water management. HIGH-Med has an international character with partners from six countries; four universities from programme countries (Greece, Cyprus, Italy, Netherlands) along with three universities from partner countries (Jordan, Palestine).

This international consortium aspires to attract high calibre students, foster knowledge exchange and study visits in different countries (at least 1 partner and 1 programme country). The intended project timely responds to the water scarcity crisis in these regions with climate change impacts further exacerbating pressures on water quantity and quality. In arid regions, rain scarcity can trigger droughts affecting the availability and quality of surface and ground water, essential to sustain ecosystems and human activities. Sustainable water management should therefore be enhanced in these regions by training future water managers in new innovative methods and technologies. Hence, this project will focus on hydro-informatics, hydro-infographics and advanced risk assessment models to analyse accurately large datasets required for sustainable water management and to communicate this information effectively to decision makers. It will also focus on novel multi-hazard risk assessment tools for climate change assessment, new environmentally-friendly approaches (ecosystem-based approaches, nature-based solutions) and sensitive ecosystems (deltas, wetlands). Another ambition is to establish collaboration between university and public/private

organizations dealing with water. Currently there are few MUNDUS programmes focusing on water, but this is the first to focus on Mediterranean and arid environments that will train professionals in innovative sustainable water management approaches and technologies.

<b>Planned Start date</b>	<b>Planned End date</b>
01/09/2021	01/09/2022

**PARTNERSHIP:**

	<b>Organisation name</b>	<b>Country</b>	<b>Role</b>
1	International Hellenic University IHU	Greece	Applicant
2	Università Ca' Foscari di Venezia	Italy	Partner
3	Palestinian Technical Univeristy, Kadoorie	Palestine	Partner
4	Open University of Cyprus	Cyprus	Partner
5	Amman Arab University	Jordan	Partner
6	Stichting VU	Netherlands	Partner
7	Al-Quds University	Palestine	Partner