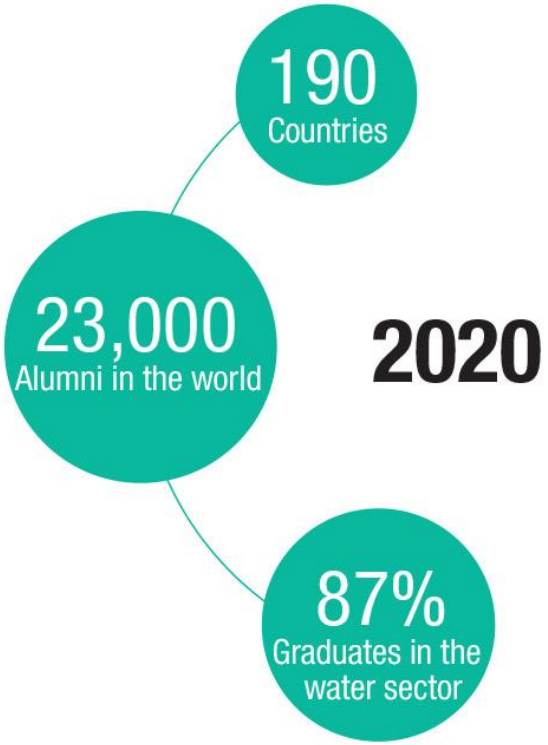
UNESCO IHE DELFT

SUSTAINABLE DEVELOPMENT GOALS





IHE Delft Institute for Water Education is the largest international graduate education institute in the field of water. The institute confers fully accredited MSc degrees and PhDs.

Since 1957 the Institute has provided education to more than 23,000 water professionals from over 190 countries, the vast majority from the developing world.

115 PhD fellows enrolled in water-related research. The Institute carries out numerous research and capacity development projects throughout the world.

Core activities

Education & Training

IHE Delft offers a wide range of flexible, high quality, specialized educational programmes to respond to the needs of diverse clients from the water sector. These include MSc and PhD programmes, along with online and short courses.

Research & Innovation

With over 122 academic staff and 115 PhD fellows active in water-related, problem-focused and solution oriented research on development issues, IHE Delft has a vibrant multicultural and multidisciplinary research atmosphere.

Institutional Strengthening

IHE Delft strives to strengthen the programmes of universities and research institutes as well as the knowledge and capacity base of ministries and other water sector organizations.

Capacity development

*PhD fellows active per 31-12-2019 including staff

IHE Delft and the UN

IHE Delft is an active member of both the UN-Water and the UNESCO Water family. IHE Delft is the only education institute within UNESCO focused on water.

The Institute works closely with other UNESCO water related organizations, particularly International Hydrological Programme (IHP) and the World Water Assessment Programme (WWAP). We also work with the World Meteorological Organization(WMO), the Food and Agriculture Organization (FAO), UNICEF and UNFCCC amongst others.

Vision

IHE Delft Institute for Water Education envisions a world free of poverty and injustice, in which people manage their water and environmental resources sustainably and equitably.

A girl carrying drinking water from a handpump located in the village in tribal regions of Melghat region of Maharashtra.

Mission and Ambition

Mission

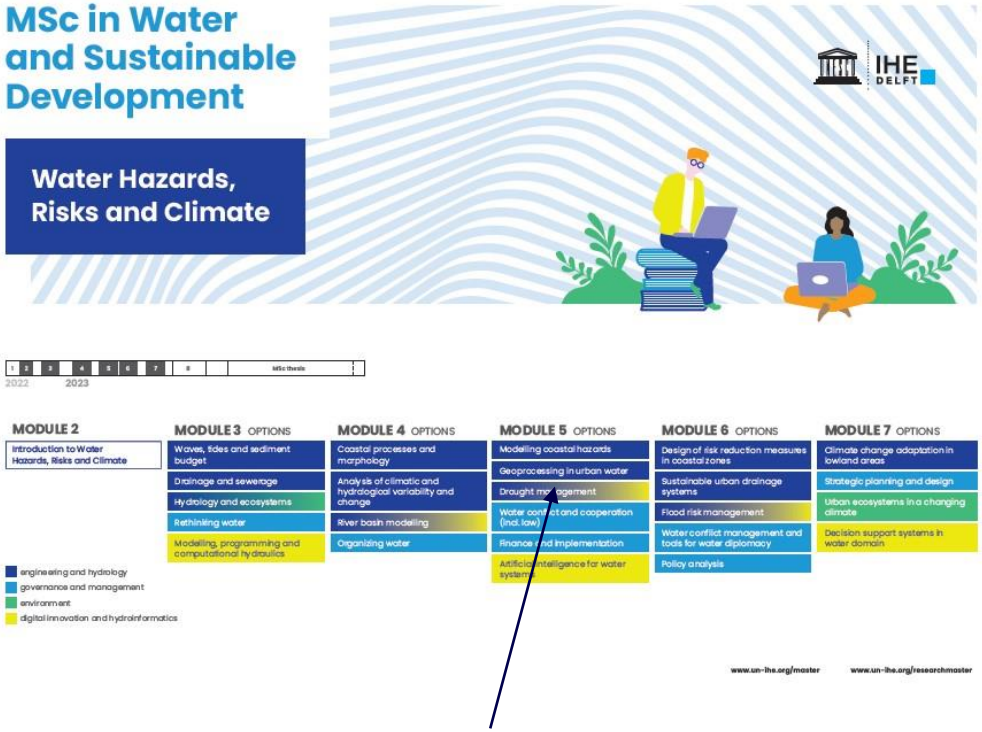
IHE Delft works in partnership to strengthen capacity in the water sector to achieve global sustainable development.

Ambition

Through our overarching work on capacity development, IHE Delft aims to make a tangible contribution to achieving all Sustainable Development Goals in which water is key.

MSc in Water and Sustainable Development

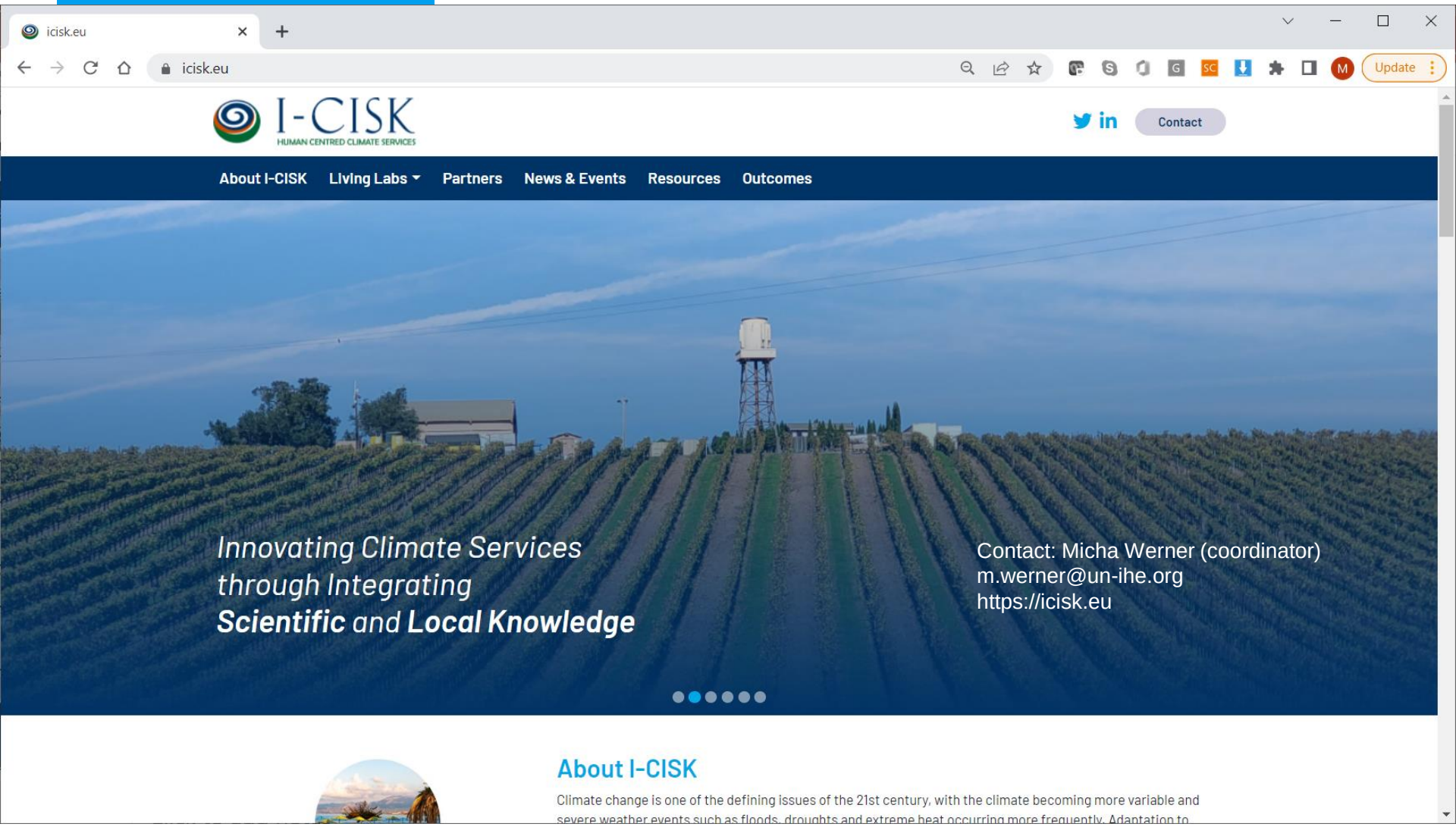
THEMATIC TRACK	DISCIPLINARY PROFILE
Water, Food and Energy	engineering governance and management environment digital innovation
Water Hazards, Risks and Climate	engineering and hydrology governance and management digital innovation and hydroinformatics
Water and Health	engineering governance and management sanitation
Water Resources and Ecosystem Health	engineering and hydrology governance and management environment digital innovation



Drought Management Module

IHE Delft and Drought Management

Risk & Hazard Assessment	Monitoring & Early Warning	Preparedness & Mitigation	Response & Recovery	Benefits of action & cost of inaction
Education, Research, and capacity building on drought risk assessment	Drought indicator development	Understanding and projections of impacts of climate change on water resources systems	Nature-based solutions; Restoration of rivers, and aquatic ecosystems	Feedbacks between adaptation options and the hydrological system, including insight into maladaptation
Guidance and method development to support drought risk assessment	Research and innovation in climate services	Adaptation options to increase resilience of vulnerable communities, e.g. through access to alluvial groundwater	Disaster Risk and humanitarian Response including water supply and sanitation.	Value of ecosystems services
Research on water, peace and security	Citizen Science and Citizen observatories	Drought Management Planning Water allocation and operation of water resource systems	Governance and institutional aspects of disaster risk reduction, including in transboundary basins.	
	Water accounting and water productivity monitoring	Participatory research on community perceptions of drought and mitigation options		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Update
I-CISK
HUMAN CENTRED CLIMATE SERVICES
Contact
About I-CISK
Living Labs
Partners
News & Events
Resources
Outcomes
Innovating Climate Services
through Integrating
Scientific and Local Knowledge
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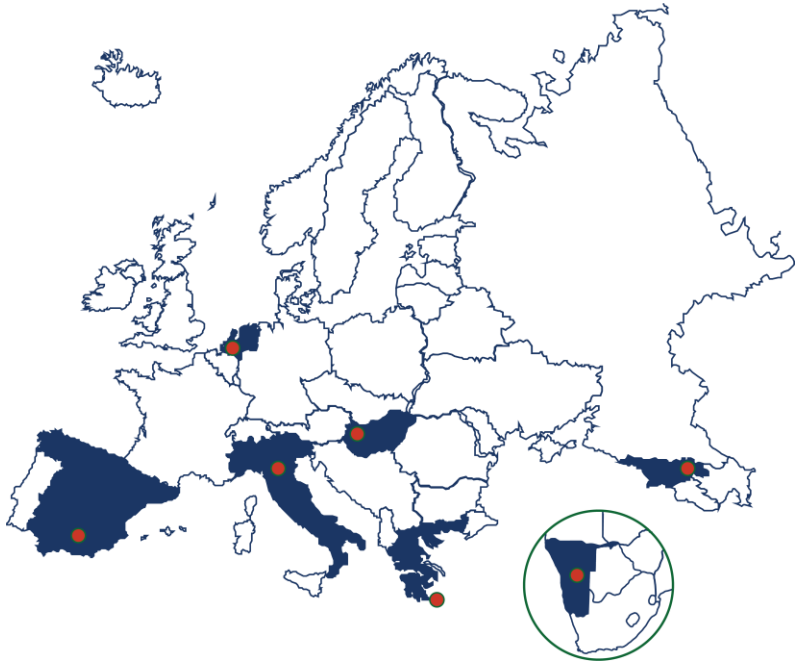
https://icisk.eu
About I-CISK
Climate change is one of the defining issues of the 21st century, with the climate becoming more variable and

I-CISK:

- Four year H2020 research initiative established within the EU-Green Deal call
- Partnership with 13 Research Institutes, NGOs & SME's

- Action-Reseach appoach from seven Living Labs across Europe & Namibia
- Multiple sectors & climate settings
- Agriculture/Nature/Shipping/Tourism/Health/ Forestry/Urban Planning/Hydropower/Humanitarian
- Co-creation through working with multi-actor platforms established in each Living Lab



Please visit https://icisk.eu