MYRIAD-EU

Navigating climate risks from multi-hazards in Northern Europe: Land and Sea Perspectives

Online workshop 5th February 2025

Who is the target audience?

Are your operations or assets within energy, food, water, or other natural resources increasingly affected by climate change-related events such as flooding, extreme precipitation, storms and heat?

This workshop will enable you to advance your understanding of multi-hazards and multi-risks of relevance for your operations and decision-making, contribute to improve tools to manage the risks and get to know how other sectors are managing risks today and in the future.

In this workshop you will get the opportunity to co-develop knowledge products, services and tools together with researchers that can help you manage disaster risk in the future.

What will you get out of this?

- **Enhanced knowledge** on climate change, natural hazards and their interactions, sectoral interdependencies and risk management options in two pilot regions (the North Sea and Scandinavia) and beyond
- **Practical tools and measures** on how to manage multi-(hazard) risks
- **Dialogue and interaction with other sectors** to learn from best practices and experiences.

Why focus on multi-hazards?

Today, and even more in the future, climate-related risks will not occur in isolation but in combination or succession. Droughts can cause forest fires or food, energy and water shortages. When it rains heavily on dried soil, floods can occur, potentially disrupting transport and supply of energy, water and food.

Storms can cause damage to offshore wind turbines or cause vessels to lose cargo or drift off coarse into wind farms. Consequently, energy supply to land can be disrupted or nature impacted through pollution and spills, or injury and loss of life caused by shipping collisions.

Awareness and knowledge about multi-hazards are key to reducing risks and preventing harm. In the EU-funded research project MYRIAD-EU, instead of addressing risks and hazards one by one, we are working on co-developing the first harmonised framework for multi-hazard, multi-sector, and systemic risk management. The project is centered around pilot case-studies where interlinkages between different hazards and economic sectors are studied.

This workshop will present the work from two of the pilot regions - the Scandinavian pilot focusing on energy, agriculture and forestry and the North Sea pilot focusing on energy, nature and shipping.



The MYRIAD-EU project has received funding from the European Union's Horizon 2020 research and innovation programme call H2020-LC-CLA-2018-2019-2020 under grant agreement number 101003276.

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Workshop Programme (13:00 – 15:30)

Introduction to Multi-Hazards and Multi-Risks context

- European Perspective - Philip Ward; coordinator of the EU project MYRIAD-EU
- IPCC Perspective - Jana Sillmann; Research Director at CICERO

Multi-Hazards and Multi-Risks on land and at sea

- Scandinavian Pilot - Anne Sophie Daloz and Lin Ma; researchers at CICERO
- North Sea Pilot - Sharon Tatman and David Geurts; researchers at Deltares

Translating Multi-Hazards and Multi-Risks to the local level

- Climate risks for the municipality of Bergen - Jakob Grandin; Klimaavdelingen, Bymiljøetaten, Bergen kommune)
- Methodologies to work on compound events at the local level - Nina Schuhen; Researcher at CICERO

Interactive Discussion

Closing Remarks and Next Steps

Please note that the latest version of the agenda can be found here.

Contact

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Please register for the workshop via the following link

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