

From single to multi- and systemic risks: a unifying framework for risk assessment and management

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Torrential rains batter Greece after wildfires

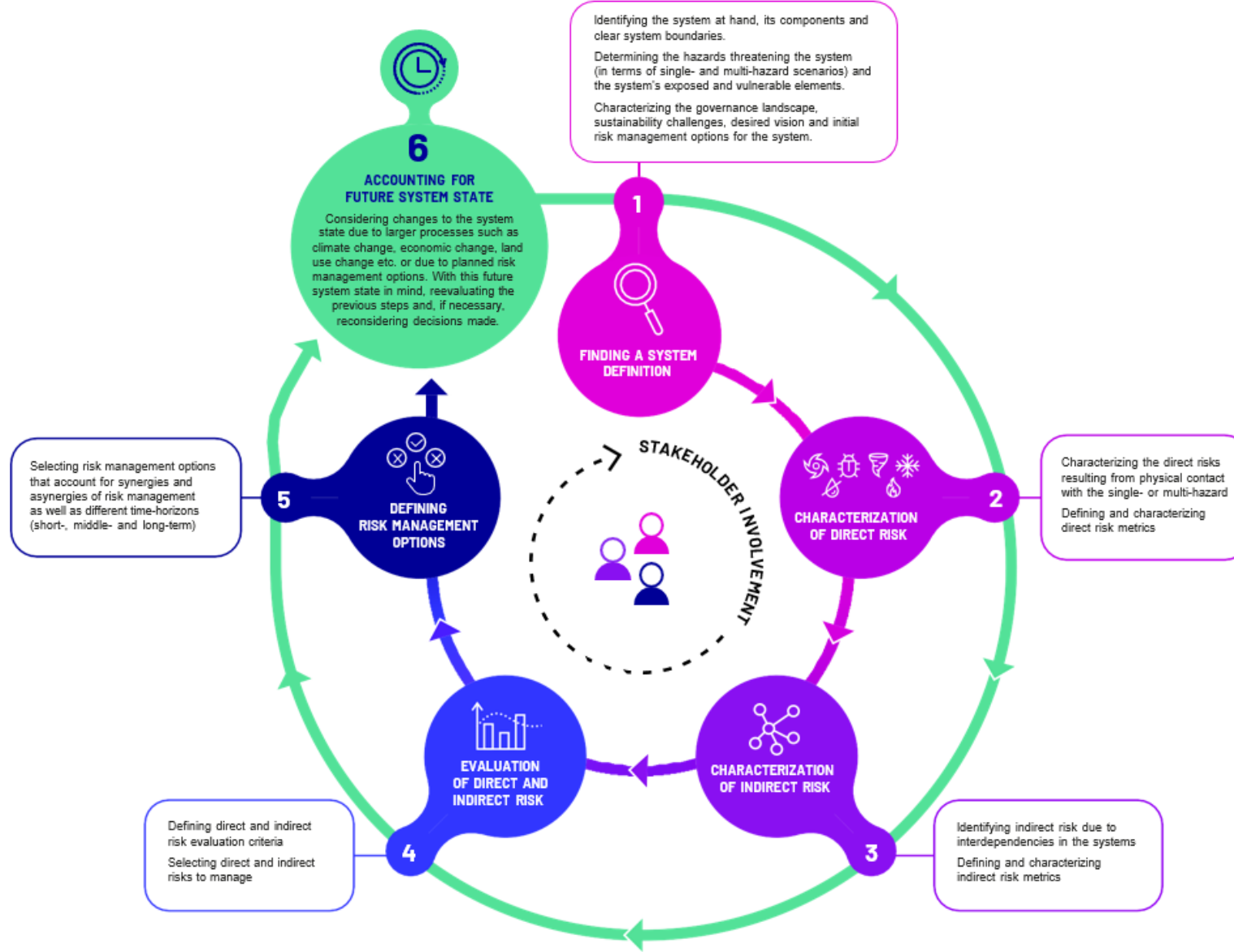
Storm Daniel floods homes and roads in central Greece prompting authorities to order vehicles off the streets.

efforts

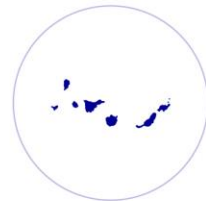
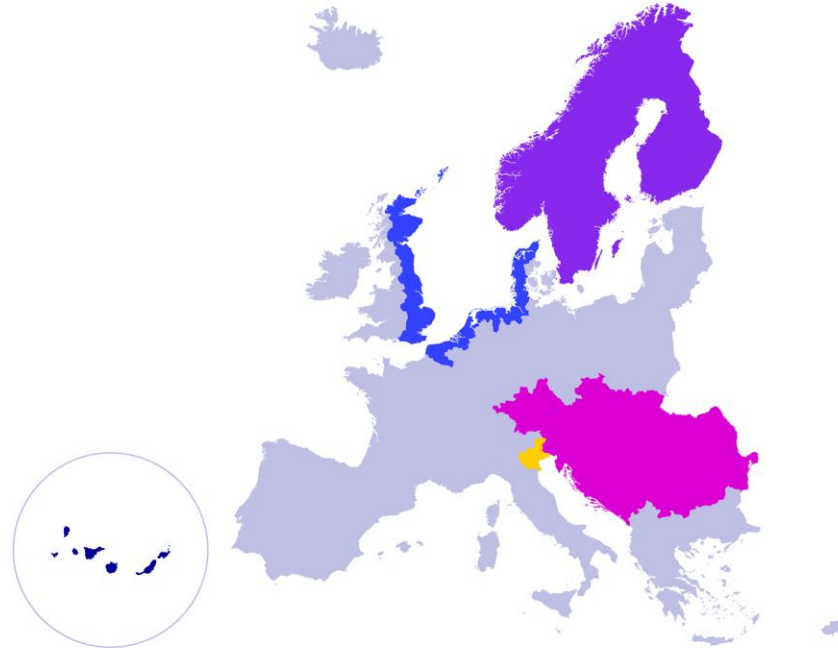
Framework for a systemic multi-hazard risk assessment and management



SEE THE
PUBLISHED
FRAMEWORK
PAPER HERE



Framework implementation in practice



CANARY ISLANDS

SUSTAINABILITY ISSUE

How can island regions with a strong dependence on tourism become more resilient to multi-hazard risk?

SECTOR

ENERGY

FOOD & AGRICULTURE

TOURISM

HAZARDS



VENETO

SUSTAINABILITY ISSUE

How can diverse natural landscapes from the mountains to the sea achieve a forward-looking perspective conducive to multi-risk planning?

SECTOR

ECOSYSTEMS & FORESTRY

FINANCE

TOURISM

HAZARDS



NORTH SEA

SUSTAINABILITY ISSUE

How can spatial planning at the interface of the land and sea environments be optimised in the face of increasing and interrelated risk?

SECTOR

ECOSYSTEMS & FORESTRY

ENERGY

INFRASTRUCTURE & TRANSPORT

HAZARDS



SCANDINAVIA

SUSTAINABILITY ISSUE

How can we maintain healthy ecosystems under climate-related risks while meeting increasing demands for energy, food, and other ecosystem services, and what is the role of nature-based solutions?

SECTOR

ECOSYSTEMS & FORESTRY

ENERGY

FOOD & AGRICULTURE

HAZARDS



DANUBE

SUSTAINABILITY ISSUE

How can we increase resilience to multiple disasters that impact several interconnected countries with strong macro-economic relations?

SECTOR

FINANCE

FOOD & AGRICULTURE

INFRASTRUCTURE & TRANSPORT

HAZARDS



THANK YOU FOR THE ATTENTION

Please do reach out to troglic@iiasa.ac.at

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