Climate Risk Assessment Framework



for European regions

Bachmann, M., Mechler, R., Higuera-Roa, O., Pirani, A., Pal, J., Reimann, L., Mazzoleni, M., Buskop, T., and J. Mysiak²

1 International Institute for Applied Systems Analysis, Laxenburg, Austria 2 Euro-Mediterranean Center on Climate Change, Venice, Italy
3 Institute for Environmental Studies, Viiie Universiteit Amsterdam, Amsterdam, Netherlands 4 Deltares Delft Netherlands Background//About

Climate Risk Assessments (CRA) are - key for understanding scope and scale of

→ urgently needed to plan and implement for climate risk management (CRM) responses.

Goal: Translation of EU Mission Adaptation at small- and medium-scale adapted for CRA at NUTS-2 and NUTS-3 level

The Framework

✓ entails five operational framework steps underpinned by a conceptual background altogether allowing for standardized flexibility

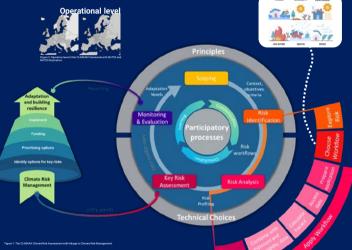
✓ aligns with state-of-the-art methodologies. recent developments and on-the-ground √ is complemented by a toolbox for risk

quantification (workflows organized by √ indicates entry points for CRM actions

✓ addresses compound and multi-hazard

aspects by referring to a wide variety of options risk quantification, qualitative risk assessment (storyline approach, narratives) together with participatory processes

Further research and work needs to be undertaken to efficiently connect climate risk estimation with CRM and adaptation









What's next?

Framework Implementation



Climate Risk Evaluation



Methods

















Climate Ris





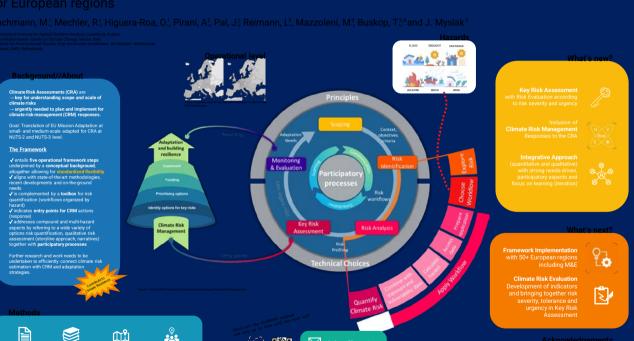
Special thanks to all contributing partners from the CLIMAAX project, especially to Bart van den Hurk, Frederick Sperna-Weiland, Dana Stuparu, Thomas Kühn, Fredrik Wetterhall, Milana Vučković and our five Pilot regions





Climate Risk Assessment Framework





















Special thanks to all contributing partners from the CLIMAAX project, especially to Bart van den Hurk, Frederick Sperna-Weiland, Dana Stuparu, Thomas Kühn, Fredrik Wetterhall, Milana Vučković and our five Pilot regions







