

Disaster Risk Reduction and Climate Change Adaptation Financing Scheme

Abstract

The purpose of this research proposal is to investigate disaster risk management (DRM) and its integration with climate change adaptation as essential mechanisms for sustainable development. Using Albania as a case study, the research aims to:

- Address challenges related to DRM.
- Explore the integration of climate change adaptation within DRM frameworks.
- Develop a sustainable financing mechanism tailored to country-specific needs, resources, and disaster typologies.

By examining strategic and regulatory frameworks, urban planning patterns, and governance levels, the study seeks to contribute to long-term resilience and cost-effective disaster preparedness, benefiting authorities, experts, and the general public.

Objectives:

- Analyze the existing strategic and regulatory frameworks for DRM and climate change adaptation at local and central governance levels.
- Evaluate the implementation of these frameworks in Albania, focusing on urban planning and disaster governance.
- Identify best practices and gaps in DRM and climate adaptation integration to enhance resilience and sustainability.
- Design a practical financing mechanism that supports preventive, response, recovery, and adaptation actions for long-term sustainable development.

These objectives collectively aim to strengthen Albania's capacity to manage disaster risks and climate impacts while serving as a model for other regions facing similar challenges

Stakeholders: Urban planners, engineers, and architects involved in integrating DRM and climate adaptation measures into urban development, as well as government at different level to include the results in their strategies and work.

Keywords: Urban Instruments, Disaster Risk Reduction, Climate Change Adaptation, City Governance, Development policies, economic and financial tools

To read more about this thesis, go to: <https://architettura.unife.it/en/education/phd-programs/xl-cycle/ogerta-gjikhuri>