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RISK MANAGEMENT, QUALITY ASSURANCE AND FINANCIAL BOARDS OF THE **MaStER_G** ERASMUS MUNDUS DESIGN MEASURES PROJECT





PROJECT DESCRIPTION

Abstract

The Master Study of Environmental Resilience to Geohazards (MaStER_G) project proposes a pioneering international master's program focused on environmental geotechnics and geohazard management bringing together institutions from Croatia, Serbia, North Macedonia, Iran and Brazil. Addressing key Erasmus+ priorities of environmental resilience, regional collaboration and educational inclusion, the program responds to increasing challenges posed by climate change and geohazards across the Western Balkans and beyond. Based on comprehensive needs analysis, the project will develop an integrated curriculum leveraging multidisciplinary expertise and real-world field experiences. Through its innovative "learning by sharing experience" methodology, students will study at actual geohazard sites while engaging in cross-border knowledge exchange through an interconnected network of six international laboratories. The program combines traditional engineering education with advanced digital tools and AI-supported learning, emphasizing critical thinking and practical problem-solving skills. Market analysis confirms strong employment prospects with the civil engineering sector facing workforce aging challenges. Through strategic partnerships between Higher Education Institutions and industry stakeholders, MaStER_G aims to develop professionals capable of addressing complex geological and environmental challenges while fostering long-term regional resilience to geohazards.

Keywords

– geotechnics, geosciences, geoengineering, geophysics, geology, seismology, earthquakes, landslides, rainfalls, offshore geotechnics, sustainability, resilience

Consortium

- Faculty of Geotechnical Engineering, University of Zagreb, hereinafter FGE - UNIZG, Hallerova aleja 7, 42000 Varaždin, Croatia, Coordinating University
- Institute of Earthquake Engineering and Engineering Seismology, Ss. Cyril and Methodius University of Skopje, hereinafter IZIS - UKIM, Todor Aleksandrov 165, 1000 Skopje, North Macedonia
- Faculty of Civil Engineering, Ss. Cyril and Methodius University of Skopje, hereinafter FCE - UKIM, blvd. Partizanski odredi No.24, 1000 Skopje, North Macedonia
- Faculty of Mining and Geology, University of Belgrade, hereinafter FMG - UNIBG, Djusina 7, 11000 Belgrade, Serbia
- Iran University of Science & Technology, hereinafter IUST, University St., Hengam St., Resalat Square, Tehran, Iran
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META DATA

Project number: **101239560**

EMDM project name: **Master Study of Environmental Resilience to Geohazards**

Project acronym: **MaStER_G**

Call: **ERASMUS-EDU-2025-EMJM-DESIGN**

Topic: **ERASMUS-EDU-2025-EMJM-DESIGN**

Type of action: **ERASMUS Lump Sum Grants**

Granting authority: **European Education and Culture Executive Agency**

Grant managed through EU Funding & Tenders Portal: **Yes (eGrants)**

Project starting date: **1st October 2025**

Project end date: **31st December 2026**

Project duration: **15 months**

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DELIVERABLE DESCRIPTION

Number: **D1.7**

Title: **Risk Management Plan, Quality Assurance Plan and Guidelines for using the Grant**

Work package: **WP1**

Dissemination level: **Sensitive (SEN)**

Type: **Report (R)**

Due date: 31.12.2026.

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EXECUTIVE SUMMARY

This document describes the Risk Management Board, Quality Assurance Board and Financial Board of the MaStER_G project.

The Risk Management Board is a MaStER_G body responsible for identifying, assessing, and overseeing potential risks that could impact a project, organization, or consortium. Its main role is to ensure that risks are systematically monitored, mitigated, and reported, promoting informed decision-making and safeguarding objectives. It includes representatives from key partners or departments, ensuring a balanced perspective on technical, financial, operational, and compliance risks. The Risk Management Board consists of active project participants, including at least one designated representative from each partner, ensuring balanced oversight and collaborative risk management.

The Quality Assurance Board is a MaStER_G supervisory body responsible for ensuring that all project activities, deliverables, and processes meet defined quality standards and align with the project's objectives. It oversees the implementation of quality assurance and control measures, reviews deliverables before submission, and provides guidance on best practices and continuous improvement. It also promotes a culture of excellence and accountability among partners. Ultimately, it ensures that the project's outcomes are consistent, reliable, and of the highest possible quality. The MaStER_G Quality Assurance Board comprises representatives from consortium partner organizations who are independent of the direct implementation of project objectives, ensuring impartial oversight and quality control.

The Financial Board is a MaStER_G governing body responsible for overseeing the financial management and sustainability of a project or organization. It ensures that all financial activities comply with budgetary guidelines, funding rules, and audit requirements. The board monitors expenditures, approves financial reports, and evaluates the efficient use of resources across partners or departments. It also provides strategic advice on budget allocation, risk mitigation, and long-term financial planning. By maintaining transparency and accountability, the Financial Board safeguards the project's financial integrity and supports informed decision-making. As the MaStER_G project operates under a single-beneficiary structure, its Financial Board consists of representatives from the coordinating partner, ensuring effective oversight and sound financial management.



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RISK MANAGEMENT BOARD

Head of the Board:

Prof. Igor Petrovic, FGE – UNIZG

Board Members:

Prof. Kemal Edip, IZIIS – UKIM

Prof. Jovan Papić, FCE – UKIM

Prof. Dragoslav Rakic, FGE – UNIBG

Prof. Sandro Lemos Machado, UFBA

Prof. Mehran Karimpour-Fard, IUST



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QUALITY ASSURANCE BOARD

Head of the Board:

Ass. Prof. Davor Stanko, GFV – UNIZG

Board Members:

Prof. Julijana Bojadjeva, IZIIS – UKIM

Prof. Vlatko Sheshov, IZIIS – UKIM

Prof. Igor Peševski, FCE – UKIM

Ass. Prof. Jelka Krušić, FGE – UNIBG

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FINANCIAL BOARD

Head of the Board:

Prof. Igor Petrovic, FGE - UNIZG

Board Members:

Maja Krivak, Head of Accounting, FGE – UNIZG

Ass. Prof. Davor Stanko, FGE - UNIZG

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