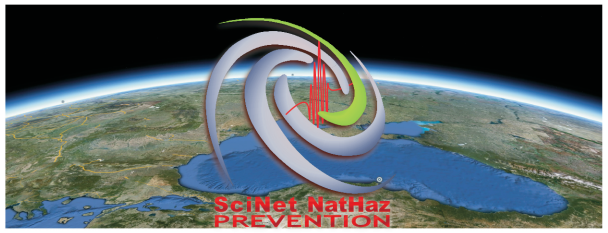

The Partnership

Beneficiaries:

ENPI: Technological Educational Institute of Kentriki Makedonia, Civil Engineering & Geomatics & Surveying Engineering Department, Greece.

IPA: Kandilli Observatory & Earthquake Research Institute (KOERI), Bogazici University, Istanbul, Turkey

ENPI Partners:

Partner 1: Democritus University of Thrace, Civil Engineering Department, Anatoliki Makedonia & Thraki, Greece.

Partner 2: Institute of Engineering Seismology & Earthquake Engineering, Earthquake Planning & Protection Organization, Kentriki Makedonia, Greece

Partner 3: “Prof. Assen Zlatarov” University of Burgas, Yugoiztochen, Bulgaria

Partner 4: Ovidius University of Constanta, Sud-Est, Romania

Partner 5: “Dr. Ghitu” Institute of Electronic Engineering & Nanotechnologies, Academy of Sciences, Chisinau, Moldova

Partner 6: Environmental Academy of Sciences, Black Sea Branch, Odessa, Ukraine

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Common borders. Common solutions.

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A Scientific Network for EARTHQUAKE, LANDSLIDE & FLOOD HAZARD PREVENTION

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About The Project:

Forword:

The "SciNetNatHaz prevention" Joint Action (J.A.) aims at creating a Scientific Network for achieving a strong regional partnership and cooperation, in order to provide the basis for addressing natural hazard problems which have Trans-boundary consequences both on the environment and on sustainable development. The Scientific Network members will work together sharing competencies and resources, to develop preventive measures and common mitigation practices in order to help address Earthquake, Landslide and Flood Hazards in the wider Black Sea area.

Black Sea Basin Joint Operational Programme

Priority 2: Sharing resources and competencies for environmental protection and conservation
Measure 2.1.: Strengthening the joint knowledge and information base needed to address common challenges in the environmental protection of river and maritime systems

Duration: 24 months
Total Budget (ENPI + IPA): 1.053.000,00
Total Grand (ENPI + IPA): 947 700,00
Start - End Dates: 01.05.2013 - 30.04.2015

Objectives

Overall Objective:

To achieve a strong regional partnership and cooperation by the Development of a Scientific Network for the establishment of a scientific consensus, in order to setup common strategies and natural hazard prevention methods. The Scientific Network members will work together sharing competencies and resources to address Earthquake, Landslide and Flood Hazards which do have Trans - boundary consequences both on the economy and on the environment.

Specific Objectives:

1. Setup common terminology, methodologies and strategies for ELFH prevention.
2. The Development of a WebGIS platform which will support decision making and will also provide data and information to the scientific community interested in Earthquake, Landslide and Flood Hazards (ELFH), thus promoting research and innovation regarding natural hazard's prevention and preparedness in the Black Sea area.
3. Implement finally selected (developed or adapted) methodologies to assess hazards on a regional scale and on a local scale in selected locations.
4. Provide training with open seminars and workshops.

Activities

Main Activities:

1. Present status overview
2. A review of the available methodologies in ELFH assessment.
3. Development of a Geo-Database
4. Development of a WebGIS platform to support decision making
5. ELFH models development/adaptation to local conditions
6. Pilot implementations in Regional & Local scales
7. Dissemination/Training

Anticipated/Estimated Results:

1. Trans boundary cooperation in preventing ELFH,
2. Cross border know-how and expertise transfer.
3. Harmonization of Data, Methodologies and Strategies used to assess ELF Hazards,
4. A WebGIS platform with a geodatabase that will be freely accessed,
5. Education and Training.