



Earthquake Resilient Schools

International Hellenic University (IHU)
Role in the project and Institutional capacities

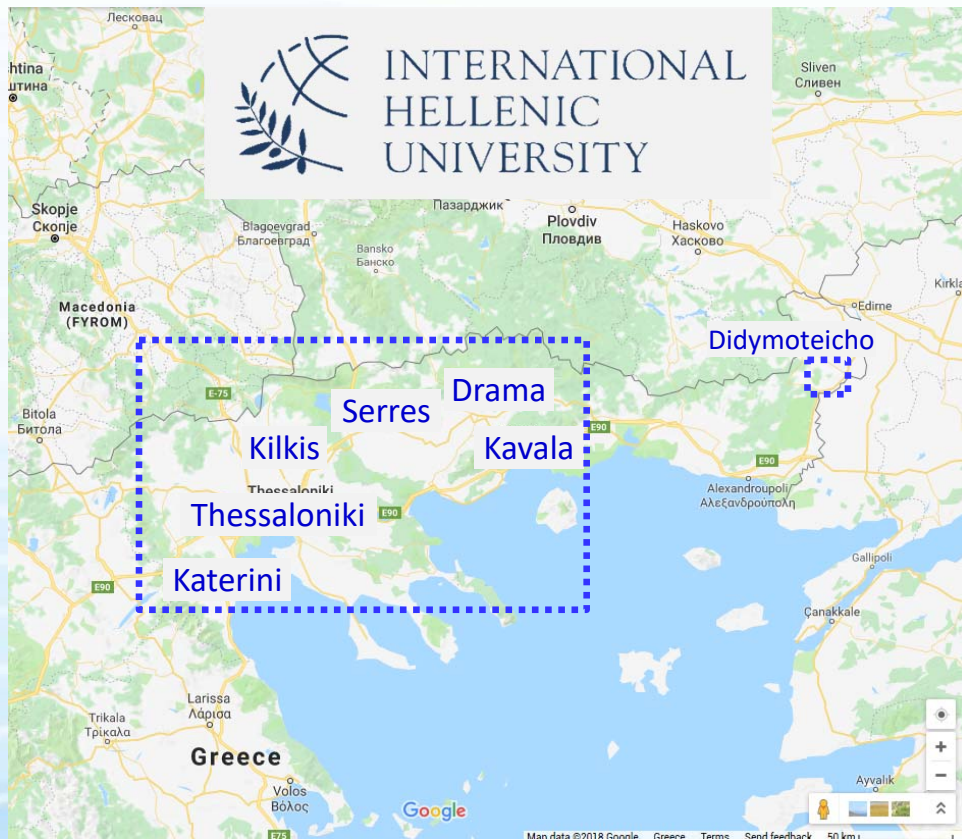
Emmanouil KIRTAS
IHU Team member

EReS project Kick-Off meeting held on-line, May 2023

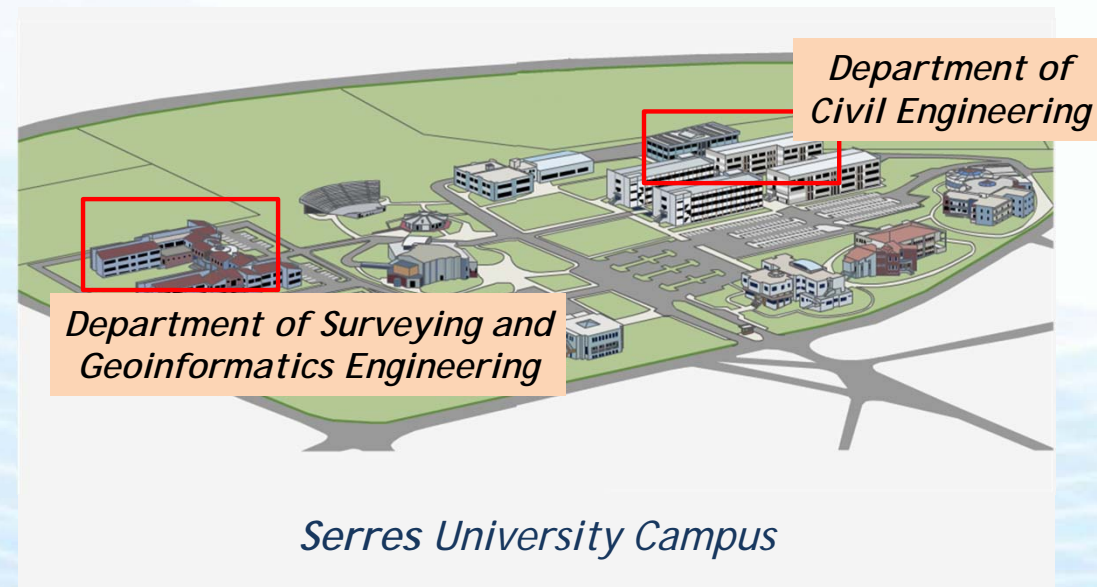
IHU status and premises



Role in the project:
Project Coordinator



*IHU Departments participating the
EReS project*



IHU role in EReS project



Role in the project: Project Coordinator

PARTICIPANTS

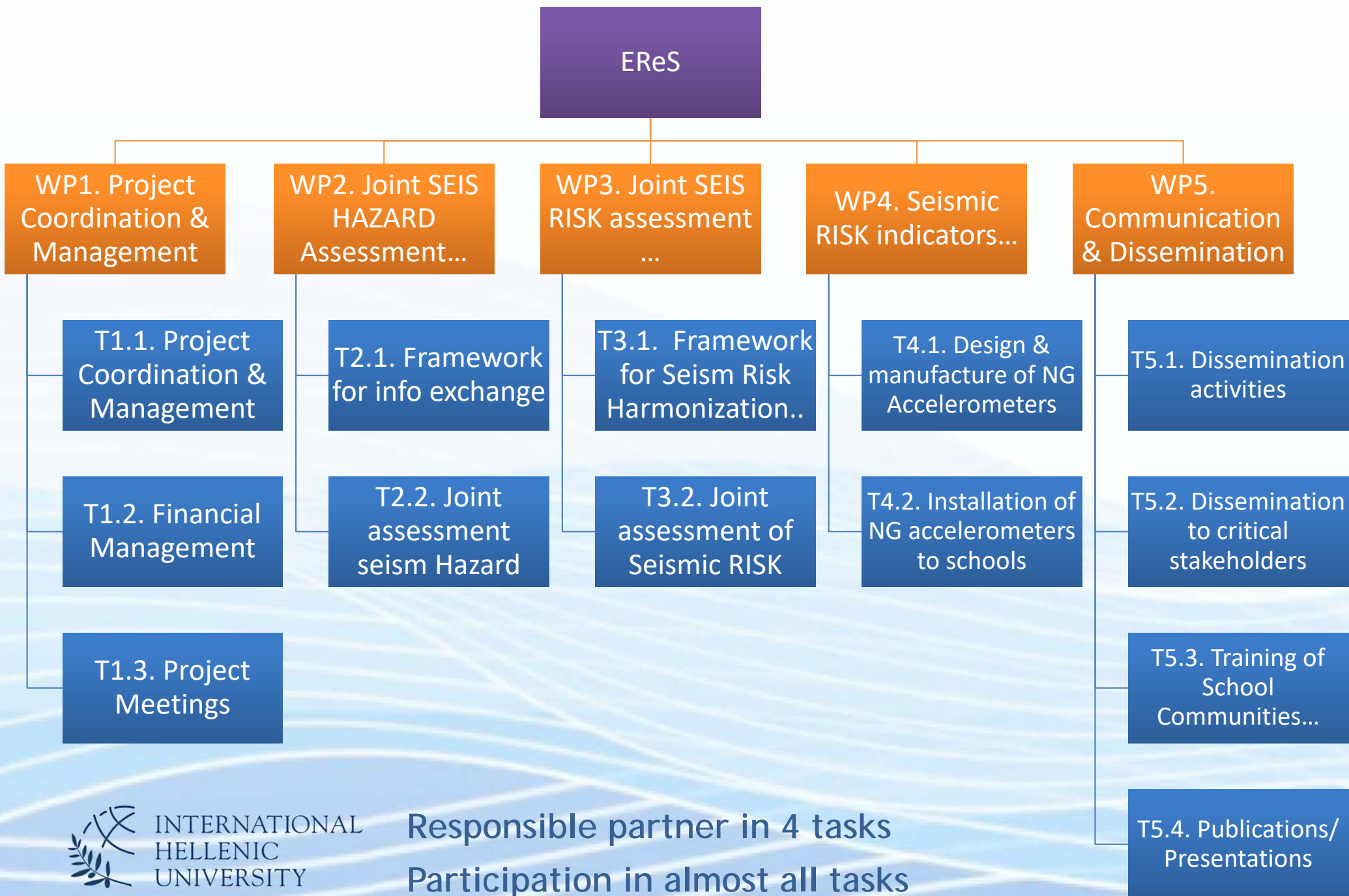
Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
1	COO	IHU	DIETHNES PANEPISTIMIO ELLADOS	EL	969038343
2	BEN	GTU	GEBZE TEKNİK UNIVERSİTESİ	TR	949525047
3	BEN	AFAD	İCİSLERİ BAKANLIĞI AFET VE ACIL DURUM YÖNETİMİ BAŞKANLIĞI	TR	927986779
4	BEN	ITSAK/EPPO	ORGANISMOS ANTISEISMİKOU SXEDIASMOU KAI PROSTASIAS (OASP EPPO EARTHQUAKE PLANNING AND PROTECTION ORGANIZATION)	EL	983524323

WP No.	Work Package name	Lead Beneficiary
WP1	Project coordination and management	IHU
WP2	A framework for seismic hazard assessment in the Greece-Türkiye CBA	ITSAK/EPPO
WP3	Join Seismic Risk assessment of school buildings	GTU
WP4	Joint investigation of seismic indicators based on instrumentation of school buildings (pilot sites in the CBA)	ITSAK/EPPO
WP5	Communication & Dissemination	AFAD

Del. No.	Deliverable name	WP	Lead Beneficiary
D1.1	D1.1 Progress Report 1 (9th month)	WP1	IHU
D1.2	D1.2 Progress Report 2 (17th month)	WP1	IHU
D1.3	D1.3 Filled out impact questionnaire	WP1	IHU
D1.4	D1.4 Progress Meetings	WP1	IHU
D2.1	D2.1 A framework for data and information exchange for seismic hazard harmonization in the Greece - Türkiye CBA	WP2	ITSAK/EPPO
D2.2	D2.2 Joint assessment of seismic hazard in the Greece- Türkiye CBA	WP2	ITSAK/EPPO
D3.1	D3.1 A framework for data & information exchange for seismic risk harmonization in the Greece- Türkiye CBA	WP3	GTU
D3.2	D3.2 Joint assessment of seismic risk in the Greece- Türkiye CBA (school buildings in the pilot sites).	WP3	GTU
D4.1	D4.1 Investigation of seismic risk indicators based on instrumentation of school buildings in the selected pilot sites.	WP4	ITSAK/EPPO
D5.1	D5.1 Dissemination activities	WP5	IHU
D5.2	D5.2 Workshop for stakeholders and school communities in Greece	WP5	ITSAK/EPPO
D5.3	D5.3 Workshop for stakeholders and school communities in Türkiye	WP5	AFAD
D5.4	D5.4 Scientific Publications/Presentations	WP5	ITSAK/EPPO

IHU involvement in Tasks as WP Responsible partner



IHU team members and expertise



Department of Surveying and Geoinformatics Engineering, IHU

- Konstantinos Papatheodorou, Professor (Project Coordinator)
- Konstantinos Evangelidis, Professor
- Alexandros Konstantinidis, Lecturer
- Konstantinos Ntouros, Assistant Professor
- Pashalis Gakos, IT Technical personnel
- Panagiotis Kazakis, IT Technical personnel

Department of Civil Engineering, IHU

- Emmanouil Kirtas, Associate Professor
- Georgios Panagopoulos, Lecturer

Department of Economic Sciences, IHU

- Ekaterini Laskaridou, Financial manager

Collaborating Scientists

- Emmanouil Scordilis, Department of Geology, Professor of Seismology (AUTH)

Disciplines/Scientific Fields covered

- Engineering Geology
- Seismology, Seismic hazard assessment
- GIS development, Remote sensing, Spatial data management, Cartography
- Natural disaster Prevention & Management
 - Earthquake Engineering
- Soil Site Effects, Soil-structure interaction
- Dynamics of structures, Vulnerability of buildings, Seismic risk assessment, Loss estimation

IHU participation in related projects

IHU scientific and managerial capacity

- ❑ Participation in several related projects as a project partner
- ❑ Coordination of four (4) projects in seismic risk assessment topics
- ❑ Participation of IHU team members as individuals in numerous related projects

2005-06

Properties of the building stock in the city of Serres

Recording of structural characteristics of the building stock in the city of Serres

2013-15

SciNetNatHazPrev: A Scientific network for earthquake, landslide and flood hazard prevention

Black Sea Basin 2007-2013
Coordinator: K. Papatheodorou

2021-24

Risk assessment for earthquakes, fire and flood in the Attica Region

IHU Involvement in earthquake risk assessment activities.
Scientific Responsible : G. Panagopoulos

2012-15

SeiVAS: Seismic vulnerability assessment of the building stock in the city of Serres

Archimedes III
Coordinator: P. Koliopoulos

REDACt: Rapid Earthquake Damage Assessment Consortium

Black Sea Basin 2014-2020
Coordinator: K. Papatheodorou

2020-23

2023-25

EReS: Earthquake resilient schools

Union Civil Protection Mechanism (UCPM)
Coordinator: K. Papatheodorou

