



2nd Scientific Meeting of Tectonics Committee of Geological Society of Greece

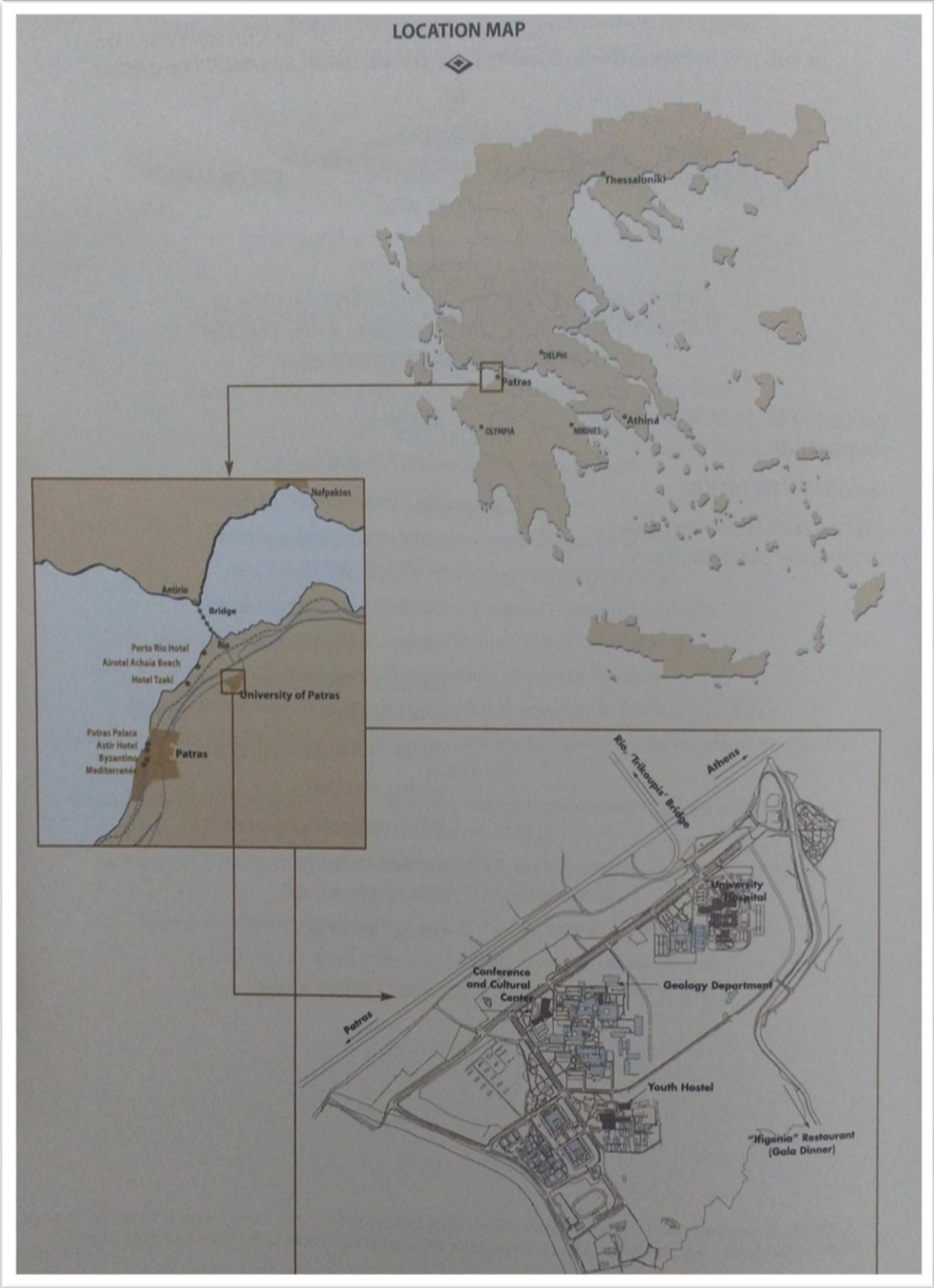
**10 Years after the 2008 Movri Mtn M6.5 Earthquake;
An earthquake increasing our knowledge for the deformation
in a foreland area**

PROGRAMME

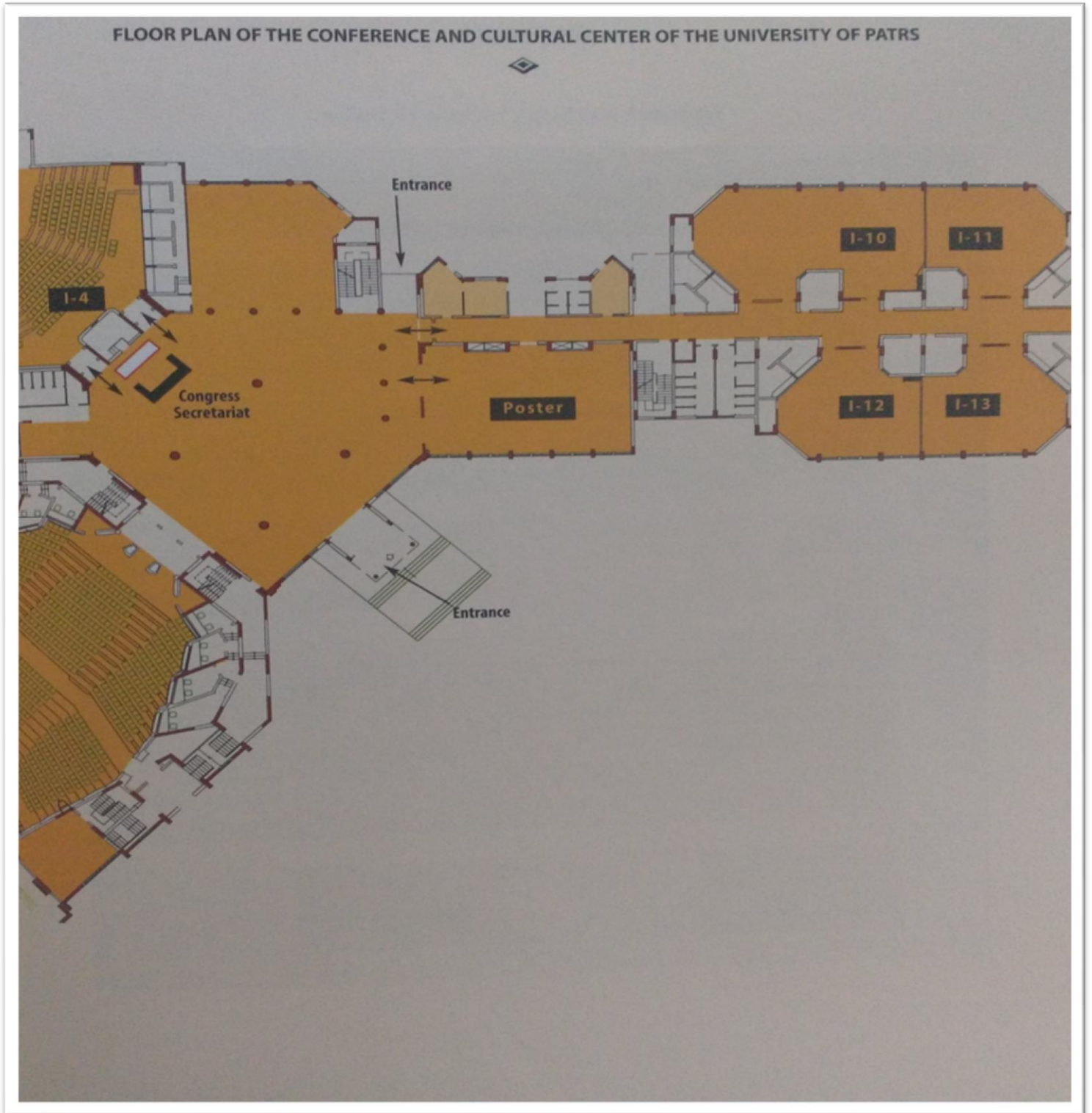
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Patras, Greece
13 June 2018
Conference and Cultural Center of the University of Patras



10 Years after the 2008 Movri Mtn M6.5 Earthquake;
An earthquake increasing our knowledge for the deformation in a foreland area



2nd Scientific Meeting of Tectonics Committee of Geological Society of Greece

P R O G R A M M E

WEDNESDAY 13 JUNE

09:00- 10:00 Reception and Registration

INVITED LECTURE (HALL I-12)

Chair: Koukouvelas I., Polyzos D.

10:00 - 10:30 Welcome, Greetings and Opening Speech

10:30 - 11:00 Caputo R.: The seismic gap of northern Thessaly, Central Greece

SESSION A (HALL I-12)

THE MOVRI Mtn EARTHQUAKE

Chair: Caputo R., Ganas A.

11:00 - 11:15 Papadimitriou P., Karakonstantis A., Kapetanidis V., Agalos A., Moschou A., Kaviris G., Kassaras I., Voulgaris N.: The $M_w=6.4$ 2008 Andravida earthquake (Peloponnesus, Greece): ten years after

11:15 - 11:30 Karakostas V., Mirek K., Mesimeri M., Papadimitriou E., Mirek J.: The Aftershock Sequence of the 2008 Achaia, Greece, Earthquake: Joint Analysis of Seismicity Relocation and Persistent Scatterers Interferometry

11:30 - 11:45 Giannopoulos, D., Sokos E., Konstantinou K., Lois A., Konstantinopoulos D.: The seismic anisotropy pattern in the epicentral area of the 2008 Movri Mtn $M6.5$ earthquake

11:45 - 12:00 Briole P., Elias P., Avallone A., Dimitrov D.: Co-seismic & inter-seismic ground deformations in the Movri earthquake area

12:00 - 12:15 Serpetsidaki A., Elias P., Ilieva M., Bernard P., Briole P., Deschamps A., Lambotte S., Lyon-Caen H., Sokos E., Tselentis G.A.: New constraints from seismology and geodesy on the $M_w=6.4$ 2008 Movri (Greece) earthquake

12:15 - 12:30 Lappas S., Foumelis M., Papanikolaou I.: Tracing the impact of the 2008 Movri (Ilia) Earthquake through InSAR Ground Deformation Monitoring: implications for the ESI scale

12:30 - 12:40 Discussion

COFFEE BREAK – POSTER SESSION

SESSION B (HALL I-12)

SEISMOLOGY – DEFORMATION – TECTONICS OF WESTERN GREECE

Chair: Briole P., Papadimitriou R.

13:00 - 13:15 Rigo A., Sokos E., Giannopoulos D., Paraskevopoulos P., Germenis N., Andriopoulos G.: MAΔAM experiment: seismotectonics focus on the Gulf of Patras triple junction

13:15 - 13:30 Ganas A., NOA GPS Group: A review of kinematics of west-central Greece from GNSS data: exploring the boundaries of extension and shear

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13:30 - 13:45 Kazantzidou-Firtinidou D., Kassaras I., Kapetanidis V., Karakonstantis A., Papadimitriou P., Kaviris G.: The 26th March 1993 (M5.4) Pyrgos earthquake on the western segment of the Movri causative fault of the 2008 event

13:45 - 14:00 Triantafyllou I., Koukouvelas I., Papadopoulos G.A.: The lethal earthquake of 15th July 1909 in Chavari, Elis: a little known event

14:00 - 14:15 Haddad A., Lupi M., Planes T., Ganas A., Kassaras I.: Recent seismicity/microseismicity study in Western Peloponnese, Greece

14:15 - 14:30 Sakkas V., Lagios E., Garcia M., Bianchi M.: 25-Year Ground Deformation Studies in the broader Area of Patras Gulf based on Geodetic and Radar Interferometric techniques

14:30 - 14:40 Discussion

LUNCH BREAK – POSTER SESSION

**SESSION C (HALL I-12)
REGIONAL – CASE STUDIES**

Chair: Papadopoulos G., Papadimitriou P.

15:00 - 15:15 Kiratzi A.: Source properties of engineering significance: examples from recent strong earthquakes in the Aegean Sea and the surrounding lands

15:15 - 15:30 Stefanou I.: From the behavior of fault gouges to earthquake nucleation and control

15:30 - 15:45 Kassaras I., Giannaraki G., Roumelioti Z., kazantzidou-Firtinidou D., Ganas A.: Scenario based Seismic Risk assessment in Aigion for a repetition of the 15th June 1995 M6.4 earthquake

15:45 - 16:00 Mouslopoulou V., Saltogianni V., Oncken O., Nicol A., Begg J., Babeyko A., Cesca S., Moreno M.: The 2016 Mw 7.8 Kaikōura Earthquake: a rare snapshot of coseismic-slip transfer between the plate-interface and faults in the upper-crust

16:00 - 16:15 Sakellariou D., Zavitsanou A., Tsampouraki-Kraounaki K., Rousakis G.: The interplay between active tectonics and sea-level fluctuations and their impact on the evolution of the prehistoric landscapes in the Aegean Region

16:15 - 16:30 Papatheodorou G., Christodoulou D., Fakiris E., Etiope G., Ferentinos G.: The activation of the pockmark field, in Patras Gulf, triggered by the June 8, 2008 earthquake

16:30 - 16:35 Cerrone C., Ascione A., Di Donato V., Mazzoli S., Robustelli G.: Active tectonic evidence in the NE edge of the Campania Plain, southern Apennines (Italy)

16:35 - 16:45 Discussion – Conclusive Remarks

POSTER SESSION (HALL I-12)

Cerrone C., Ascione A., Di Donato V., Mazzoli S., Robustelli G.: Active tectonic evidence in the NE edge of the Campania Plain, southern Apennines (Italy)

Karamitros I., Ganas A., Chatzipetros A., Partheniou E., Valkaniotis S., Betzelou K.: Structural analysis and scarp morphology of the active Pidima fault, Messinia, Greece using Terrestrial Laser Scanner and Photogrammetry

Lazos I., Chatzipetros A., Pavlides S., Bitharis S., Pikridas C., Sboras S.: Ground deformation modelling, caused by the recent earthquakes of Ionian Islands, Greece.

Lazos I., Chatzipetros A., Pavlides S., Bitharis S., Pikridas C.: Tectonics of the Corinth Gulf, Greece, based on primary geodetic data

Koukouvelas I., SGT UP Group: Earthquake triggered rock-falls and taluses: the case of the Skolis Mountain, North Peloponnese, Greece

Mavroulis S., Skourtsos E., Danamos G., Lekkas E.: The 2008 (June 8, Mw=6.4) Northwestern Peloponnese (Greece) earthquake: macroseismic intensity assessment using the ESI 2007 and EMS-98 scales and correlation to neotectonic structures and active faults

Mavroulis S., Dilalos S., Alexopoulos I., Skourtsos E., Lekkas E.: Multidisciplinary analysis including neotectonic mapping, morphotectonic indices, applied geophysics and remote sensing techniques for studying recently recognized active faults in Northwestern Peloponnese (Greece)

Tranos M., Georgiadis G.: Kinematic compatibility and paleostress analysis of heterogeneous fault-slip data from Kopaonik Mts. (Southern Serbia)

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Brief Programme

09.00-10.00	<i>Reception and Registration</i>		
	<i>Hall I12</i>		<i>Presenter*</i>
10.00-10.30	Greetings		
10.30-11.00	Invited Lecture	Caputo R.	
	<i>Hall I12</i>		
11.00-12.40	Session A MOVRI Mtn EARTHQUAKE Oral Presentations – Discussion	<i>11.00-11.15</i>	Papadimitriou
		<i>11.15-11.30</i>	Karakostas
		<i>11.30-11.45</i>	Giannopoulos
		<i>11.45-12.00</i>	Briole
		<i>12.00-12.15</i>	Serpetsidaki
		<i>12.15-12.30</i>	Lappas
12.40-13.00	Coffee Break – Poster Session		
	<i>Hall I12</i>		
13.00-14.40	Session B SEISMOLOGY – DEFORMATION - TECTONICS OF WESTERN GREECE Oral Presentations – Discussion	<i>13.00-13.15</i>	Rigo
		<i>13.15-13.30</i>	Ganas
		<i>13.30-13.45</i>	Kassaras
		<i>13.45-14.00</i>	Triantafyllou
		<i>14.00-14.15</i>	Haddad
		<i>14.15-14.30</i>	Sakkas
14.40-15.00	Lunch Break – Poster Session		
	<i>Hall I12</i>		
15.00-16.45	Session C REGIONAL – CASE STUDIES Oral Presentations – Discussion – Closing Workshop	<i>15.00-15.15</i>	Kiratzi
		<i>15.15-15.30</i>	Stefanou
		<i>15.30-15.45</i>	Kazantzidou-Firtinidou
		<i>15.45-16.00</i>	Mouslopoulou
		<i>16.00-16.15</i>	Sakellariou
		<i>16.15-16.30</i>	Papatheodorou
		<i>16.30-16.35</i>	Cerrone

**As presenter is considered the first author of each contribution.*

ORGANISING COMMITTEE	
PRESIDENT	<i>Ioannis Koukouvelas</i>
VICE – PRESIDENT	<i>Athanasios Ganas</i>
SECRETARY	<i>Vasiliki Zygouri</i>
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The Organizing Committee of the 2nd Scientific Meeting of Tectonics Committee of Geological Society of Greece expresses its grateful thanks to the Hellenic Petroleum for their substantial support.



ΠΑΝΕΠΙΣΤΗΜΙΟ
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Invited Speaker : Riccardo Caputo, Ferrara University (Italy)

**VENUE: Conference & Cultural Center of the University of Patras
Patras, 13 June 2018**

Organizers



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