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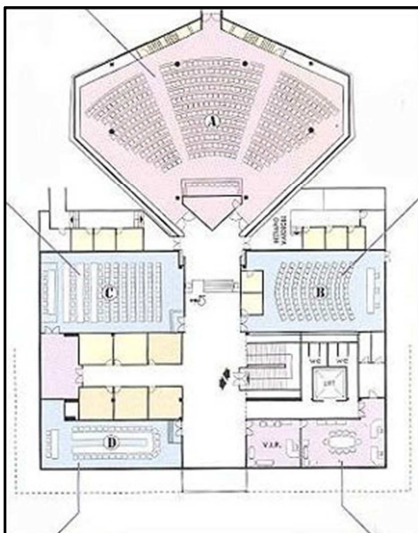
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Kostas Vouvalidis

CBGA 2010 Venues

CBGA 2010 takes place in two main venues:

- **Rooms A, B and C:** Nikolaos Germanos Congress Centre (*main Congress venue*).
- **Ceremonial Hall:** Aristotle University Campus (*Opening Ceremony*).



Nikolaos Germanos Congress Centre floor plan (rooms A, B and C).



Map of the Congress Centre (CC) and A.U.Th's Ceremonial Hall (CH)

CBGA 2010 Summary Schedule (per Session)

Abbreviations in parentheses indicate the presentation Room (**A, B, C:** Rooms A, B and C; **PH:** Poster Hall; **CH:** Ceremonial Hall A.U.Th. – Aula). Sessions in the original programme with no oral presentations have been cancelled, while other with only a few oral presentations have been merged with similar ones.

Session	Thu Sep 23	Fri Sep 24	Sat Sep 25	Sun Sep 26
INVITED TALKS	16:00-17:00 (A) 20.20-21.00 (CH)	14.00-15.00 (A)	14.00-15.00 (A)	
POSTER SESSIONS	18:30-19:30 (PH)	20:30-21:30 (PH)	20:30-21:30 (PH)	19:00-20:00 (PH)
G01. Structural geology and Neotectonics	09.00-10.30 (A) 11.00-12.30 (A) 13.00-14.45 (A) 17.00-18.45 (A) Posters (PH)			
G02. Stratigraphy and Palaeontology		17.00-18.30 (B) 19.00-20.30 (B)	Posters (PH)	
G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.				15.30-17.00 (A) 17.30-19.15 (A) Posters (PH)
G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology		09.00-10.30 (A) 11.00-12.30 (A) 15.00-16.30 (A) 17.00-18.30 (A) 19.00-20.30 (A) Posters (PH)		
G05. Seismology, Geophysics and Physics of the Earth's interior	09:00-10:30 (C) 11:00-12:30 (C) Posters (PH)			
G06. Meteorology, Climatology and Atmospheric environment (<i>merged with S25</i>)				13:00-14:30 (A) Posters (PH)
G07. Earth sciences and Society (teaching and education, health, sustainable development, etc.) (<i>merged with S27</i>)		19:00-20:30 (C) Posters (PH)		
G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology (<i>merged with S33</i>)			Posters (PH)	15:30-17:00 (B) 17:30-19:00 (B)
G09. Remote sensing and information technologies in geosciences (<i>merged with S32</i>)				13:00-14:45 (B) Posters (PH)
G10. Marine geology and Oceanography (<i>merged with S20</i>)				11:00-12:30 (B) Posters (PH)
G11. Environmental geosciences			15:00-16:30 (A) 17:00-18:30 (A) 19:00-20:30 (A) Posters (PH)	
S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region			11:00-12:30 (B) 15:00-16:30 (B) Posters (PH)	
S02. Tectonostratigraphic Terranes in the Balkan region (<i>merged with S03</i>)			09:00-10:30 (C) Posters (PH)	
S03. Circum Pannonian Terranes – Eastern Alps, Carpathian, Dinarides (<i>merged with S02</i>)			11:00-12:30 (C) Posters (PH)	
S04. Correlating Mesozoic lithostratigraphic units within the Carpathian-Balkan region				09:00-10:30 (A) Posters (PH)
S05. Advances in geology and geodynamic evolution of the Rhodope Massif			17:00-18:30 (B) 19:00-20:30 (B) Posters (PH)	
S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics (<i>merged with S10</i>)	13:00-14:30 (C) 17:00-18:30 (C) Posters (PH)			
S07. Danube valley geological structure, neotectonic activity and evolution during the Pliocene-Pleistocene time		09:00-10:30 (C)		
S08. New insights on geodynamics of the Vrancea Zone (Romania) and implications for continental tectonics (<i>cancelled</i>)				

Session	Thu Sep 23	Fri Sep 24	Sat Sep 25	Sun Sep 26
INVITED TALKS	16:00-17:00 (A) 20.20-21.00 (CH)	14.00-15.00 (A)	14.00-15.00 (A)	
POSTER SESSIONS	18:30-19:30 (PH)	20:30-21:30 (PH)	20:30-21:30 (PH)	19:00-20:00 (PH)
S09. Geology of the Pieniny Klippen Belt and the role of zones with extensive shortening in the structure of orogenic belts			09:00-10:30 (B) Posters (PH)	
S10. Geology, geophysics, tectonics and geodynamics of Eastern Anatolia Accretionary Complex (Eastern Turkey high plateau) (<i>merged with S06</i>)	17:00-18:30 (C)			
S11. Olistostromes and their role in tectonostratigraphic reconstructions of the Carpathian-Balkan region		15:00-16:30 (B) Posters (PH)		
S12. The Upper Miocene Paratethyan regime in the Aegean region: causes, timing and implications (<i>merged with S13</i>)		11:00-12:30 (B)		
S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe (<i>merged with S12</i>)		09:00-10:30 (B) 11:00-12:30 (B)	Posters (PH)	
S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions			09:00-10:30 (A) 11:00-12:30 (A) Posters (PH)	
S15. Tertiary potassic and ultrapotassic magmatism along the Carpathian-Balkan-Dinaride chain: petrological processes and geodynamics (<i>merged with S16</i>)				17:30-19:00 (C) Posters (PH)
S16. Progress in understanding the evolution of Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region (<i>merged with S15</i>)				15:30-17:00 (C) 17:30-19:00 (C) Posters (PH)
S17. Phanerozoic geodynamic evolution of the Balkan Peninsula: constraints from petrological and geochronological studies (<i>merged with S22</i>)	11:00-12:30 (B) 13:00-14:45 (B) Posters (PH)			
S18. New advances of understanding physical volcanology processes in the Carpathian-Balkan region from a global perspective	09:00-10:30 (B) Posters (PH)			
S19. Triassic rifting magmatism and associated deep-water sedimentation: their significance in the early evolution of the western part of Neotethys		11:00-12:30 (C) Posters (PH)		
S20. Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea (<i>merged with G10</i>)				09:00-10:30 (B) 11:00-12:30 (B)
S21. Metallogeny along the Carpathian-Balkan region		15:00-16:30 (C) 17:00-18:30 (C) Posters (PH)		
S22. Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan region (<i>merged with S17</i>)	13:00-14:45 (B) Posters (PH)			
S23. Gemology				09:00-10:30 (C) Posters (PH)
S24. Natural stones, usage and testing				11:00-12:45 (C) 13:00-14:45 (C) Posters (PH)
S25. Weather modification (<i>merged with G06</i>)				13:00-14:30 (A) Posters (PH)
S26. Measurements and modeling of biologically active UV solar radiation: towards balancing risks and benefits				11:00-12:30 (A) Posters (PH)
S27. Palaeoenvironmental research in Balkan mountain areas (<i>merged with G07</i>)		19:00-20:30 (C) Posters (PH)		
S28. Geotourism (<i>merged with G29</i>)	17:00-18:45 (B) Posters (PH)			
S29. Promoting geoconservation in South-Eastern Europe – Geoparks (<i>merged with G28</i>)	17:00-18:45 (B) Posters (PH)			
S30. Underwater geoarchaeology: an interdisciplinary field bridging marine geosciences and underwater archaeology			15:00-16:30 (C) 17:00-18:30 (C)	
S31. Earthquake archaeology and geoarchaeology around Eastern Mediterranean and Black Sea (special IGCP 567 session)		Posters (PH)		
S32. The use and applications of GPS and InSAR to geohazards across South-Eastern Europe (<i>merged with G09</i>)				13:00-14:45 (B) Posters (PH)

Session	Thu Sep 23	Fri Sep 24	Sat Sep 25	Sun Sep 26
INVITED TALKS	16:00-17:00 (A) 20.20-21.00 (CH)	14.00-15.00 (A)	14.00-15.00 (A)	
POSTER SESSIONS	18:30-19:30 (PH)	20:30-21:30 (PH)	20:30-21:30 (PH)	19:00-20:00 (PH)
S33. Assessment of climate, natural hazard and anthropogenic influence in Carpathian-Balkan lake sediments (<i>merged with G08</i>)				17:30-19:00 (B) Posters (PH)
n/a. <i>Meeting our critical needs for European minerals competitive growth and sustainability</i> (Special I.G.M.E. Session)			19:00-20:30 (C)	

CBGA 2010 Summary Schedule (per day)

Thursday, 23 September			
Time	Room A	Room B	Room C
09.00-10.30	G01. Structural geology and Neotectonics I	S18. New advances of understanding physical volcanology processes in the Carpathian-Balkan region from a global perspective	G05. Seismology, Geophysics and Physics of the Earth's interior I
10.30-11.00	BREAK	BREAK	BREAK
11.00-12.30	G01. Structural geology and Neotectonics II	S17. Phanerozoic geodynamic evolution of the Balkan Peninsula: constraints from petrological and geochronological studies I	G05. Seismology, Geophysics and Physics of the Earth's interior II
12.30-13.00	BREAK	BREAK	BREAK
13.00-14.45	G01. Structural geology and Neotectonics III	S17. Phanerozoic geodynamic evolution of the Balkan Peninsula: constraints from petrological and geochronological studies II S22. Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan region	S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics I
14.45-16:00	BREAK	BREAK	BREAK
16.00-17:00	Invited talk (Room A) Mountrakis D.: Evolution of the Tethyan orogenic process in Greece and the Eastern Mediterranean region		
17.00-18.45	G01. Structural geology and Neotectonics IV	S28. Geotourism S29. Promoting geoconservation in South-East Europe-Geoparks	S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics II S10. Geology, geophysics, tectonics and geodynamics of Eastern Anatolia Accretionary Complex (Eastern Turkey high plateau)
Poster Hall			
18.30-19.30	G01. Structural geology and Neotectonics G05. Seismology, Geophysics and Physics of the Earth's interior S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics S18. New advances of understanding physical volcanology processes in the Carpathian-Balkan region from a global perspective S22. Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan Region S28. Geotourism S29. Promoting geoconservation in South-East Europe – Geoparks		
Ceremonial Hall A.U.Th (Aula)			
20.00-21.10	Opening Ceremony		
21.10-23.00	Reception		

CBGA 2010 Summary Schedule (per day)

Friday, 24 September			
	Room A	Room B	Room C
09.00-10.30	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology I	S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe I	S07. Danube valley geological structure, neotectonic activity and evolution during the Pliocene -Pleistocene time
10.30-11.00	BREAK	BREAK	BREAK
11.00-12.30	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology II	S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe II S12. The Upper Miocene Paratethyan regime in the Aegean region: causes, timing and implications	S19. Triassic rifting magmatism and associated deep-water sedimentation: their significance in the early evolution of the western part of Neotethys
12.30-14.00	BREAK	BREAK	BREAK
14.00-15.00	Invited talk (Room A) Economou-Eliopoulos M.: Exploration for Platinum-group elements (PGE) in the Carpathian-Balkan systems		
15.00-16.30	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology III	S11. Olistostromes and their role in tectonostratigraphic reconstructions of the Carpathian-Balkan region	S21. Metallogeny along the Carpathian-Balkan region I
16.30-17.00	BREAK	BREAK	BREAK
17.00-18.30	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology IV	G02. Stratigraphy and Palaeontology I	S21. Metallogeny along the Carpathian-Balkan region II
18.30-19.00	BREAK	BREAK	BREAK
19.00-20.45	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology V	G02. Stratigraphy and Palaeontology II	G07. Earth sciences and Society (teaching and education, health, sustainable development, etc.) S27. Palaeoenvironmental research in Balkan mountain areas
Poster Hall			
20.30-21.30	G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology G07. Earth sciences and Society (teaching and education, health, sustainable development, etc.) S11. Olistostromes and their role in tectonostratigraphic reconstructions of the Carpathian-Balkan region S19. Triassic rifting magmatism and associated deep-water sedimentation: their significance in the early evolution of the western part of Neotethys S21. Metallogeny along the Carpathian-Balkan region S27. Palaeoenvironmental research in Balkan mountain areas S31. Earthquake archaeology and geoarchaeology around Eastern Mediterranean and Black Sea (special IGCP 567 session)		

CBGA 2010 Summary Schedule (per day)

Saturday, 25 September			
Time	Room A	Room B	Room C
09.00-10.30	S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions I	S09. Geology of the Pieniny Klippen Belt and the role of zones with extensive shortening in the structure of orogenic belts	S02. Tectonostratigraphic Terranes in the Balkan region
10.30-11.00	BREAK	BREAK	BREAK
11.00-12.30	S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions II	S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region I	S03. Circum Pannonian Terranes – Eastern Alps, Carpathians, Dinarides
12.30-14.00	BREAK	BREAK	BREAK
14.00-15.00	Invited talk (Room A) Seghedi I.: Miocene - recent magmatism and geodynamic process in Carpathian Pannonian region – relations with Balkan and Aegean areas		
15.00-16.30	G11. Environmental geosciences I	S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region II	S30. Underwater geoarchaeology: an interdisciplinary field bridging marine geosciences and underwater archaeology I
16.30-17.00	BREAK	BREAK	BREAK
17.00-18.30	G11. Environmental geosciences II	S05. Advances in geology and geodynamic evolution of the Rhodope Massif I	S30. Underwater geoarchaeology: an interdisciplinary field bridging marine geosciences and underwater archaeology II
18.30-19.00	BREAK	BREAK	BREAK
19.00-20.45	G11. Environmental geosciences III	S05. Advances in geology and geodynamic evolution of the Rhodope Massif II	Special I.G.M.E. Session: Meeting our critical needs for European minerals competitive growth and sustainability
Poster Hall			
20.30-21.30	G02. Stratigraphy and Palaeontology G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology G11. Environmental geosciences S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region S02. Tectonostratigraphic Terranes in the Balkan region S03. Circum Pannonian Terranes – Eastern Alps, Carpathians, Dinarides S05. Advances in geology and geodynamic evolution of the Rhodope Massif S09. Geology of the Pieniny Klippen Belt and the role of zones with extensive shortening in the structure of orogenic belts S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions		

CBGA 2010 Summary Schedule (per day)

Sunday, 26 September			
Time	Room A	Room B	Room C
09.00-10.30	S04. Correlating Mesozoic lithostratigraphic units within the Carpathian-Balkan region	S20. Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea I	S23. Gemology
10.30-11.00	BREAK	BREAK	BREAK
11.00-12.30	S26. Measurements and modeling of biologically active UV solar radiation: towards balancing between risks and benefits	S20. Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea II G10. Marine geology and Oceanography	S24. Natural stones, usage and testing I
12.30-13.00	BREAK	BREAK	BREAK
13.00-14.45	G06. Meteorology, Climatology and Atmospheric environment S25. Weather modification	S32. The use and applications of GPS and InSAR to geohazards across South-Eastern Europe G09. Remote sensing and information technologies in geosciences	S24. Natural stones, usage and testing II
14.45-15.30	BREAK	BREAK	BREAK
15.30-17.00	G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.) I	G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology I	S16. Progress in understanding the evolution of the Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region I
17.00-17.30	BREAK	BREAK	BREAK
17.30-19.15	G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.) II	G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology II S33. Assessment of climate, natural hazard and anthropogenic influence in Carpathian-Balkan lake sediments	S16. Progress in understanding the evolution of the Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region II S15. Tertiary potassic and ultrapotassic magmatism along the Carpathian-Balkan-Dinaride chain: petrological processes and geodynamics
Poster Hall			
19.00-20.00	G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.) G06. Meteorology, Climatology and Atmospheric environment G09. Remote sensing and information technologies in geosciences G10. Marine geology and Oceanography S04. Correlating Mesozoic lithostratigraphic units within the Carpathian-Balkan region S15. Tertiary potassic and ultrapotassic magmatism along the Carpathian-Balkan-Dinaride chain: petrological processes and geodynamics S16. Progress in understanding the evolution of the Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region S23. Gemology S24. Natural stones, usage and testing S25. Weather modification S26. Measurements and modeling of biologically active UV solar radiation: towards balancing between risks and benefits S32. The use and applications of GPS and InSAR to geohazards across South-Eastern Europe S33. Assessment of climate, natural hazard and anthropogenic influence in Carpathian-Balkan lake sediments		
Ceremonial Hall A.U.Th (Aula)			
20.00-21.00	Closing Ceremony		

Ceremonies

Time	Description
Thursday, 23 September, Ceremonial Hall A.U.Th. (Aula)	
20:00-23:00	OPENING CEREMONY
20:00-20:20	Addresses
20:20-21:00	INVITED TALK Seiradakis I. <i>The Antikythera Mechanism: An ancient, Greek, astronomical computer</i>
21:00-23:00	Reception
Sunday, 26 September, Room A	
20:00-21:00	CLOSING CEREMONY
	<ul style="list-style-type: none">• Overview and results of CBGA 2010• Appointment of the next CBGA Congress (2014)

Invited talks

Time	Author	Title
Thursday, 23 September, Room A		
16:00-17:00	Mountrakis D.	<i>Evolution of the Tethyan orogenic process in Greece and the Eastern Mediterranean region</i>
Friday, 24 September, Room A		
14:00-15:00	Economou-Eliopoulos M.	<i>Exploration for Platinum-group elements (PGE) in the Carpathian-Balkan systems</i>
Saturday, 25 September, Room A		
14:00-15:00	Seghedi I.	<i>Miocene – recent magmatism and geodynamic process in Carpathian Pannonian region – relations with Balkan and Aegean areas</i>

Thursday, 23 September 2010, Room A

G01. Structural geology and Neotectonics I

Chairs: Pavlides S. and Özgür N.

09:00-09:15	Kopp M.	A problem of rigidity of the Eurasian lithospheric plate in the light of data on age and dynamics of the Cenozoic intraplate deformations in different regions of the Northwestern Eurasia
09:15-09:30	Yümün Z.Ü.	New Findings from Surfacing Permian-Triassic Transmission in Eastern Taurus (Yahyali, Kayseri, Turkey)
09:30-09:45	<u>Toker E.</u> , Yağmurlu F.	Tectono- sedimentary evolution of the Eocene transgressive deposits in the SW Turkey: an overview
09:45-10:00	<u>Özgür N.</u> , Yağmurlu F, Kamacı Z., Şentürk M, Caliskan T.A.	Geological features of Kışla dome structure in South of Isparta and its tectonic evolution, SW Turkey
10:00-10:15	Karaman M.	The Isparta Angle and its relationship with Aegean-Cyprus Tectonic Arcs, SW Turkey
10:15-10:30	<u>Dirik K.</u> , Kahraman B., Özsayın E., Üner S., Kutluay A.	Çamlıca High (South of Soma, Manisa): an important structure for understanding the Neogene-Quaternary tectonics of the Central Western Anatolia

10:30-11:00 BREAK

G01. Structural geology and Neotectonics II

Chairs: Mountrakis D. and Trifonov V.

11:00-11:30	Trifonov V.	KEYNOTE: Vrancea and Hindu Kush areas of mantle earthquakes: comparative tectonic analysis
11:30-11:45	Sprinceana V., <u>Dordea D.</u> , Dobrescu A.	Could geophysical modeling solve some of the Transylvanian Basin (Romania) structural problems?
11:45-12:00	Fountoulis I., <u>Skourtsos E.</u> , Mavroulis S., Kranis H.	Forearc-dipping normal faulting in Central-Western Peloponnesus, Greece
12:00-12:15	<u>Sfeikos A.</u> , Kiliias A.	Strain geometry and kinematics along the central Pindos Thrust Belt in Northern Greece: implications for the structural evolution of the External Hellenides.
12:15-12:30	Lula F., <u>Lula E.</u>	Petroleum exploration in the Krasta-Cukali Basin: a review

12:30-13:00 BREAK

Thursday, 23 September 2010, Room A

G01. Structural geology and Neotectonics III

Active tectonics and paleoseismology (sponsored by INQUA project 0811)

Chairs: Chatzipetros A.A. and Papanikolaou I.

13:00-13:15	Chatzipetros A.A., <u>Pavlidis S.</u> , Zervopoulou A.	Urban paleoseismology: case studies from Thessaloniki, Greece
13:15-13:30	Zygouri V., Kokkalas S., Xypolias P., <u>Koukouvelas I.K.</u> , Papadopoulos G.A.	The role of paleoseismology in studying an emerging or blind fault: the case of Nisi fault, NW Peloponnese, Greece
13:30-13:45	<u>Ganas A.</u> , Palyvos N., Mavrikas G., Kollias S., Tsimi C.	Geomorphological and geological observations at the coast of Tripiti Hill (Heraklion harbour, Crete), in relation to reported active faulting
13:45-14:00	<u>Lalechos S.</u> , Metaxas Ch., Karvela V., Stefouli M.	East Taygetos fault zone (Peloponnesus, southern Greece): dormant fault zone bordering awake neotectonic structure
14:00-14:15	<u>Papanikolaou I.</u> , Lekkas E., Fountoulis I., Fomelis M., Parcharidis I.	Fault geometry, surface ruptures, damage pattern and deformation field of the 2009 L' Aquila earthquake. Findings and implications
14:15-14:30	<u>Kayin S.</u> , Dolmaz M.N.	Archeo-geophysical investigations in Acmonia antique city (western Turkey) using magnetic methods
14:30-14:45	<u>Yigit E.</u> , Çakmak O., Hürmüzlu B.	Archeological investigation with geophysics method in Gönen Isparta/Turkey

14:45-16:00 BREAK

16:00-17:00 INVITED TALK

Mountrakis D.: Evolution of the Tethyan orogenic process in Greece and the Eastern Mediterranean region (Room A)

G01. Structural geology and Neotectonics IV

Chairs: Kiliass A. and Koukouvelas I.

17:00-17:15	<u>Kurz W.</u> , Woelfler A., Fritz H., Stuewe, K.	Time constraints and plate tectonic controls for lateral extrusion in the Eastern Alps
17:15-17:30	<u>Gagała Ł.</u> , Vergés J., Saura E., Malata T., Ringenbach J.-C., Werner P., Krzywiec P.	Orogenic evolution of Polish and Slovak Outer Carpathians revealed by a 2D kinematic modeling
17:30-17:45	<u>Krzywiec P.</u> , Aleksandrowski P., Oszczypko N., Bukowski K., Wysocka A., Pietsch K., Pisaniec K., Sieniawska I.	Structure and Miocene evolution of the frontal Polish Carpathians: a synthesis
17:45-18:00	<u>Pietsch K.</u> , Golonka J., Marzec P., Florek R.	Structural interpretation of seismic data in Polish Outer Carpathians southwest and southeast of Krakow
18:00-18:15	Zuchiewicz W.	Quaternary tectonics of the Western Carpathians in Poland: Evidence from deformed fluvial terraces
18:15-18:30	<u>Madej J.</u> , Zuchiewicz W., Toj M., Porzucek S.	Recent tectonic activity of the Polish Western Outer Carpathians: Geomorphic and gravimetric constraints
18:30-18:45	<u>Dordea D.</u> , Dobrescu A., Sprinceana V.	Photogeological interpretation: an efficient tool for tectonic analysis. Study case -the Oas-Gutai Mts. (NW Romania)

Thursday, 23 September 2010, Room B

S18. New advances of understanding physical volcanology processes in the Carpathian-Balkan region from a global perspective

Chairs: Németh K. and Pécskay Z.

09:00-09:15	<u>Lexa J.</u> , Fulop A., Konecny V., Kovacs M., Németh K., Pécskay Z., Seghedi I., Szakacs A.	Neogene-Quaternary volcanic forms in the Carpathian-Pannonian region: a review
09:15-09:30	<u>Seghedi I.</u> , Szakács A., Roşu E., Pécskay Z., Gmeling K.	Note on the evolution of a Miocene composite volcano in an extensional setting, Zarand Basin (Apuseni Mts., Romania)
09:30-09:45	<u>Kovacs M.</u> , Pécskay Z., Fülöp A., Jurje M., Edelstein O.	Time and space distribution of the Neogene intrusive magmatism from Oaş-Gutâi Mts., Eastern Carpathians, Romania
09:45-10:00	<u>Pécskay Z.</u> , Lexa J.	Radiometric dating of rhyolites by conventional K/Ar method: methodology
10:00-10:15	Németh K.	Volcanic glass textures, shape characteristics and compositions from phreatomagmatic rock units of the western Hungarian monogenetic volcanic fields and their implication to magma fragmentation
10:15-10:30		<i>Discussion</i>

10:30-11:00 BREAK

S17. Phanerozoic geodynamic evolution of the Balkan Peninsula: constraints from petrological and geochronological studies I

Chairs: von Quadt A., Neubauer F. and Marchev P.

11:00-11:30	<u>Pleuger J.</u> , Georgiev N., Jahn-Awe S., Kirchenbauer M., Nagel T.J., Froitzheim N.	KEYNOTE: New structural and geochronological data for the Tertiary evolution of the Rhodopes
11:30-11:45	<u>Kounov A.</u> , Schmid S.M.	Fission-track constraints on the thermotectonic evolution of the Apuseni Mountains (Romania)
11:45-12:00	<u>Schefer S.</u> , Cvetkovic V., Fugenschuh B., Kounov A., Ovtcharova M., Schaltegger U., Schmid S.M.	Cenozoic granitoids in the Dinarides of southern Serbia: age of intrusion, isotope geochemistry, exhumation history and significance for the geodynamic evolution of the Balkan Peninsula
12:00-12:15	<u>Möll M.</u> , von Quadt A., Peytcheva I., Heinrich C.	Cretaceous magmatic evolution of the Timok magmatic complex (TMC) and Ridanj-Krepoljin zone (RKZ), East Serbia: Implications from geochemistry and geochronology
12:15-12:30	<u>Dyulgerov M.</u> , Ovtcharova M., Schaltegger U.	Unraveling the time of formation of potassic-alkaline rocks in the Variscan edifice in Stara planina, Bulgaria: IDTIMS and LA ICP-MS study

12:30-13:00 BREAK

Thursday, 23 September 2010, Room B

S17. Phanerozoic geodynamic evolution of the Balkan Peninsula: constraints from petrological and geochronological studies II

S22. Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan region

Chairs: von Quadt A., Peytcheva I. and Marchev P.

13:00-13:15	<u>Bosse V.</u> , Cherneva Z., Gautier P., Gerdjikov I.	Two partial melting events as recorded by the U-Th-Pb chronometer in monazite: LA-ICPMS in situ dating in metapelites from the Bulgarian Central Rhodope
13:15-13:30	<u>Marchev P.</u> , Arai S., Ishida Y., Shirasaka M., Downes H.	Trace element and isotopic constraints on the genesis of the cumulitic xenoliths from the alkaline basalts in the eastern Rhodope metamorphic core complexes
13:30-13:45	<u>von Quadt A.</u> , Peytcheva I., Sarov St., Heinrich C.A.	Cretaceous magmatic evolution of the Srednogorie Zone (Bulgaria) and the continuous evolution into the Rhodopen Massif (Bulgaria, Greece)
13:45-14:00	<u>Neubauer E.</u> , Bilyarski S., Genser J., Ivanov Z., Peytcheva I., von Quadt A.	Jurassic and Cretaceous tectonic evolution of the Sakar and Srednogorie zones, Bulgaria: ⁴⁰ Ar/ ³⁹ Ar mineral ages and structures
14:00-14:15	Trivića B., <u>Antić M.</u> , Cvetković V.	Brittle tectonic events in the western boundary of the East Serbian Carpatho-Balkanides: preliminary results based on structural and paleostress analyses in the Gornjak area
14:15-14:30	<u>Peytcheva I.</u> , von Quadt A., Dyulgerov M, Nedialkov R.	Age and source heterogeneities in the rocks of Lutzkan and Ruy plutons, Bulgaria: some thoughts about their relation to the Au-mineralization at "Zlata" deposit
14:30-14:45	<u>Serafimovski T.</u> , Blazev K., Tasev G., Volkov A.	Relationship between Cenozoic structures and polymetallic mineralizations in the central part of the Serbo-Macedonian massif

14:45-16:00 BREAK

16:00-17:00 INVITED TALK

Mountrakis D.: Evolution of the Tethyan orogenic process in Greece and the Eastern Mediterranean region (Room A)

S28. Geotourism

S29. Promoting geoconservation in South-East Europe – Geoparks

Chairs: Timčák G., Zouros N., Fassoulas C. and Grigorescu D.

17:00-17:15	<u>Górna M.</u> , Golonka J.	The geotourist assessment of the volcanic sites in Vtáčnik Mts. (Slovakia, Western Carpathians).
17:15-17:30	<u>Dmytrowski P.</u> , Górna M.	The geotourist development on the example of the area of Jasieniowa Mt. (Western Carpathians Flysch, Poland).
17:30-17:45	<u>Dobos A.</u> , Gali Z.	Geological and geomorphological values of the Castle Hill Geological and Educational Trail situated in Szanda (Northern Hungary)
17:45-18:00	<u>Dombay Št.</u> , Magyari-Sáska Zs., Seer M.	The Management of a Sustainable Touristic Activity at the Lacu-Roșu Touristic Resort - Within the "Bicaz Gorge - Hășmasul Mare" National Park
18:00-18:15	<u>Zouros N.</u> , Fassoulas C., Valiakos I.	European Geopark Network and Geotourism
18:15-18:30	Andrasanu A.	Buzaul Land Geopark. Steps in building a new geopark in Romania
18:30-18:45	<u>Zouros N.</u> , Gumus E.	Vulnerable geosite protection and management in Geoparks - a case study of tafone in Lesvos Petrified Forest Geopark

Thursday, 23 September 2010, Room C

G05. Seismology, Geophysics and Physics of the Earth's interior I

Chairs: Console R. and Karakostas V.

09:00-09:15	<u>Console R.</u> , Falcone G., Karakostas V., Murru M., Papadimitriou E., Parsons T., Rhoades D.	Comparison of characteristic and Gutenberg-Richter models for time-dependent $M \geq 6.0$ earthquake hazard in the Corinth gulf, Greece
09:15-09:30	<u>Adamaki A.</u> , Papadimitriou E., Tsaklidis G., Karakostas V.	Statistical methods applied to aftershock sequences
09:30-09:45	<u>Kalyoncuoglu U.Y.</u>	Evaluation of present day seismicity in the Aegean Region using Kaltek Method
09:45-10:00	<u>Paradisopoulou P.M.</u> , Papadimitriou E.E., Mirek J., Karakostas V.G.	Time-Dependent probability distribution on faults associated to strong earthquakes ($M \geq 6.5$) in the broader Greece area
10:00-10:15	<u>Leptokaropoulos K.M.</u> , Papadimitriou E.E., Orlecka-Sikora B., Karakostas V.G.	Study of time dependent earthquake occurrence in Greece: relationship between seismicity rate changes and stress transfer and implications for time dependent seismic hazard assessment
10:15-10:30	<u>Mukhamediev Sh.</u> , Grachev A., Yunga S.	Nonstationary stress-strain perturbations migrated from mid-ocean ridges and the asthenosphere viscosity

10:30-11:00 BREAK

G05. Seismology, Geophysics and Physics of the Earth's interior II

Chairs: Baciu C. and Kondopoulou D.

11:00-11:15	<u>Baranov A.</u> , <u>Trubitsyn V.</u> , Trubitsyn A.	Parameters of phase transitions in the mantle and its influence on mantle convection
11:15-11:30	<u>Besutiu L.</u>	Crust to lithosphere geophysical imprints of the W Black Sea opening
11:30-11:45	<u>Šumanovac F.</u> , Hegedűs E., Orešković J., Kovács A.C., Dudjak D., Kolar S.	Passive seismic experiment at the contact of the Dinarides and Pannonian Basin (ALPASS-DIPS) deployment and characteristic receiver functions
11:45-12:00	<u>Tema E.</u> , Kondopoulou D.	Secular variation of the earth's magnetic field in the Balkan region during the last 5 millennia
12:00-12:15	<u>Kokinou E.</u> , Panagiotakis C., Sarris A.	Application of skeletonization on geophysical images
12:15-12:30	<u>Baciu C.</u> , Etiope G., Spulber L., Costin D., Pop C.	Romanian mud volcanoes ; main features and methane flux to the atmosphere

12:30-13:00 BREAK

Thursday, 23 September 2010, Room C

S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics I

Chairs: Cavazza W. and Papanikolaou D.

13:00-13:15	<u>Cavazza W.</u> , Okay A.I., Zattin M.	The Eocene-Oligocene geodynamic setting of the Thrace Basin (Turkey, Greece, and Bulgaria)
13:15-13:30	<u>Fodor L.I.</u> , Okay A., Özcan E.	Origin and deformation of the Thrace Basin: constraints from fault-slip analysis
13:30-13:45	<u>Karadenizli L.</u> , Sen S.	Late Eocene-Oligocene Palaeogeography of Thrace Basin and Its Relationship with Eastern Thrace Basin
13:45-14:00	<u>Papanikolaou D.</u> , Triantaphyllou M.	Tectonostratigraphic observations in the western Thrace Basin in Greece and correlations with the eastern part in Turkey
14:00-14:15	<u>Caracciolo L.</u> , Critelli S., Innocenti F., Manetti P., Tolosana-Delgado R., von Eynatten H., Muto F.	Combined petrological, geochemical and statistical analysis of Eocene-Oligocene sandstones of the Thrace Basin, Greece and Bulgaria
14:15-14:30	<u>d' Atri A.</u> , Zuffa G.G., Cavazza W., Okay A.I., Di Vincenzo G.	A multi-source provenance for Eocene-Oligocene turbidites in the southern Thrace Basin

14:30-16:00 BREAK

16:00-17:00 INVITED TALK

Mountrakis D.: Evolution of the Tethyan orogenic process in Greece and the Eastern Mediterranean region (Room A)

S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics II

S10. Geology, geophysics, tectonics and geodynamics of Eastern Anatolia Accretionary Complex (Eastern Turkey high plateau)

Chairs: Papanikolaou D. and Cavazza W.

17:00-17:15	<u>Zagorchev I.</u> , Ivanova D. and Bassi D.	Observations on the Palaeogene of Samothraki Island: implications for the geology of Rhodope and Thrace
17:15-17:30	<u>Less G.</u> , Özcan E., Okay A.I.	Larger foraminiferal stratigraphy and paleoenvironments of the Middle Eocene to Lower Oligocene shallow-marine units in the northern and eastern parts of the Thrace Basin, NW Turkey
17:30-17:45	<u>Özcan E.</u> , Less G., Okay A.I., Baldi-Beke M., Kollanyı K., Yılmaz I..	Stratigraphy and larger Foraminifera of the Eocene shallow-marine and olistostromal units of the southern part of Thrace Basin, NW Turkey
17:45-18:00	<u>Çelik Y.</u> , <u>Karayigit A.I.</u> , Querol X.	Coal properties of the profile samples from the deltaic deposits of Oligo-Miocene Age, Yeniköy-İstanbul, Thrace Basin (Turkey)
18:00-18:15	<u>Krastel S.</u> , Litt Th., Anselmetti F.S., Kipfer R., Örcen S., Çagatay N., Cukur D.	Lake Van Drilling Project "PaleoVan"
18:15-18:30		<i>Discussion</i>

Thursday, 23 September 2010, Poster Sessions (18:30-19:30)

Board	Authors	Poster title
G01. Structural geology and Neotectonics		
1.	<u>Adamia S.</u> , Chabukiani A., Chkhotua T., Sadradze N., Zakaraia D., Zakariadze G.	Geology of the Caucasus and Adjacent Areas: 1:2 500 000 Scale Geological Map
2.	<u>Giorgobiani T.</u> , Zakaraia D.	Interference folding of the southern slope of the Greater Caucasus
3.	Krupsky Y., Chepil P., <u>Gladun V.</u>	Shows of lithospheric plates collision in region of Eastern Carpathians
4.	<u>Pavlyuk M.</u> , Rizun B., Medvedev A.	Pre-Alpine history of the Ukrainian Carpathian Foreland and its combustible minerals
5.	<u>Krupsky Y.</u> , Koltun Y.	Geodynamics of Carpathian and Crimean fold belts formation
6.	Pavlyuk M., Savchak O., <u>Koltun Y.</u>	Neotectonic activation of the Crimean - Black Sea region
7.	<u>Coltoi O.</u> , Pene C.	Reverse fault system Cenade-Rusi-Veseud, effect of the Carpathian tectonic phases
8.	Swadzba R.	Structural data from Skupniow Uplaz Mountain (Tatra Mts., Poland).
9.	<u>Puglisi D.</u> , Kyriakopoulos K., Karakitsios V., Tsipoura-Vlachou M., Barbera G., Mazzoleni P.	Preliminary petrographic data on the Early Cretaceous Boeothian Flysch (External Hellenides, Central Greece); provenance and palaeogeographic implications
10.	<u>Psonis K.</u> , Photiades A., Tsombos P.	Evidence of Pre-Apulian (Paxos) isopic Zone in the Filiatra-Pylos area (SW Peloponnese, Greece)
11.	<u>Photiades A.</u> , Galanakis D., Georgiou Ch.	Tectonic evolution of the Argolis Peninsula (Greece)
12.	Hoffmann N., Reicherter K., <u>Liermann A.</u> , Glasmacher U.A.	Tectonic evolution of the Lake Ohrid and Prespa Basins (FYROM/Albania)
13.	<u>Hoffmann N.</u> , Reicherter K.	Lake Ohrid Basin (FYROM/Albania): a seismogenic landscape
14.	<u>Rudersdorf A.</u> , Hoffmann N., Huertgen J., Reicherter K.	Quaternary evolution of "Ancient Lake Ohrid", FYROM/Albania
15.	Syrides G.	Holocene raised shorelines along Athos peninsula, northern Aegean Sea, Greece: first data
16.	<u>Delogkos E.</u> , Valkaniotis S., Zouros N., Pavlides S.	Morphotectonic analysis along the neotectonic faults of Geras Gulf of Lesbos Island (NE Aegean, Greece)
17.	<u>Fassoulas Ch.</u> , Kagiorgi M., Nikolakakis M.	Morphotectonic analysis of Stavrakia fault scarp with emphasis on seismic risk assessment, Heraklion, Crete, Greece
G05. Seismology, Geophysics and Physics of the Earth's interior		
18.	<u>Gkarlaouni Ch.</u> , Papadimitriou E., Karakostas V., Kiliass A.	Morphotectonic analysis and branching for Mygdonia active fault system (Macedonia, N. Greece)
19.	Bala M., <u>Witek K.</u>	The calculations of the elastic parameters (velocity of P-waves and S-waves) and bulk density for selected wells from the Western Carpathians
20.	Georgieva G.	The Moho's structure in West Bulgaria obtained from receiver function
21.	<u>Grecu B.</u> , Neagoe C., Tataru D.	Analysis of the ambient seismic noise at Romanian BB stations for estimating the crust structure
22.	<u>Korepanov V.</u> , Dudkin F.	Seismogenic magnetic activity study
23.	<u>Kovackova S.</u> , Jozwiak W., Logvinov I., Nowozynski K., Pek J., Ladanivskyy B., Tarasov V.	Database of geomagnetic induction vectors across the Carpathians and modelling of the regional conductivity distribution
24.	<u>Šumanovac F.</u> , <u>Orešković J.</u> , Kolar S., Dudjak D.	Geophysical models at the contact of the Dinarides and Pannonian Basin
25.	<u>Pisaniec K.</u> , Krzywiec P.	Structure of the Podhale basin; new insights from seismic data interpretation
26.	<u>Tataru D.</u> , Grecu B., Raileanu V.	New insights into the lithosphere beneath the Romanian seismic network from Rayleigh wave dispersion and receiver function analysis
27.	Simeonova S., <u>Trifonova P.</u> , Solakov D., Stavrev P.	Contribution of gravity data interpretation to the seismotectonic model compilation; an example from Bulgarian EC8 implementation
28.	Tsiapas E.	Earthquakes - volcanoes (causes and forecast)
29.	Kastelic V., <u>Kiratzi A.</u> , Benetatos C., Živčić M., Bajc J.	Shear wave Q determination for the upper crust of western and central Slovenia
30.	<u>Cadicheanu N.</u> , van Ruymbeke M.	Statistical tidal tomography of the Vrancea intermediate-depth seismic zone
31.	<u>Marzec P.</u> , Pietsch K., Golonka J., Florek R.	Seismic image of the top of Jurassic structure under Polish Outer Carpathians in the zone southeast of Krakow
32.	<u>Jarzyńska J.</u> , Kazmierczuk M.	Statistics to improve results of well-logging interpretation in reservoir rocks: two cases from the Carpathian Foredeep

Board	Authors	Poster title
33.	<u>Maith I.</u> , Tougiannidis N., Jakob J., Gurk M., Kalisperi D., Melles M., Weber M.E.	First results of a geophysical Pre-Site Survey in the Philippi peat basin, eastern Makedonia, northeastern Greece
34.	<u>Mpogiatis P.</u> , Papazachos C., Tsourlos P.	Joint inversion of compressional and shear wave traveltime data, using velocities-ratio constraint with spatially variable weighting
35.	Radev I., Mihaylov E., Marinov G., Ilieva M., Matev Kr., Georgieva G., <u>Popova I.</u>	Complex investigation of Krupnik ; Kresna region in Southwestern Bulgaria by geodesy, gravimetry and seismology
36.	<u>Sobotka J.</u> , Kondrat V.	Experimental and theoretical studies of the relaxation of electrically induced (with direct current) polarization signals in porous media
37.	<u>Tomecka-Suchon S.</u> , Golebiowski T.	Using of GPR method for examination of post-glacial deposits in the Alp of Ornak (the Tatra mountains)
38.	<u>Atzemoglou A.</u> , Tsourlos P.	Large Scale Geoelectrical survey of the Sarantaporon Basin (Thessaly, Greece)
39.	Jarzyna J., <u>Puskarczyk E.</u>	Nuclear Magnetic Resonance (NMR) and mercury porosimetry measurements for permeability determination
40.	<u>Plessa A.</u> , Tsapanos Th., Papadopoulos G. and Karakaisis G.F.	Re-appraisal of Bath's law for earthquake sequences globally distributed
41.	Tsapanos Th.	Probabilities of earthquake occurrence in the Corinth Gulf and its vicinity inferred from combined information
S06. The Eocene-Oligocene Thrace basin in Turkey, Bulgaria and Greece: sedimentation and tectonics		
42.	<u>Kilias A.</u> , Falalakis G., Sfeikos A., Papadimitriou E., Vamvaka A., Garlaoui Ch., Zananiri I.	Architecture of kinematics and deformation history of the Tertiary supradetachment Thrace basin (NE Greece)
43.	Buyukutku A.	Clay, secondary dissolution and tectonic controls on reservoir properties in Upper Eocene tuffs, West Thrace Basin, Turkey
44.	Çelik Y.	Sedimentological characteristics of Oligo-Miocene coal succession at the North of Istanbul, Northwest Turkey
45.	Sayin N.	Estimate of influence of U, Th and K radiogenic heat on the Marmara region and lithospheric structure
S18. New advances of understanding physical volcanology processes in the Carpathian-Balkan region from a global perspective		
46.	<u>Balogh K.</u> , Németh K., Itaya T., Molnár F., Stewart R., Thanh N.X., Hyodo H., Daróczy L.	Loss of 40Ar(rad) from leucite-bearing basanite at low temperature: implications on K/Ar dating
47.	<u>Konečný V.</u> , Konečný P., Pécský Z.	Paleovolcanological reconstruction of the Vepor andesite stratovolcano (Central Slovakia)
48.	<u>Fülöp A.</u> , Kovacs M.	Volcaniclastic rocks in the geological record of the Oaş and Gutâi Mts. Eastern Carpathian; fragmental and reworking processes
S22. Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan region		
49.	<u>Grozdev V.</u> , Georgiev S., von Quadt A., Peytcheva I., Marchev P., Serafimovski T. and SCOPES team	Tertiary magmatism in SW Bulgaria and Eastern FYR Macedonia: geochemistry, geodynamic setting and relation to mineral resources
50.	<u>Atanasova-Vladimirova S.</u> , von Quadt A., Marchev P., Peytcheva I., Piroeva I., Mavrudchiev B.	Petrology and geochronology of the Vitoshka volcano-plutonic edifice, western Srednogorie, Bulgaria
S28. Geotourism		
51.	<u>Madeja G.</u> , Mrowczyk P.	Phenomenon of mud volcanoes in western Romania as a geotourism object
52.	<u>Rudenko V.</u> , Rudenko O.	Territorial differentiation of natural recreation potential of Ukraine
53.	<u>Doktor M.</u> , Golonka J., Wałkowska A., Słomka T.	The best geotouristic objects of the Silesian Unit, Outer Flysch Carpathians in the vicinity of Krakow, Poland
54.	<u>Dziegiel M.</u>	Underground geotouristic routes in the Malopolska District
55.	<u>Gyori Á.</u> , Dobos A.	The cadastre of Geoscientific values in the protected Hegyes-kő Hill situated in Demjén and questions of its buffer zone in concept of "Thermal valley" Touristic Development Plan (North Hungary)
S29. Promoting geoconservation in South-East Europe – Geoparks		
56.	<u>Dumitraş D.G.</u> , Marincea Ş., Anason A.M., Călin N., Ghineţ C., Iancu A.M.	Geodiversity in the Natural Park "Porțile de Fier": cave mineralogy and mineral deposits
57.	<u>Vărzaru C.</u> , Melinte-Dobrinescu M.C., Briceag A.	Upper Cretaceous marine sites of the Hațeg Country Dinosaur Geopark

Board	Authors	Poster title
Additional poster		
58.	Grelewicz M., <u>Kaczmarczyk J.</u> , Zaba J.	Tectonic deformation in the East European Craton (Baltica) and Malopolska Block (European Palaeozoic Platform) border zone (TESZ) - The structural evolution of Cambrian sediments in the exploration boreholes

Friday, 24 September 2010, Room A

G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology I

Chairs: Yanev Y. and Stamatakis M.

09:00-09:15	<u>Kereszturi G.</u> , Csillag G., Németh K., Sebe K., Kadosa B., Jáger V.	Volcanic architecture, eruption mechanism and landform evolution of a Plio/Pleistocene intracontinental basaltic polycyclic monogenetic volcano from the Bakony - Balaton Highland Volcanic Field, Hungary
09:15-09:30	<u>Büchner J.</u> , Tietz O., Gerdes A, Linnemann U.	Age relations and volcanology of zircon bearing basalts from Eastern Saxony (Germany)
09:30-09:45	<u>Tietz O.</u> , Büchner J, Seifert W, Gerdes A, Linnemann U.	Zircon typology and preliminary mineral chemical and isotopic investigations about basaltic gem stone zircons from eastern Saxony, Germany
09:45-10:00	<u>Kavouri S.</u> , Stamatakis M.G., Kafritsa E., Fragoulis D.	The behaviour of amorphous silica-rich rocks as cementitious additives in screed mortars
10:00-10:15	Cehlarof A.	The celestite mineralization of the Middle Miocene (Badenian) diamictites, Vrancea district, Romania
10:15-10:30	<u>Tančić P.</u> , Poznanović M., Dimitrijević R.	Crystal-chemical characteristics of beryl from Cer Mt. (Serbia)

10:30-11:00 BREAK

G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology II

Chairs: Economou-Eliopoulos M. and Beqiraj A.

11:00-11:15	<u>Perraki M.</u> , Karipi S., Rigopoulos I., Tzikouras B., Pomonis P., Hatzipanagiotou K.	Raman spectroscopy as a tool to distinguish grossular/hydrogrossular from vesuvianite in rodingites from the Othrys ophiolite (central Greece)
11:15-11:30	<u>Koutsovitis P.</u> , Magganas A.	The geochemistry and petrogenesis of volcanic rocks within ophiolitic formations at the northeast Othris region, Greece
11:30-11:45	<u>Jarmolowicz-Szulc K.</u> , Jankowski L.	Results of advanced mineralogical and geochemical studies in the Carpathian mélangé zone and selected units (Polish-Ukrainian-Slovak "triangle")
11:45-12:00	<u>Papadopoulos A.</u> , Christofides G., Papastefanou C., Koroneos A., Stoulos S.	Natural radioactivity of granites from Aegean islands (Atticocycladic Zone)
12:00-12:15	<u>Vasilatos Ch.</u> , Megremi I., Economou-Eliopoulos M.	Geochemical characteristics of natural waters contaminated by hexavalent chromium, in Eastern Sterea Hellas, Greece
12:15-12:30	Markova K., Stefanova M., Marinov S. P., <u>Milakovska Z.</u>	Geochemical characteristics of organic matter from overcoal sediments and dump materials (Maritza-East Coal Basin, Bulgaria)

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Economou-Eliopoulos M.: Exploration for Platinum-group elements (PGE) in the Carpathian-Balkan systems (Room A)

G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology III

Chairs: Nedialkov R. and Vaskovic N.

15:00-15:15	<u>Gürsu S.</u> , Göncüoğlu M.C, Köksal S..	Geochemistry and petrogenetic features of the Early Cambrian volcanism in Telbesmi Formation, Mardin-Derik, SE Turkey
15:15-15:30	Kohut M.	Isotopic tracking of the western Carpathians Hercynian granitic rocks sources
15:30-15:45	<u>Raeva E.</u> , Cherneva Z.	Geochemical comparison of some felsic Eocene granite intrusions in the Rhodope Massif, Southern Bulgaria and Northern Greece
15:45-16:00	<u>Sengün F.</u> , Yiğitbaş E., Koralay O.E.	Geochemistry and U-Pb zircon age of low-grade metavolcanic rocks from the Biga Peninsula, Northwestern Turkey
16:00-16:15	Pergamalis F., <u>Karageorgiou D.E.</u> , Koukoulis A., Katsikis J.	Mineralogical–Geochemical Study of Uranium Bearing Granite Phases in Paranesti Area. N. Greece
16:15-16:30	<u>Georgiev S.</u> , Yordanov B., Nedyalkov R.	Petrological and petrochemical characteristics of the rocks of the Kushla caldera, East Rhodopes

Friday, 24 September 2010, Room A

16:30-17:00 BREAK

G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology IV

Chairs: Mposkos E. and Ntaflos Th.

17:00-17:15	Nedialkov R.	Preliminary results on xenoliths in basaltic andesite subvolcanic body in the vicinity of Kroumovgrad, Eastern Rhodopes, Bulgaria
17:15-17:30	<u>Dobrescu A.</u> , Tiepolo M., Negulescu E., Dordea D.	U/Pb zircon geochronology on TTG rocks from South Carpathians (Romania): insights into the geologic history of the Getic crystalline basement
17:30-17:45	<u>Kipouros N.</u> , Dimitriadis S.	Partial melting and genesis of HP graphite-bearing granulites in the intermediate unit of the central Rhodope metamorphic province, Greece
17:45-18:00	Gamkrelidze I., Shengelia D., <u>Tsutsunava T.</u> , Dudaury O., Chichinadze G., Togonidze M., Chickhelidze K., Shubitidze L.	Neoproterozoic and Paleozoic suprasubduction regional metamorphism, granitoid magmatism and geodynamics of the Caucasus
18:00-18:15	Stouraiti Ch.	Geochemical characteristics of the amphibolites (ophiolitic metabasites) from the Serifos metamorphic core complex, Attic-Cycladic metamorphic belt (Cyclades, Greece)
18:15-18:30	<u>Jarmolowicz-Szulc K.</u> , Kozłowska A., Kulerska M.	Petrological studies, isotopic and fluid inclusion relations in the Miocene sandstones in the Polish segment of the Carpathian Foredeep

18:30-19:00 BREAK

G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology V

Chairs: Ilic M. and Tsutsunava T.

19:00-19:15	<u>Ilić M.</u> , Simić V., Miladinović Z.	Magnesite deposits of Serbia: an overview
19:15-19:30	<u>Horkel K.</u> , Unterweissacher T., Ebner F., Mali H., Spotl C.	The stable isotopic composition of cryptocrystalline magnesite occurrences in Turkey and Austria and implications for their origin
19:30-19:45	<u>Kansun G.</u> , Yalcin M.G., Copuroglu I.	Bolkardaği bauxite deposits at Ayranci, Karaman, Central Turkey. Part 2. Mineralogical and petrographical studies
19:45-20:00	<u>Galant Y.</u> , Pikovskiy Y.	Depth zones of the Dead Sea rift as a possible source of Hydrocarbons
20:00-20:15	<u>Dimitrov P.</u> , Dimitrov D., Peychev V.	The Black Sea -an energy crossroads and/or an unconventional energy and resource center in Europe
20:15-20:30		<i>Discussion</i>

Friday, 24 September 2010, Room B

S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe I

Chairs: Koufos D. and Harzhauser M.

09:00-09:15	<u>Harzhauser M.</u> , Piller W.E., Grunert P.	Changing seasonality patterns from Miocene Climate Optimum to Miocene Climate Transition deduced from the <i>Crassostrea</i> isotope archive
09:15-09:30	<u>Popov S.V.</u> , Islamoglu Y.	Biogeographic connections between Thracean-Aegean region and Eastern Paratethys
09:30-09:45	<u>Kern A.</u> , Harzhauser M., Soliman A., Piller W., Gross M.	Late Miocene environmental changes in an embayment of Lake Pannon on a decadal-scale
09:45-10:00	Ivanov D.	Palaeoclimate reconstructions for the Late Miocene in the Southeast Bulgaria using pollen data from the Tundzha Basin
10:00-10:15	<u>Triantaphyllou M.V.</u> , Dimiza M.D., Papanikolaou M.D.	Early Pliocene deposits in Kephallonia (Ionian Islands): Biostratigraphy and palaeoenvironmental-paleoclimatic implications
10:15-10:30	<u>Wessels W.</u> , Marković Z., de Bruijn H.	The early Miocene rodents from Turija (Banovici), Bosnia and Herzegovina

10:30-11:00 BREAK

S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe II

S12. The Upper Miocene Paratethyan regime in the Aegean region: causes, timing and implications

Chairs: Triantaphyllou M.V. and Kostopoulos D.S.

11:00-11:15	Mayda S.	The Early Miocene Carnivores from Sabuncubeli, Turkey
11:15-11:30	Koufos G.D., <u>Konidaris G.E.</u>	Late Miocene carnivores from the Greco-Iranian Province: comparisons guild structure, paleoecology
11:30-11:45	<u>Kovacova M.</u> , Mazzini I., Hudackova N., Joniak P., Halasova E., Lucifora S., Esu D., Soulie-Marche I., Rojay B.	An Integrated study on the Late Miocene Tuglu formation; palaeoecological, palaeoclimatic and palaeogeographical interpretation (Cankiri Basin, Central Anatolia, Turkey)
11:45-12:00	<u>Muftah A.M.</u> , Triantaphyllou M.V., El-Mehaghag A.A., Pavlakis P., Boaz N.T.	Late Miocene formations from As Sahabi area, Sirt Basin, Libya in correlation to isochronous SE Europe deposits: a paleoclimatic approach
12:00-12:15	Koufos G.	Palaeoenvironment of the Eastern Mediterranean Miocene hominoids
12:15-12:30		<i>Combined S13/S12 discussion</i>

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Economou-Eliopoulos M.: Exploration for Platinum-group elements (PGE) in the Carpathian-Balkan systems (Room A)

S11. Olistostromes and their role in tectonostratigraphic reconstructions of the Carpathian-Balkan region

Chairs: Cieszkowski M. and Wendorff M.

15:00-15:15	<u>Pini G.A.</u> , Camerlenghi A., Ogata K., Festa A., Cowan D.S., Urgeles R.	Olistostromes and olistoliths: a historical review and modern perspectives
15:15-15:30	Wendorff M.	Syn-rift and synorogenic olistostromes and their role in interpretation of tectonic evolution of the Neoproterozoic Lufilian orogen as background for comparative studies
15:30-15:45	Plašienka D.	Tracing the ancient tectonic processes by coarse-grained, mass-flow deposits: the Western Carpathian Mesozoic Palaeogene case history
15:45-16:00	<u>Golonka J.</u> , Cieszkowski M, Waškowska A., Krobicki M., Ślącza A.	Olistostromes of the Pieniny Klippen Belt, Northern Carpathians
16:00-16:15	<u>Cieszkowski M.</u> , Golonka J., Ślącza A., Waskowska Oliwa A.	Role of the Olistostromes and olistoliths in tectonostratigraphic evolution of the Outer West Carpathians
16:15-16:30	Cieszkowski M. , Golonka J., Nigro F., Renda P., <u>Ślącza A.</u>	Sedimentary basins evolution and olistoliths formation: the cases of Carpathian and Sicilian regions

Friday, 24 September 2010, Room B

16:30-17:00 BREAK

G02. Stratigraphy and Palaeontology I

Chairs: Theodorou G. and Popov S.V.

17:00-17:15	<u>Lefebvre B.</u> , Hosgör I., Nardin E., Fatka O., Göncüoğlu C.	First report of <i>Stromatocystites</i> (Echinodermata) from the Middle Cambrian of Turkey: palaeobiogeographic implications
17:15-17:30	<u>Dobre L.</u> , Panaiotu C., Gradinaru E.	Middle Triassic mud-mound limestones from Mahmudia, Tulcea Unit ; North Dobrogean Orogen, Romania
17:30-17:45	<u>Gavtadze T.</u> , Mikadze Kh., Chkhaidze Z.	Biostratigraphy and Palaeoenvironment of the Upper Cretaceous Flysch Sediments of the Mestia-Tianeti Zone of the Greater Caucasus Fold System
17:45-18:00	Mikadze Kh.	Biofacies Analysis and Paleocological Data on Upper Cretaceous Sediments of the Gagra-Java Zone by Foraminifers
18:00-18:15	<u>Krstić N.</u> , Soulie-Marsche I., Žic J., Đorđević-Milutinović D., Savić Lj.	Miocene Charophyta of Maoče, Pljevlja (northern Montenegro)
18:15-18:30	<u>Shopov Y.</u> , Yalamov T., Dimitrov P., Dimitrov D., Shkodrov B.	Migrations caused by catastrophic flooding of the Black Sea during the Holocene

18:30-19:00 BREAK

G02. Stratigraphy and Palaeontology II

Chairs: Karakitsios V. and Popescu L.G.

19:00-19:15	<u>Codrea V.</u> , Jipa-Murzea C., Csiki Z., Barbu O.	Maastrichtian dinosaurs in SW Transylvania (Romania)
19:15-19:30	<u>Bogičević K.</u> , Marković Z., Nenadić D., Milivojević J., Lazarević Z.	Middle Pleistocene rodents (Rodentia, Mammalia) from the fissure filling Kamenjak on Venčac near Arandjelovac (central Serbia)
19:30-19:45	<u>Theodorou G.E.</u> , Roussiakis S.J., Athanassiou A., Filippidi A.	Mammalian remains from a new site near the classical locality of Pikermi (Attica, Greece)
19:45-20:00	<u>Iliopoulos G.</u> , Roussiakis S., Fassoulas C.	Large mammal footprints from the late Miocene of Western Crete
20:00-20:15	<u>Athanassiou A.</u> , Kostopoulos D. S.	On Pliocene mammal remains in the area of Epanomi (Macedonia, Greece)
20:15-20:30	<u>Maniakas I.</u> , Iliopoulos G., Lyras G.	Biometrical study of post-cranial deer material from the Late Pleistocene of Crete and Karpathos.

Friday, 24 September 2010, Room C

S07. Danube valley geological structure, neotectonic activity and evolution during the Pliocene - Pleistocene time

Chairs: Enciu P. and Shanov S.

09:00-09:15	Enciu P.	The Lower Danube valley. Geological structure and evolution during the Pliocene-Quaternary
09:15-09:30	<u>Novothny A.</u> , Horvath E., Frechen M., Koniger P., Thiel C., Wachta L., Rolf C., Krolopp E., Barta G., Bajnoczi B.	Detailed chronological and high resolution grain size, geochemical and palaeomagnetic study of the Sutto loess-palaeosol sequence, Hungary
09:30-09:45	<u>Yaneva M.</u> , Ognjanova-Rumenova N.	Lom coal Basin (NW Bulgaria) ; preliminary data on palaeoecology and sedimentology
09:45-10:00	<u>Ruszkiczay-Rudiger Zs.</u> , Braucher R., Csillag G., Fodor L.	Cosmogenic ¹⁰ Be dating of Danube terraces in Hungary
10:00-10:15	<u>Shanov S.</u> , Radulov A.	Seismotectonic model on geological data for 1892 Duvlovo Earthquake, Lower Danube Valley
10:15-10:30		<i>Discussion</i>

10:30-11:00 BREAK

S19. Triassic rifting magmatism and associated deep-water sedimentation: their significance in the early evolution of the western part of Neotethys

Chairs: Palinkaš L., Kovács S. and Migiros G.

11:00-11:15	<u>Hoeck V.</u> , Ionescu C, Balintoni I.	Triassic "ophiolites" and related rocks in Eastern Carpathians (Romania)
11:15-11:30	<u>Aljinović D.</u> , Kolar-Jurkovšek T., Jurkovšek B., Hrvatović H.	Petrographic characteristics of some Middle Triassic volcanic and volcanoclastic rocks in the External Dinarides (Croatia and Bosnia and Herzegovina)
11:30-11:45	<u>Kiss G.</u> , Molnár F., Palinkaš L.A., Kovács S.	Correlation of Neotethyan rifting related peperitic basaltic occurrences in the Dinarides, displaced fragments of the Dinarides and in the Hellenides
11:45-12:00	<u>Palinkaš L.</u> , Kovács S., Molnár F., Haas J., Józsa S., Dosztály L., Gulácsi Z, Kiss G., Kövér S., Ozsvárt P., Mikes T., Halamić J., Hrvatović H., Sudar M., Jovanović D., Djerić N., Migiros G., Papanikolaou D., Tselepidis V.	Triassic rift-type basalts and related deep-water sediments in the western ophiolite belt of the Hellenides-Dinarides (from Othrys Mts., Greece to Darnó Hill, NE Hungary)
12:00-12:15	<u>Kolar-Jurkovšek T.</u> , Jurkovšek B.	Carnian pluvial event in the Mežica area, Karavanke Mts, Slovenia
12:15-12:30		<i>Discussion</i>

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Economou-Eliopoulos M.: Exploration for Platinum-group elements (PGE) in the Carpathian-Balkan systems (Room A)

Friday, 24 September 2010, Room C

S21. Metallogeny along the Carpathian-Balkan region I

Chairs: Moritz R. and Voudouris P.

15:00-15:15	<u>Arvanitidis N.D.</u> , Michael C., Papavasileiou K., Perantonis G.	Gold-polymetallic deposits in Greece: Genetic types and economic perspectives
15:15-15:30	<u>Voudouris P.</u> , Melfos V., Moritz R., Spry P.G., Ortelli M., Kartal T.	Molybdenite occurrences in Greece: Mineralogy, Chemistry and depositional environment
15:30-15:45	<u>Alderton D.H.M.</u> , Pécskay Z., Snee L.	The timing of volcanism and associated precious metal mineralization in the Apuseni Mountains, Romania
15:45-16:00	<u>Szakács A.</u> , Lexa J., Molnár F., Seghedi I., Kovacs M., Pécskay Z., Márton I.	The role of the time factor in the hydrothermal metallogenesis related to the Neogene volcanism in the Carpathian-Pannonian Region
16:00-16:15	<u>Moritz R.</u> , Márton I., Ortelli M., Marchev P., Voudouris P., Bonev N., Spinkings R., Cosca M.	A review of age constraints of epithermal precious and base metal deposits of the Tertiary Eastern Rhodopes: coincidence with Late Eocene-Early Oligocene tectonic plate reorganization along the Tethys
16:15-16:30	<u>Strmić Palinkaš S.</u> , Palinkaš L.A., Kolar-Jurkovšek T., Hrvatović H.	Thermal processes in Triassic SEDEX ore deposit Vareš; and adjacent pile of pillow lavas, Central Bosnia and Herzegovina

16:30-17:00 BREAK

S21. Metallogeny along the Carpathian-Balkan region II

Chairs: Moritz R. and Melfos V.

17:00-17:15	<u>Yalcin M.G.</u> , Kansun G., Copuroglu I., Temur S.	Bolkardağı bauxite deposits at Ayrancı, Karaman, Central Turkey. Part I. Geological setting
17:15-17:30	<u>Demirela G.</u> , Akiska S., Sayili I.S., Kuscu I.	Silicate and Sulfide Mineral Chemistry of Some Carbonate Related Pb-Zn-Cu Mineralizations and their effects on ore genesis in NW Anatolia, Turkey
17:30-17:45	Akiska S., Demirela G., <u>Sayili I.S.</u> , Kuscu I.	Fluid Inclusion and S Isotope Systematics of Some Carbonate Related Pb-Zn-Cu Mineralizations in NW Anatolia, Turkey
17:45-18:00	Çina A.	Pentlandite of mineralization related to Albanian ophiolitic complex
18:00-18:15	<u>Volkov A.V.</u> , Serafimovski T., Alekseev V. Yu., Tasev G.	The structural-metallogenic maps of ore districts of F.Y.R.. Macedonia
18:15-18:30	Eleftheroglou Th. and Falalakis G.	<i>SPONSOR TALK</i>

18:30-19:00 BREAK

G07. Earth sciences and Society (teaching and education, health, sustainable development, etc.)

S27. Palaeoenvironmental research in Balkan mountain areas

Chairs: Grunewald K. and Koutavas A.

19:00-19:15	<u>Bavec M.</u> , Asch K., Sinigoj J, and Jackson I.	OneGeology-Europe ; a general overview, data specification and an example of a contribution from Slovenia
19:15-19:30	Shtiza A.	Is it possible to use natural resources in a sustainable manner after intensive exploitation?
19:30-19:45	<u>Šolar S.V.</u> , Shields D.J.	Sustainable Aggregates Resource Management: approach within South East Europe
19:45-20:00	Grunewald K.	Climate change in mountains of Southwest Bulgaria during modern times
20:00-20:15	Koutavas A.	Role of climate and carbon dioxide in tree-ring growth of greek firs from Ainos Mountain, Western Greece: 1820-2007 AD
20:15-20:30	<u>Panajiotidis S.</u> , Bozilova E., Gerasimidis A., Tonkov S.	Late Holocene vegetation history and human impact in Beles (Belasitza) mountain

Friday, 24 September 2010, Poster Sessions (20:30-21:30)

Board	Authors	Poster title
G04. Mineral sciences, Petrology, Geochemistry, Isotope geology and Volcanology		
1.	<u>Asan K.</u> , Kurt, H.	Mineral chemistry and geothermobarometry of the Kulu-Karacadağ volcanic rocks, Central Anatolia-Türkiye: evidence for magma mixing
2.	<u>Batki A.</u> , Pál-Molnár E.	Camptonites from the Ditrău Alkaline Massif, Romania: geochemistry and petrogenesis
3.	Bindea C.	Aspects and Significations of the Plagioclase Disequilibria in the Rocks of the Ditrău Alkaline Intrusive Complex (Romania)
4.	<u>Romanidis G.</u> , Christofides G., Koroneos A., Soldatos T., Pécskay Z.	K-Ar mineral dating and thermochronometry of the south Sithonia Plutonic Complex (Chalkidiki, Greece).
5.	<u>D' Alessandro W.</u> , Brusca L., Kyriakopoulos K., Martelli M., Michas G., Papadakis G., Salerno F.	Hydrothermal methane fluxes from the soil at Sousaki (Greece)
6.	<u>Dušanić S.</u> , Tančić P., Popović D.	First occurrence of rodingite in Central Serbia
7.	Dziubińska B.	Micas and clay minerals of muddy to clayey sediments from the Paleogene variegated shales, Polish Carpathians
8.	<u>Georgiadis I.</u> , Tzamos E., Kipouros N.	Contribution to the mineralogy of wollastonite from the contact aureole near Xanthi and Kimmeria (N. Greece)
9.	<u>Iordanidis A.</u> , Garcia-Guinea J., <u>Goundas I.</u>	Microchemical and microstructural characteristics of cystine (a renal stone)
10.	<u>Iordanidis A.</u> , van Lagen B., Kalaitzidis S.	FTIR study of archaeological organic residues from ancient Upper Macedonia, northern Greece
11.	Kipouros N.	Mineralogical evolution of contaminated granitic pegmatites hosted in marbles. The role of CO ₂ -rich fluids on phase relationships of crystallizing granitic melts. An example from the intermediate unit
12.	<u>Kozłowska A.</u> , Kuberska M.	Diagenesis of the Lower Jurassic sandstones in Central Poland
13.	<u>Maanijou M.</u> , Aliani F., Miri M.M.	Geology and Alterations of Tekyeh Bala Iron Deposit, Kurdistan, West Iran
14.	Magaldi D.	The uranium capturing by Fe/Mn glaeboles of some Quaternary paleosols of Italy
15.	<u>Kati M.</u> , Magganas A., Melfos V., Voudouris P.	Polygenetic history of the Chasanbali ophicalcite breccias in Thessaly, Greece
16.	<u>Marynowski L.</u> , Zatoń M., Karwowski Ł.	Organic matter composition and maturity of the Callovian (Middle Jurassic) sediments from Lithuania
17.	<u>Milovanov P.</u> , Petrov I., Marinova A., Ilieva E., Peytcheva I., von Quadt A., Pristanova S.	New geological and geochronological data from granitoid and metamorphic rocks from SW Bulgaria, according to Bulgarian Geological Map in 1:50 000, sheet Berovo (K-34-82-G) and Kresna (K-34-83-W)
18.	<u>Mokrousova O.</u> , Moraru V.	The effect of montmorillonite modification by Cr(III)-compounds on its microcrystalline structure and electro-surface properties
19.	<u>Mposkos E.</u> , Baziotis I., Krohe, A.	Record of two Alpine high-P metamorphic events in the Titaros Ophiolite Complex of the Pelagonian Zone (Greece)
20.	<u>Papp D.C.</u> , Cociuba I., Cuna S.	Preliminary carbon and oxygen isotope data on carbonatic sequences from the Padurea Craiului Mountains, Romania. Paleoenvironmental significance
21.	Photiades A.	Fe-Mn nodular concretions associated with Middle Jurassic oceanic melange (Argolis, Greece)
22.	<u>Pipera K.</u> , Koroneos A., Soldatos T., Pécskay Z., Christofides G.	K/Ar mineral geochronology of the northern part of the Sithonia Plutonic Complex (Chalkidiki, Greece) and implications for its thermal history
23.	<u>Šarić K.</u> , Cvetković V., Romer R.L., Christofides G., Koroneos A.	Jurassic calc-alkaline granitoids associated with the East Vardar ophiolites
24.	Christofides G., <u>Papadopoulou L.</u> , Soldatos T., Koroneos A.	Crystallization conditions of the Xanthi Plutonic Complex (Rhodope Massif, N. Greece): Geothermo- and geobarometry.
25.	<u>Tarassov M.</u> , Tarassova E., Piroeva I., Titorenkova R.	EPMA and TEM study of monazite hydrothermal alteration in Igralishte granite pluton, Southwestern Bulgaria
26.	<u>Vassileva R.D.</u> , Atanassova R., Bonev I.K.	Morphogenetic types of ore bodies, ore textures and crystallization mechanisms in the hydrothermal Madan deposits, Central Rhodopes
27.	Kosakowski P., <u>Wójcik-Tabol P.</u>	Geochemical evaluation of the Verovice Shales in the western part of the Carpathians
G07. Earth sciences and Society (teaching and education, health, sustainable development, etc.)		
28.	<u>Bezák V.</u> , Hrasko L.	Top of geological maps creation in the last forty years in the Slovak Republic: a new general geological map 1: 200 000

Board	Authors	Poster title
29.	<u>Papadopoulos A.</u> , Christofides G., Koroneos A.	The granite market in Greece
30.	<u>Mrozek T.</u> , Zabuski L.	Numerical analysis of shallow landsliding - an option to substantiate mass movement hazard assessment (case study in Beskid Niski, Polish flysch Carpathians)
S11. Olistostromes and their role in tectonostratigraphic reconstructions of the Carpathian-Balkan region		
31.	Pescatore T., Senatore M.R., <u>Cieszkowski M.</u> , Ślęczka A., Potfaj M.	On a comparison of olistostromes and olistoliths from the Cilento Flysch in the Southern Apennines (Italy) and the Northern Carpathians (Poland, Slovakia)
32.	<u>Olszewska B.</u> , Paul Z., Rytko W., Garecka M.	New data on the position of so called "klippes" in succession of the marginal units of the Outer Carpathians
33.	<u>Rucinski P.</u> , Firlinska M., Chodyn R., Cieszkowski M., Swiader A.	Application of geological mapping and teledetection techniques for identification of olistostromes and olistoliths in the Outer Carpathians
S19. Triassic rifting magmatism and associated deep-water sedimentation: their significance in the early evolution of the western part of Neotethys		
34.	<u>Asvesta A.</u> , Dimitriadis S.	The Nea Santa submarine rhyolite dome of the Triassic Silicic Volcano-Sedimentary succession, Circum-Rhodope Belt, northern Greece
35.	Gale L.	Upper Triassic (Norian) sedimentary evolution of the Slovenian Basin (eastern Southern Alps, W Slovenia)
36.	<u>Palinkaš L.</u> , Strmić Palinkaš S., Kolar-Jurkovič T., Jovanović D., Popović D., Mi-lovanović D.	Triassic pillow lavas on the head of the obduction front of the Zlatibor Mt. ophiolite, SW Serbia
S21. Metallogeny along the Carpathian-Balkan region		
37.	<u>Eliopoulos D.G.</u> , Economou-Eliopoulos M.	Arsenic distribution in laterite deposits of the Balkan Peninsula
38.	<u>Gál Á.</u> , Molnár F., Szakács A., Kristály F., Weiszbürg T.G., Pécskay Z.	The Certej hydrothermal ore deposit (Apuseni Mts., Romania): fluid inclusions, types and age of the related hydrothermal alteration
39.	<u>Grieco G.</u> , Pedrotti M., Kastrati S., Moroni M.	Preliminary data on an anomalous chrome-spinel assemblage from Amanos Mountains serpentinites (Turkey)
40.	<u>Gugushvili V.</u> , Popkhadze N., Beridze T., Khutsishvili S.	Sources of base, precious and rare metals during the Tethyan Phanerozoic evolution of the Caucasus and Pontides
41.	<u>Melfos V.</u> , Chatzikirkou A., Michailidis K., Voudouris P.	Fluids related to remobilization of Mesozoic sulfide mineralization in the Eptadendro-Rachi region in eastern Rhodope, Thrace, Greece
42.	Grieco G., <u>Merlini A.</u>	Chromites from Vourinos complex mines and their alteration
43.	Millu V.	Metallogeny of the Făgăraș Mountains (South Carpathians, Romania): an overview with focus on the gold-bearing rocks
44.	Panaite M., <u>Panaite I.</u>	The genesis of the base-metal mineralization from Scind "Rachitele" Poiana Horea, Vlădeasa Mountains, Romania
45.	<u>Popescu C.Gh.</u> , Cioacă M., Neacsu A., Filipescu D., Orlandea E.	New data regarding the resources of tellurium and its distribution in the waste dumps and tailing dam from the Certej-Sacaramb ore deposit, Metaliferi Mts., Romania
46.	<u>Udubasa S.S.</u> , Udubasa G.	The main types of gold deposits in Romania
S27. Palaeoenvironmental research in Balkan mountain areas		
47.	<u>Panagiotopoulos K.</u> , Aufgebauer A., Schabitz F., Wagner B.	Climatic and environmental history of southwestern Balkans during the last glacial cycle; first results of Lake Prespa sediment core
48.	<u>Pawlak J.</u> , Hercman H.	Genetic algorithm as a tool for palaeoclimate records correlation.
49.	<u>Tonkov S.</u> , Bozilova E., Possnert G.	Lateglacial vegetation and palaeoenvironment in the northwestern Rila Mountains, Bulgaria: the pollen record of Lake Ribno
S31. Earthquake archaeology and geoarchaeology around Eastern Mediterranean and Black Sea (special IGCP 567 session)		
50.	<u>Chatzipetros A.A.</u> , Pavlides S., Caputo R., Ganas A.	Historical faulting in Aghios Konstantinos (central Greece) area, based on archaeological indications
51.	<u>Reicherter K.</u> , Papanikolaou I.D., Roger J., Grützner C., Stamatis G., Mathes-Schmidt M., Papanikolaou D.	Holocene tsunamis in coastal areas of northern Greece: sedimentological and geoarchaeological evidences
52.	<u>Stiros S.C.</u> , de Jevenois Acillona P.	New evidence for impacts of the AD365 tsunami along the North African Coast

Saturday, 25 September 2010, Room A

S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions I

Chairs: Danelian T. and Goričan Š.

09:00-09:05	Danelian T., Goričan Š.	Introduction
09:05-09:45	Baumgartner P.O., Goričan Š., Chiari M.	KEYNOTE: Ophiolites in the Dinarides and Hellenides: the contribution of radiolarian biochronology to the understanding of their formation
09:45-10:00	Ozsvart P.	Radiolarian biostratigraphic dating on Middle Triassic basalts in western part of Neotethyan oceanic basins
10:00-10:15	Djerić N., Schmid M.S., Vishnevskaya S.V., Gerzina N.	Mesozoic radiolarians from the Dinarides (Serbia and Bosnia)
10:15-10:30	Goričan Š., O' Dogherty L., Carter E.S., Guex J.	The unitary association method: introduction and applications to radiolarian biochronology

10:30-11:00 BREAK

S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions II

Chairs: Goričan Š. and Danelian T.

11:00-11:15	Tekin U. K., Göncüoğlu M.C., Uzunçimen S.	An olistolith with continuous latest Bajocian to late Cenomanian pelagic deposition within the Bornova Flysch Zone in western Turkey: Radiolarian Assemblages
11:15-11:30	Bragina L.G., Bragin N.Yu.	Radiolarian biostratigraphy of supraophiolitic Cretaceous metalliferous sediments of Cyprus (Perapedhi Formation)
11:30-11:45	Kukoc D., Goričan Š. and Kosir A.	Radiolarian dating of Lower Cretaceous carbonate gravity-flow deposits from Bohinj area (NW Slovenia): significance for reconstruction of a lost carbonate platform in the Internal Dinarides
11:45-12:00	Asatryan G., Danelian T., Sahakyan L., Person A., Avagyan A., Sosson M.	Radiolarian dating of the sedimentary cover of the Sevan ophiolite (Armenia)
12:00-12:15	Danelian T., Asatryan G., Sosson M., Galoyan G., Sahakyan L., Avagyan A.	Deciphering the geohistory of Armenian ophiolites based on Radiolarian biochronology
12:15-12:30	Bragin N.Yu., Bragina L.G.	Middle and Late Triassic Radiolaria from Kotel'nyi Island (New Siberian islands, Russia, Arctic) and their paleobiogeographical significance

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Seghedi I.: Miocene – recent magmatism and geodynamic process in Carpathian Pannonian region – relations with Balkan and Aegean areas (Room A)

G11. Environmental geosciences I

Chairs: Weingartner H. and Szakacs A.

15:00-15:15	Blumenstein O., Weingartner H., Vavelidis M.	Qanats between Menikion and Pangeon Mountains. A forgotten and endangered resource for local water supply
15:15-15:30	Migiros G., Papanikolaou I., Stamatidis G.	Tectonic deformation and hydrogeological pattern in fissured rocks and karstic systems. Examples from the Pelion Mt and Mani peninsula, Greece
15:30-15:45	Yilmaz S.	A landslide research at northeastern Turkey using 2D electrical resistivity method
15:45-16:00	Özdemir Z., Zorlu S., Akyildiz M.	An Investigation of biogeochemical anomalies for Li and Sr in the Kirka (Eskişehir - Turkey) borate mining area
16:00-16:15	Beqiraj A.	Groundwater vulnerability assessment to contamination (Erzeni Basin, Albania)
16:15-16:30	Szabó Gy., Bessenyei É. and Szabó A.	Groundwater quality examination in a settlement of Eastern Hungary

16:30-17:00 BREAK

Saturday, 25 September 2010, Room A

G11. Environmental geosciences II

Chairs: Serafimovski T. and Mladenova V.

17:00-17:15	<u>Casapu I.</u> , Dordea D., Sprinceana V., Dobrescu A.	Geochemical survey - an optimal solution in environmental assessment on local and regional scale
17:15-17:30	<u>Greco F.</u> , Gherghina A., Ghita C., Comanescu L.	Environmental Synergy in the Romanian Plain (to the East of Olt River)
17:30-17:45	<u>Szabó Sz.</u> , Gosztonyi Gy., Prokisch J.	Measure of heavy metal load in the floodplain of the River Tisza
17:45-18:00	<u>Papastergios G.</u> , Filippidis A., Fernandez-Turiel J.-L., Gimeno D.	Environmental assessment of Potentially Toxic Trace Elements in sediments of Filippos B port, northern Aegean Sea ; A comparison with other national and international coastal regions
18:00-18:15	<u>Mladenova V.</u> , Kotsev T., Cholakova Z., Schmitt R.-T., Ivanova I., Dimitrova D.	Pollution with arsenic and heavy metals of soils and some components of the food chain in the environment of Goliam Bukovets mine tailings impoundment, Chiprovtsi mining area, NW Bulgaria
18:15-18:30	<u>Giouri A.</u> , Christophoridis C., Melfos V., Vavelidis M.	Assessment of heavy metals concentrations in sediments of Bogdanas River at the Assiros-Lagadas area, Northern Greece

18:30-19:00 BREAK

G11. Environmental geosciences III

Chairs: Filippidis A. and Greco F.

19:00-19:15	<u>Kotsev T.</u> , Cholakova Z., Mladenova V., Dimitrova D.	Efficiency of the Chiprovtsi mining site remediation with regard to heavy metal and arsenic environmental pollution
19:15-19:30	Filippidis A.	Purification of municipal wastewaters and production of odorless and cohesive zeo-sewage sludge, using Hellenic Natural Zeolite
19:30-19:45	Kokinou E.	Magnetic properties of soils around local pollution sources (Crete, Greece)
19:45-20:00	<u>Bourliva A.</u> , Papadopoulos A., Giouri A., Papadopoulou L., Kantiranis N.	On the mineralogy, physical characteristics and the main elemental content of urban road dust particles from the historic centre of the city of Thessaloniki, Northern Greece
20:00-20:15	<u>Nemeth Z.</u> , Tucek L.	Interconnection of the regional-tectonic geological research and the applied technological research: The case study from the Gemeric zone, the Inner Western Carpathians
20:15-20:30		<i>Discussion</i>

Saturday, 25 September 2010, Room B

S09. Geology of the Pieniny Klippen Belt and the role of zones with extensive shortening in the structure of orogenic belts

Chairs: Plašienka D. and Oszczypko N.

09:00-09:15	<u>Oszczypko N.</u> , Jurewicz E., Plašienka D.	Tectonics of the Klippen Belt and Magura Nappe in the eastern part of the Pieniny Mts. (Western Carpathians, Poland and Slovakia) ; new approaches and results
09:15-09:30	Oszczypko-Clowes M.	Calcareous nannoplankton biostratigraphy of the terminal Magura Basin; a case study of the Polish sector (Outer Western Carpathians)
09:30-09:45	<u>Krobicki M.</u> , Golonka J., Słomka T.	Latest Jurassic - Earliest Cretaceous mass movements in the Polish part of the Pieniny Klippen Belt and Silesian Unit (Outer Flysch Carpathians)
09:45-10:00	<u>Malata E.</u> , Oszczypko N.	How many "black flysches" can be distinguished in the Grajcarek thrust-sheets of the Pieniny Klippen Belt in Poland
10:00-10:15	<u>Beidinger A.</u> , Decker K., Zamolyi A., Lee E.Y., Hoprich M., Strauss P.	Deformation history of the Outer West Carpathian Flysch Units and Pieniny Klippen Belt (NW Slovakia, SE Czech Republic).
10:15-10:30	<u>Bučová J.</u> , Mikuš V., Plašienka D.	Geology and Tectonics of the Vršatec Klippen Area (Pieniny Klippen Belt, Western Slovakia)

10:30-11:00 BREAK

S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region I

Chairs: Rassios A.E. and Hoeck V.

11:00-11:15	<u>Yavuz O.</u> , Yilmaz Y.	Geochemical characteristics of Upper Cretaceous volcanics in the north of Istanbul, Turkey: implication for the subduction zone magmatism
11:15-11:30	<u>Plissart G.</u> , Maruntiu M., Neubauer F., Monnier C., Demaiffe D., Diot H.	New insights on the occurrence of a Variscan suture in the Upper Danubian Nappe (Romania, Serbia, Bulgaria) evidenced by ⁴⁰ Ar ; ³⁹ Ar geochronology
11:30-11:45	<u>Mosonyi E.</u> , Forray F.L.	Remnant mineral assemblages in the garnet porphyroblasts from the Rebra Group micaschist used for establish metamorphic PT path (Rodna Mountains, East Carpathians)
11:45-12:00	<u>Matenco L.</u> , Toljic M., Ducea M., ter Borgh M.	On the link between the formation of the Pannonian basin and the extensional collapse of the Dinarides
12:00-12:15	<u>Kovács I.</u> , Falus Gy., Hidas K., Szabó Cs., Hegedűs E., Posgay K., Zilahi-Sebess L.	Seismic anisotropy and deformation patterns in upper mantle xenoliths from the central Carpathian-Pannonian region: indications for a collision driven asthenospheric flow?
12:15-12:30	<u>Saccani E.</u> , Photiades A.	Petrogenesis and tectono-magmatic significance of volcanic and mantle rocks from the Albanian-Greek ophiolites: Implications for the Triassic-Jurassic evolution of the Dinaride Tethyan branch

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Seghedi I.: Miocene – recent magmatism and geodynamic process in Carpathian Pannonian region – relations with Balkan and Aegean areas (Room A)

Saturday, 25 September 2010, Room B

S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region II

Chairs: Hoeck V. and Rassios A.E.

15:00-15:15	<u>Kondopoulou D.</u> , Aidona E., Rassios A., Edel J.B	Permo-Triassic and Jurassic palaeomagnetic components in the Greek Pelagonian and sub-Pelagonian zones: Implications for successive counterclockwise and clockwise rotations
15:15-15:30	<u>Rassios A.</u> , Kostopoulos D., Nance R., Batsi A., Ghikas C.	"Rootless" ophiolites above the Pelagonian core complex of north central Greece
15:30-15:45	<u>Meinhold G.</u> , Kostopoulos D., Frei D., Reischmann T., BouDagher-Fadel M.K.	Age and provenance of Palaeozoic and Mesozoic sediments from northern Greece: Constraints for palaeotectonic reconstructions
15:45-16:00	<u>Argyriadis I.</u>	Structure of Eastern Hellenides and emplacement of ophiolites. Field evidences
16:00-16:15	<u>Moulas E.</u> , Kostopoulos D., Burg J.-P., Connolly J.	High-precision P-T estimates for retrogressed kyanite eclogites from Thermes, central Rhodope (Greece)
16:15-16:30	<u>Bortolotti V.</u> , Chiari M., Marroni M., Pandolfi L., Principi G., Saccani E.	A Mesozoic to Tertiary geodynamic evolution of the southern Dinaric-Hellenic belt: the ophiolites as tools for its reconstruction

16:30-17:00 BREAK

S05. Advances in geology and geodynamic evolution of the Rhodope Massif I

Chairs: Bonev N. and Magganas A.

17:00-17:15	<u>Georgieva M.</u> , Cherneva Z., Gerdjikov I., Stancheva E.	Metabasic rocks from the Chepelare variegated complex, Central Rhodope massif, Bulgaria ; preliminary studies
17:15-17:30	<u>Gerdjikov I.</u> , Gautier P., Cherneva Z., Bosse V., Ruffet G.	Late Eocene synmetamorphic thrusting and syn-orogenic extension across the metamorphic pile of the Bulgarian Central Rhodope
17:30-17:45	<u>Jahn-Awe S.</u> , Froitzheim N., Nagel T.J., Frei D., Pleuger J., Georgiev N.	Structural and geochronological evidence for Palaeogene shearing in the Rhodope Mountains (SW Bulgaria)
17:45-18:00	<u>Mposkos E.</u> , Krohe A., Baziotis I.	Alpine polyphase metamorphism in metapelites from Sidironero Complex (Rhodope domain, NE Greece)
18:00-18:15	<u>Gautier P.</u> , Gerdjikov I., Ruffet G., Bosse V., Cherneva Z., Pitra P., Hallot E.	Persistent synmetamorphic thrusting in the Rhodope until 33 Ma: evidence from the Nestos Shear Zone and implications for Aegean geodynamics
18:15-18:30	<u>Nagel T.J.</u> , Schmidt S., Janák M., Froitzheim N., Jahn-Awe S., Georgiev N.	The exposed base of a collapsing wedge ; the Nestos Shear Zone (Rhodope Metamorphic Province, Greece)

18:30-19:00 BREAK

S05. Advances in geology and geodynamic evolution of the Rhodope Massif II

Chairs: Magganas A. and Bonev N.

19:00-19:15	<u>Krenn K.</u> , Bauer Ch., Proyer A., Hoinkes G.	Tectonometamorphic evolution of the Rhodope orogen: Constraints from macro- and microstructures, petrology and geochronology
19:15-19:30	<u>Bonev N.</u> , Magganas A., Klain L.	Regional geology and correlation of the eastern Circum-Rhodope Belt, Bulgaria-Greece
19:30-19:45	Kondopoulou D., <u>Zananiri I.</u> , Dimitriadis S.	Magnetic signature of plutons and implications for emplacement conditions: examples from Northern Greece.
19:45-20:00	Kozhoukharova Evg.	Metaophiolite Association in the Rhodope Massif as a stratigraphical and structural marker
20:00-20:30		<i>Discussion</i>

Saturday, 25 September 2010, Room C

S02. Tectonostratigraphic Terranes in the Balkan region

Chairs: Papanikolaou D. and Kovács S.

09:00-09:15	Papanikolaou D.	Tectonostratigraphic models of the Alpine tectonostratigraphic terranes of the Hellenides
09:15-09:30	Schmid S.M., Bernoulli D., Fügenschuh B., Matenco L., Oberhänsli R., Schefer S., Usta-szewski K.	Correlation of major tectonic units from the Alps to Western Turkey
09:30-09:45	Korn D., <u>Sudar M.</u> , Novak M., Jovanović D.	The palaeogeographic position of the Jadar Block (Vardar Zone, NW Serbia) in the Early Carboniferous
09:45-10:00	Migiros G.	Deformation phases and ophiolites emplacement in the Hellenides
10:00-10:15	Richard L., Gawlick H.-J., Missoni S., Suzuki H., Jovanovic D., Lein R., <u>Sudar M.</u>	Triassic and Jurassic radiolarians from the Dinaridic Ophiolite Belt (Zlatibor area, SW Serbia)
10:15-10:30	<u>Yilmaz Şahin S.</u> , Aysal N., Güngör Y.	Petrogenesis and SHRIMP Zircon U-Pb Dating of Some Granitoids Within The Western Pontides, Southeastern Balkans, NW Turkey

10:30-11:00 BREAK

S03. Circum Pannonian Terranes – Eastern Alps, Carpathians, Dinarides

Chairs: Vozár J., Ebner F. and Haas J.

11:00-11:15	<u>Kovács S.</u> , Vozár J., Karamata S., Ebner F., Haas J., Sudar M., Vozárová A., Gradinaru E., Mello J., Palinkaš L.	Tectonostratigraphic terranes in the Circum-Pannonian region (pre-Neogene basement of the Pannonian Basin and its Alpine-Carpathian-Dinaridic frame): a school example of exotic terranes
11:15-11:30	<u>Starijas B.</u> , Gerdes A., Balen D., Tiblias D., Mayer A., Finger F.	Geochronological, geochemical and metamorphic framework of the Moslavacka Gora Massif (Croatia)
11:30-11:45	<u>Haas J.</u> , Pelikán P., Görög Á., Ozsvárt P., Józsa S., Kövér Sz.	Subduction related Jurassic gravity deposits in Bükk - Darnó area, Northeast Hungary
11:45-12:00	<u>Aubrecht R.</u> , Gawlick H.-J. Missoni S., Suzuki H., Plašienka D., Kronome K., Kronome B.	Middle Jurassic matrix radiolarians from the Meliata ophiolite melange at the type Meliatic sites Meliata and Jaklovce (Western Carpathians): palaeogeographic evidence
12:00-12:30		<i>Discussion</i>

12:30-14:00 BREAK

14:00-15:00 INVITED TALK

Seghedi I.: Miocene – recent magmatism and geodynamic process in Carpathian Pannonian region – relations with Balkan and Aegean areas (Room A)

Saturday, 25 September 2010, Room C

S30. Underwater geoarchaeology: an interdisciplinary field bridging marine geosciences and underwater archaeology I

Chairs: Sakellariou D. and Lykousis V.

15:00-15:15	<u>Dellaporta K.P.</u> , Sakellariou D.	Archaeological methodology and deep water archaeological surveys: challenges and perspectives
15:15-15:30	<u>Pizarro O.</u> , Friedman A., Johnson-Roberson M., Williams S., Mahon I., Camilli R., Camilli L., Mallios, A.	High-resolution optical and acoustic 3D seafloor reconstructions from robot and diver-based surveys
15:30-15:45	Roman C., Inglis G., Coleman D., Ballard R., Buxton B., Turanli T., Croff Bell K.L.	Evaluation of high resolution mapping techniques for submerged archaeological sites
15:45-16:00	<u>Pakkanen J.</u> , Baika K., Geraga M., Evangelistis D., Fakiris E., Heath S., Christodoulou D., Iatrou M., Papatheodorou G.	Archaeological topographical survey and marine geophysical investigation at ancient and medieval harbour of Kyllini/Glarentza (NW Peloponnese, Greece)
16:00-16:15	<u>Dimitriu R.G.</u> , Micu C., Mocanu M.	An evaluation of the prospective archaeo-cultural heritage of the Northern Romanian littoral zone
16:15-16:30	<u>Caraiivan GL.</u> , Fulga C., Chera C.	Underwater geoarchaeological survey in front of the Danubian Island "Paciul lui Soare" (Romania) using remote sensing techniques ; Preliminary results

16:30-17:00 BREAK

S30. Underwater geoarchaeology: an interdisciplinary field bridging marine geosciences and underwater archaeology II

Chairs: Flemming N. and Sakellariou D.

17:00-17:15	Preshlenov H.	Coastal Instability and Urban Changes - the Case of the Nessebar Peninsula
17:15-17:30	<u>Harff J.</u> , Luth F.	Submerged Holocene Baltic landscapes (The SINCOS project)
17:30-17:45	<u>Žulkus V.</u>	Search for Mesolithic Landscapes in Lithuanian territorial waters
17:45-18:00	Tusa S.	An approach to Sicilian underwater prehistory
18:00-18:15	<u>Sakellariou D.</u> , Lykousis V., Rousakis G.	Reconstructing prehistoric landscapes in tectonically active regions: the Corinth and North Evia prehistoric lakes during LGM
18:15-18:30	<u>Masclé J.</u> , Sakellariou D.	Human records of geological/environmental effects

18:30-19:00 BREAK

SPECIAL I.G.M.E.* SESSION

Meeting our critical needs for European minerals competitive growth and sustainability

Chair: Arvanitidis N.

19:00-19:10	Papavasileiou K. (I.G.M.E. Director General)	Opening statement
19:10-19:30		Developing the implementation strategy of the Raw Materials Initiative
19:30-19:50	Solar S. (project coordinator)	Sustainable Aggregates Resource Management - SARMA
19:50-20:10	Gaal G. (project coordinator)	ProMine, Nano-particle products from new mineral resources in Europe
20:10-20:20	Solar S. (Eurogeosurveys Mineral Resources Expert Group)	European projects related to mineral resources – The way forward
20:20-20:30		<i>Discussion</i>

* Institute of Geology and Mineral Exploration (www.igme.gr).

Saturday, 25 September 2010, Poster Sessions (20:30-21:30)

Board	Authors	Poster title
G02. Stratigraphy and Palaeontology		
1.	<u>Agiadi K.</u> , Koskeridou E., Moissette P.	The Early Pleistocene fish fauna of Faliraki Bay section (Rhodes Island, Dodekanese)
2.	<u>Athanassiou A.</u> , Bouzas D.	New hippopotamid finds in Eurotas Valley (Laconia, Greece)
3.	Popescu A.	The stylopodium and zeugopodium of <i>Mammuthus meridionalis</i> (Nesti) discovered at Leu, Dolj County (Romania)
4.	Stanoiu I., <u>Popescu L.G.</u> , Popescu D.A., Boengiu S., Florea F.F.	The Quaternary lithostratigraphy aspects of the Wallachian depression (Romania)
5.	<u>Zidianakis G.</u> , Iliopoulos G., Fassoulas C.	The Late Miocene floras from Crete; vegetational and palaeoclimatic trends
6.	<u>Gedl P.</u> , Shevchenko T.	Palaeoenvironment of the Eocene-Oligocene of the northern Ukraine in the light of palynological analysis and comparison with coeval Carpathian strata
7.	<u>Kouli K.</u> , Kafousia N., Karakitsios V.	Preliminary results of the palynological investigation of the Toarcian deposits of Ionian Zone (Western Greece)
8.	<u>Lelek D.</u> , Oszczypko-Clowes M., Oszczypko N.	Some remarks on the biostratigraphy and paleoecology of the Middle Miocene Machów Formation (Carpathian Foredeep, Poland)
9.	<u>Săsăran L.</u> , Săsăran E. and Bucur I.I.	Paleoenvironmental setting of rudists in the Upper Cretaceous (Santonian-Campanian) deposits from Valea Neagră de Criș (Borod Basin)-Northern Apuseni Mts, Romania
10.	<u>Smreckova M.</u> , Sotak J.	Upper Cretaceous radiolaria from the Manin Unit: paleoecological and sea-level implications
11.	<u>Piros O.</u> , Budai T., Haas J.	Upper Triassic platform, slope and basin facies of the Pilis Mountains (Transdanubian range, Hungary)
12.	<u>Popescu D.A.</u> , Popescu L.G.	A biostratigraphic zonation based on foraminifera and algae in the Triassic deposits of the north sector of eastern Carpathians
13.	Andreeva P., Boncheva I., <u>Lakova I.</u> , Yanev S., Ivanova D.	Devonian stratigraphy and depositional environment of the Moesian Platform, NE Bulgaria
14.	<u>Gavtadze T.</u> , Zakaraia D.	New data on the stratigraphy of Cenozoic sediments located on the left flange of the Arkala River Gorge (Georgia)
15.	<u>Prykhodchenko O.</u> , Karpenko I.	Geological Timescale of Tectonostages for Continental Margins
G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology		
16.	<u>Pomoni-Papaioannou F.A.</u> , Kostopoulou V., Haas J.	Characteristics of cyclic Upper Triassic platform carbonates in the Transdanubian Range, Hungary and in the Pelagonian Zone, Greece - a comparison.
17.	Frunzescu D.	Types of lithological sequences and successions in the tuff and gypsum subformations of low Badenian from Piatra Verde (Slănic-Telenești)
18.	<u>Gasiorowski M.</u> , Hercman H., Gradzinski M., Smosna P., Czop M., Motyka J.	Geochemical and climatic parameters of environment versus isotopic composition of travertine in northern Slovakia
19.	<u>Jaoshvili G.</u> , Popkhadze L., Tvalchrelidze M.	The Pleistocene deposits in the Georgian sector of the Black Sea
20.	<u>Kovács J.</u> , Ujvari G., Varga J.	Late Neogene red clay in the Carpathian basin and its paleoclimatological implications
21.	<u>Csillag G.</u> , Ruzsiczay-Rüdiger Zs., Braucher R., Fodor L., Dunai T.J., Bada G., Bourlés D., Müller P.	Dating aeolian landforms using cosmogenic ¹⁰ Be in Hungary, Central Europe
22.	Milevski I.	Geomorphological characteristics of Kratovo-Zletovo Palaeovolcanic Area
23.	<u>Stamatopoulos L.</u> , Palmentola G.	Quaternary glacial features on the Tzumerka Massif (Pindos chain, Greece) Preliminary data
24.	Babák K.	The floods and regime of Hármas-Körös since river regulation in Hungary
G11. Environmental geosciences		
25.	<u>Abolmasov B.</u> , Mihalić S., Hadži-Niković G., Marjanović M., Krkač M.	Socioeconomic influence of Natural Disasters on the Western Balkan Countries
26.	<u>Kvinikadze M.</u> , Kuparadze D., Pataridze D., Khundadze N., Kirakosyan V.	Geocology of the Black Sea coast of Georgia
27.	<u>Bozsó G.</u> , Pál-Molnár E., Nyilas T., Hetényi M.	Accumulation and distribution of organic matter in sediments of salt-affected shallow lakes at Szeged, Hungary
28.	<u>Kantiranis N.</u> , Sikalidis C., Papastergios G., Squires C., Filippidis A.	Continuous extra-framework Na ⁺ release from Greek analcime-rich volcanoclastic rocks on exchange with NH ₄ ⁺

Board	Authors	Poster title
29.	<u>Bourliva A.</u> , Michailidis K., Sikalidis C., Filippidis A.	Kinetic and isothermal study of lead ion adsorption onto natural bentonites with different cation exchange capacity (CEC) from Milos island, Greece
30.	<u>Economou-Eliopoulos M.</u> , Sfendoni Th.	Environmental impact of Pt, Pd, Rh and Au from catalytic converters along road-sides: the case of Attica, Greece
31.	<u>Petrescu L.</u> , Bilal E., Iatan L.E.	The impact of a uranium mining site on the stream sediments (Crucea mine, Romania)
32.	Rajchel J., Rajchel L.	The exhalations of CO ₂ in the Poprad River valley (Polish Inner Carpathians)
33.	<u>Balinov V.</u> , Doncheva M., Zaneva-Dobranova E.	Natural reservoir systems in the Tertiary section of the East Rhodope Depression and perspectives for storage of natural gas and carbon dioxide
S01. Subduction and exhumation of continental margins and the role of oceanic convergence in the Carpathian-Balkan region		
34.	<u>Jakob J.</u> , Tougiannidis N., Reinsch T., Rassios A.E.	A petrologic examination and detailed mapping of the tectonic margin between the Jurassic Pindos-Vourinos ophiolite and metamorphic Triassic-Jurassic Pelagonian platform carbonates in West Macedonia, Greece
35.	<u>Schenker F.L.</u> , Gerya T., Kaus B., Burg J.-P.	P-T-time paths associated with extensional doming: constraints from thermomechanical numerical models
36.	<u>Srećković-Batočanin D.</u> , Matović V., Vasković N., Kadosa B.	Metamorphic sole in the northernmost part of the Vardar Zone Western Branch (Village Tejići, Mt. Povlen, Western Serbia)
37.	<u>Mitru D.</u> , Pene C.	Main structural features of the coal-bearing Ptolemaida basin (north-west of Greece)
S02. Tectonostratigraphic Terranes in the Balkan region		
38.	<u>Lazarova A.</u> , Gerdjikov I., Vangelov D., Georgiev N.	Variscan transpression and related voluminous magmatism in Central Strara Planina Mountain, Bulgaria
S03. Circum Pannonian Terranes – Eastern Alps, Carpathians, Dinarides		
39.	<u>Pál-Molnár E.</u> , András E., Buda G.	Preliminary geochemical data of Variscan granitoids from Somes pre-Alpine terrane from W Romania (Apuseni Mts.)
S05. Advances in geology and geodynamic evolution of the Rhodope Massif		
40.	Cherneva Z.	Paleocene-Eocene migmatites in the Bulgarian Rhodope revisited
41.	<u>Georgiev N.</u> , Pleuger J., Froitzheim N., Sarov S., Jahn-Awe S., Nagel T.J.	Separate Eocene-Early Oligocene and Miocene stages of extension and core complex formation in the Western Rhodopes (Bulgaria)
42.	<u>Machev Ph.</u> , Arkadaskiy S., Hecht L, Klain L.	Is the Lower tectonic unit (Lower terrain) in the Rhodope a monolithic tectonic unit
S09. Geology of the Pieniny Klippen Belt and the role of zones with extensive shortening in the structure of orogenic belts		
43.	<u>Nescieruk P.</u> , Oszczytko-Clowes M., Wojcik A., Oszczytko N.	On the relationship between the Paleogene Magura Basin and Pieniny Klippen Belt sedimentary area the Leluchow sections, a new approaches (Polish Outer Carpathians)
44.	<u>Salata D.</u> , Oszczytko N.	Preliminary results of provenance analyses of exotic crystalline pebbles from the Eocene flysch deposits of the Magura Nappe (Krynica facies zone, Polish Outer Carpathians)
45.	<u>Wojcik-Tabol P.</u> , Oszczytko N.	Relationship between the ?Cretaceous "black shales" and Cretaceous Oceanic Red Beds of the Grajcarek Succession-a geochemical approach (Pieniny Klippen Belt, West Carpathians, Poland)
46.	<u>Spisiak J.</u> , Plašienka D., Bučová J., Sykora M.	Cretaceous alkali basalts from Pieniny Klippen Belt
47.	<u>Sidorczuk M.</u> , Lewandowski M., Beška, Z., Nejbart K.	Isotopic and paleomagnetic studies of the Middle and Upper Jurassic carbonates in the Pieniny Klippen Belt: environmental and paleogeographic implications for the Northern Tethys
S13. Neogene palaeoenvironmental reconstructions and climatic records in South-Eastern Europe		
48.	<u>Antonarakou A.</u> , Drinia H., Kontakiotis G.	Plankton Biostratigraphy and paleoenvironmental implications of a middle Miocene transgressive sequence on the Ionian zone of Levkas Island, Ionian Sea, Greece
49.	<u>Radionova E.P.</u> , Golovina L.A.	Late Miocene Events of the Black Sea region: comparative study of diatoms and nannofossils from sites 380,381 DSDP Leg 42B and Zheleznyi Rog section, Taman Peninsula

Board	Authors	Poster title
50.	Drinia H.	Benthic environmental changes in SE Aegean Sea during the last 26 ky BP: preliminary results
51.	<u>Hristova V.</u> , Ivanov D.	The reconstruction of the Late Miocene flora and climate from the Sofia Basin (South-West Bulgaria) based on palynological data
52.	<u>Iamandei E.</u> , Iamandei S., Frunzescu D., Branoiu G.	Tertiary Lignoflora in Carpathian curvature
53.	<u>Stefanova M.</u> , Marinov S.P. Zdravkov A., Kortenski J.	Palaeoenvironmental reconstruction and climate changes in SE Europe (Neogene Karlovo lignites, central Bulgaria)
54.	<u>Iamandei S.</u> , Iamandei E., Velitzelos E.	The late Oligocene-early Miocene petrified forest in Evros and its paleoclimatic significance.
55.	<u>Joniak P.</u> , Mazzini I., Kovacova M., Lucifora S., Rojay B.	Preliminary results about a new locality with micromammals from the Early Miocene deposits of the Kazan Basin (Central Turkey)
56.	<u>Michailidis D.</u> , Roussiakis S., Theodorou G.	Palaeoavian remains from the Late Miocene localities of Pikerimi, Chomateri and Kerassia; palaeoecological implications
57.	Hercman H., <u>Sujka G.</u>	Uranium and Thorium content in bone phases studies - a step to U-series dating of fossil bones
S14. Radiolarian biochronology: key to tectonostratigraphic reconstructions		
58.	<u>Chiari M.</u> , Baumgartner P.O., Bernoulli D., Bortolotti V., Marcucci M., Photiades A., Principi G.	Late Triassic, Early and Middle Jurassic radiolaria from ferromanganese-chert nodules (Angelokastron, Argolis, Greece): Evidence for prolonged radiolarite sedimentation the Vardar-Meliata Ocean
59.	<u>Chiari M.</u> , Bortolotti M., Marcucci M., Photiades A., Principi G., Saccani E.	Radiolarian ages and geochemical data on the ophiolites from the Koziakas massif (Greece)
60.	<u>Gawlick H.-J.</u> , Gorican S., Lein R., Missoni S.	A latest Anisian radiolarite event in the High Karst Nappe in the Dinarides (Montenegro)

Sunday, 26 September 2010, Room A

S04. Correlating Mesozoic lithostratigraphic units within the Carpathian-Balkan region

Chairs: Császár G. and Wagreich M.

09:00-09:15	<u>Császár G.</u> , Wagreich M., Michalik J.	Introduction to the WG project on Correlation of Mesozoic lithostratigraphic units of the CBGA area
09:15-09:30	<u>Missoni S.</u> , Sudar M.N., Gawlick H.-J., Jovanovic D. & Lein R.	Age and evolution of the Wetterstein Carbonate Platform in SW Serbia (Zlatibor Mountain)
09:30-09:45	<u>Ivanova D.</u> , Koleva-Rekalova E., Lakova I., Stoykova K., Ivanov M., Metodiev L., Petrova S., Tchoumatchenco P., Rabrenovic D., Radulovic V., Malesevic N.	Upper Jurassic -Lower Cretaceous platform-to-basin integrated stratigraphy across the Bulgarian/Serbian border
09:45-10:00	<u>Bucur I.I.</u> , Cociuba I, Csaszar G., Koch R., Nowak M., Sasaran E.	Development of Lower Cretaceous deposits from Bihor-Padurea Craiului unit (Apuseni Mountains, Romania). Comparisons with Villany region in Hungary.
10:00-10:15	Wagreich M.	Cretaceous lithostratigraphy in the CBGA region and some remarks to the correlation of syntectonic sedimentary successions
10:15-10:30	<u>Roban R.D.</u> , Melinte-Dobrinescu M.C.	Genetic significance of the Cretaceous black and red shales from the Eastern Carpathians (Romania)

10:30-11:00 BREAK

S26. Measurements and modeling of biologically active UV solar radiation: towards balancing between risks and benefits

Chairs: Bais A. and Terenetskaya I.

11:00-11:15	<u>Chubarova N.</u> , Verichev K.S., Zhdanova E.Yu.	The assessments of favorable UV conditions for human health over northern Eurasia
11:15-11:30	<u>Gillotay D.</u> , Bolsée D., Depiesse C., Stevens F.	Overview of the UV activities in Belgium since the end of the eighties
11:30-11:45	<u>Saltamavros A.D.</u> , Tsekouras A., Mylonas P., Labropoulou E., Georgopoulos N.A., Kazantzidis A., Argiriou A., Markou K.B., Bais A.F.	The seasonal variations of ultraviolet radiation result in changes of human serum bone turnover markers
11:45-12:00	Terenetskaya I.	The vitamin D synthetic capacity of sunlight: in situ monitoring and model calculation
12:00-12:15	Potop V.	Evolution of drought severity for a 118-year period in the Republic of Moldova
12:15-12:30		<i>Discussion</i>

12:30-13:00 BREAK

Sunday, 26 September 2010, Room A

G06. Meteorology, Climatology and Atmospheric environment

S25. Weather modification

Chairs: Karacostas Th. and Ćurić M.

13:00-13:15	<u>Rousi E.</u> , Anagnostopoulou Ch., Tolika K., Kostopoulou E., Maheras P.	Future estimations of precipitation in the Balkan Peninsula with the use of a Regional Climate Model
13:15-13:30	<u>Philippopoulos K.</u> , Karvounis G., Deligiorgi D.	Climatological assessment of atmospheric instability indices for Southeastern Europe
13:30-13:45	Foris D.	Study of a mesoscale convective complex over western and southern Balkans
13:45-14:00	<u>Ćurić M.</u> , Janc D.	The Cloud Drop Size Distribution Effects on Accumulated Convective Precipitation from a Hailstorm due to the Seeding Performed
14:00-14:15	<u>Ćurić M.</u> , <u>Janc D.</u>	Ecological Aspects of the Operational Hail Suppression Project in Serbia
14:15-14:30	<u>Stolaki S.</u> , Pytharoulis I., Karoutsos G., Karacostas Th.	Sensitivity study of a local numerical fog prediction system

14:30-15:30 BREAK

G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.) I

Chairs: Christaras B. and Trajanova M.

15:30-15:45	<u>Tuček L.</u> , <u>Čechovská K.</u> , Derco J., <u>Németh Z.</u> , Radvanec M., Kucharič L., Antal B.	Synthesizing carbonates with added value for industrial use from the former industrial waste applying methodology of CO ₂ mineral sequestration
15:45-16:00	<u>Kociu A.</u> , Tilch N., Schwarz L.	Data Management System GEORIOS ; Documentation and evaluation of natural Hazards
16:00-16:15	<u>Klimes J.</u> , Stembekr J., Dufka D.	Decision support system for landslide hazard mitigation on rock slopes
16:15-16:30	<u>Hartvich E.</u> , Poul I., Kostak B.	Rockslide mechanics reconstruction using FEM and photoplastic modelling
16:30-16:45	<u>Trajanova M.</u> , Mladenovic A.	Constructional problems at interventions into slaty sedimentary rocks in Slovenia in terms of fabric and composition
16:45-17:00	<u>Chatziangelou M.</u> , Christaras B.	Protection measures against geological failures, during the construction of Thessaloniki - Kavala section of Egnatia Highway in N. Greece

17:00-17:30 BREAK

G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.) II

Chairs: Kiliass S. and Panayotova M.

17:30-17:45	<u>Knobloch A.</u> , Legler C., Barth A., Rexhaj A.	Geology and Minerals of Kosovo - Perspectives for National Development
17:45-18:00	<u>Hahn A.</u> , Rankin A., Treloar P., Naden J. Forward P., Kiliass S.	Hydrothermal Pb-Zn-Au-Ag and Cu-Au mineralisation in the Kassandra mine district, N Greece: a metallogenetic model with regional economic implications?
18:00-18:15	<u>Malureanu I.</u> , Mihai Batistatu V., Neagu D-D M.	The analyse of reservoir heterogeneity from well logs data
18:15-18:30	Hatipoglu-Bagci Z.	Hydrochemistry and isotope composition of spring waters in Aydincik, Mersin (Turkey)
18:30-18:45	<u>Panayotova M.</u> , Dimitrov I., Kashilska Z.	Shallow ground waters and the formation of carbonate soils in Southeast Bulgaria ; a study in progress
18:45-19:00	<u>Enciu P.</u> , Dumitrica C.	On groundwater resources available in Oltenia Plain, Romania
19:00-19:15	Sorbi M.R.	The impact of fault zone and fractures on the discharge rate of Sasan spring, Kazerun, southern Iran

* under UNSCR 1244.

Sunday, 26 September 2010, Room B

S20. Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea I

Chairs: Cronan D., Papavasileiou K. and Varnavas S.

09:00-09:15	<u>Lysenko V.I.</u> , Kitchka A.A., Yudin V.V.	Sarmatian heraclites, migration bitumens, fault tectonics, and hydrocarbon potential offshore Crimea
09:15-09:30	<u>Kekelia S.</u> , Sosson M., Kekelia M., Asatiani G., Kuloshvili S., Sadradze N., Gagnidze N., Razmadze A.	Geological Settings and Conditions of Genesis of Volcanogenic Deposits of Non-Ferrous Metals in Paleoisland Arc Environments
09:30-09:45	Papavasileiou K.T., Glasby G., Alfieris D., Voudouris P., Mitsis I.	A newly discovered fossil stratabound hydrothermal manganese deposit at Aspro Gialoudi, NW Milos, Greece
09:45-10:00	Ivarsson M., <u>Kilias S.P.</u> , Broman C., Naden J., Detsi K.	Fossilized microorganisms preserved as fluid inclusions in epithermal veins, Vani Mn-Ba deposit, Milos Island, Greece
10:00-10:15	Nikolakopoulos K.	Monitoring the thermal anomalies around Milos Island with satellite thermal data
10:15-10:30		<i>Discussion</i>

10:30-11:00 BREAK

S20. Marine mineralization associated with volcanic arc and other environments, with emphasis on the Aegean and Black Sea II

G10. Marine geology and Oceanography

Chairs: Papavasileiou K., Cronan D. and Varnavas S.

11:00-11:20	<u>Cronan D.S.</u> , Varnavas S.P.	KEYNOTE: Along arc geochemical variations in hydrothermal activity in the South Aegean Volcanic Arc : ancient and modern
11:20-11:45	Scott S.	KEYNOTE: Seafloor massive sulfides in arcs: implications for the Aegean
11:45-12:00	<u>Tsompanoglou K.</u> , Tsirambides A., Albanakis K., Krasakopoulou E., Papageorgiou, A.	Spatial and temporal variations in the geochemistry of suspended particulate matter in the shallow deltaic embayment of Northern Thermaikos Gulf, Greece
12:00-12:15	Gokceoglu C., <u>Tunusluoglu M.C.</u> , Gorum T., Gokasan E., Tur H., Tekkeli A.B., Batuk F., Alp H.	Rheological analysis of a sub-marine landslide in the Marmara Sea (Turkey)
12:15-12:30	<u>Cherif I.</u> , Alexandridis T.K., Bilas G., Karapetsas N., Silleos G.N.	A proposed methodology for coastal risk management

12:30-13:00 BREAK

Sunday, 26 September 2010, Room B

S32. The use and applications of GPS and InSAR to geohazards across South-Eastern Europe

G09. Remote sensing and information technologies in geosciences

Chairs: Astaras Th. and Ganas A.

13:00-13:15	<u>Elias P.</u> , Briole P., Ganas A., Sykioti O.	Synergy of ASAR and RADARSAT-2 ultra-fine acquisitions for ground deformation monitoring by means of DInSAR and PS. Case Study Gulf of Corinth - city of Patras , Greece
13:15-13:30	<u>Georgiev I.</u> , Dimitrov D., Ganas A.	Permanent GPS array in Bulgaria with impact on the geodynamics in East Mediterranean
13:30-13:45	<u>Dimitrov D.</u> , Botev E., Georgiev I.	The results from monitoring of the Krupnik seismogenic area in SW Bulgaria
13:45-14:00	Milevski I., <u>Markoski B.</u> , Jovanovski M., Gorin S.	Landslide risk mapping by remote sensing and GIS in Gevgelija-Valandovo basin
14:00-14:15	<u>Mouratidis A.</u> , Briole P., Astaras A., Pavlides S., Tsakiri M., Ilieva M., Rolandone F., Katsambalos K.	Contribution of InSAR and kinematic GPS data to subsidence and geohazard monitoring in central Macedonia (Greece)
14:15-14:30	<u>Dragut L.</u> , Eisank C.	Hierarchical mapping of landforms from Digital Elevation Models (DEMs)
14:30-14:45	<u>Ticleanu M.</u> , Nicolescu R., Gheuca I., Emil R., Ion A., Cociuba I.	The latest paleogeographical realities of the Pannonian Basin in the Late Quaternary: the Relict Pannonian Lake, its successor and the finalization of the Danube way in the Upper Holocene

14:45-15:30 BREAK

G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology I

Chairs: Bronguleev V. and Syrides G.

15:30-15:45	<u>Hradecky J.</u> , Panek T., Smolkova, V., Silhan K.	Holocene landslide activity in the Czech part of the Outer Western Carpathians
15:45-16:00	<u>Rozos D.</u> , Alexouli-Livaditi A., Vouvalidis K., Livaditis G.	The impact of landslides to the landscape evolution in the island of Andros
16:00-16:15	Syrides G.	Holocene raised shorelines along Athos peninsula, northern Aegean Sea, Greece: first data
16:15-16:30	<u>Psomiadis D.</u> , Albanakis K., Tsourlos P.	Evaluation of sea-level rise impact on cemented and uncemented coast. Case study from Thassos Island, Greece
16:30-16:45	<u>Kati M.</u> , Ratopoulou M., Carras N., Alexopoulos A.	Deep-marine carbonates of the northeastern flanks of the Parnassus Platform, central Greece
16:45-17:00	<u>Kilibarda Z.</u> , Ćadjenović D., Milutin J., Radulović N.	Turbidite Facies in Adriatic Flysch Formation (Middle Eocene-Middle Miocene), Southeastern Montenegro

17:00-17:30 BREAK

G08. Physical geography, Sedimentology, Quaternary geology, Karst and Speleology II

S33. Assessment of climate, natural hazard and anthropogenic influence in Carpathian-Balkan lake sediments

Chairs: Albanakis K. and Kovács J.

17:30-17:45	<u>Bronguleev V.</u> , Zhidkov M., Makarenko A.	Geomorphologic landscapes of the central part of northern Eurasia
17:45-18:00	<u>Marijanović P.</u> , Prskalo M., Ćolak A.	Application of regionalized variable theory in analysis of morphological phenomena of the Herzegovina karst
18:00-18:15	<u>Taborik P.</u> , Panek T., Hradecky J.	Fissure caves and other gravitationally-induced discontinuities detected by 2D electrical resistivity tomography - case studies from flysch Carpathians (CZ, PL, SK)
18:15-18:30	<u>Panek T.</u> , Taborik P., Komarkova, V., Klimes J., Hradecky J.	Deep-seated gravitational slope deformations in the highest parts of the Czech Flysch Carpathians: evolutionary model based on kinematic analysis, electrical imaging and trenching
18:30-18:45	<u>Gradinaru M.</u> , Panaiotu E.C., Lazar I.	Microfacies analyses of the Middle Jurassic hardgrounds from the Bucegi Mountains (SE Carpathians)
18:45-19:00	<u>Lindhorst K.</u> , Krastel S., Grün M., Schwenk T., Wagner B.	Investigation of mass movement deposits within Lake Ohrid (FYR Macedonia/Albania) using high resolution acoustic methods.

Sunday, 26 September 2010, Room C

S23. Gemology

Chairs: Karampelas S. and Ionescu C.

09:00-09:30	Fritsch E.	KEYNOTE: The origin of color in minerals and gems
09:30-09:45	Karampelas S., Hunger K., Worle M., Gubelin S.	Non-destructive study on objects from Benedictine Abbey of Einsiedeln
09:45-10:00	Strack E., Kostov R.I.	Gemmological examination of jewellery objects from Veliki Preslav in Bulgaria
10:00-10:15	Ionescu C., Simon V., Nagy S., Hoeck V., Nagy-Pora K., Rotea M., Filipescu S.	The V th century AD jewellery from Cluj-Napoca (Romania): a non-destructive investigation
10:15-10:30	Kostov R.I.	Gem minerals and materials from the Neolithic and Chalcolithic periods of Bulgaria and their impact on the history of gemmology

10:30-11:00 BREAK

S24. Natural stones, usage and testing I

Chairs: Torok Á., Theodoridou M. and Příklad R.

11:00-11:15	Viles H.A., Eklund J., Hamilton A.Hall C.	Observations and modeling of moisture and decay patterns in stone monoliths in Southern England
11:15-11:30	Schouenborg B., Johansson K.	Natural stone, an environmentally highly competitive building product
11:30-11:45	Badosa S., Beck K., Bruntaud X., Al-Mukhtar M.	Stones and quarries of Castle of Chambord, France
11:45-12:00	Triantafyllou G., Příklad R., Repouskou E., Markopoulos Th.	Mineralogical and microstructure characterization of a neogene natural building limestone from Western Crete, Greece
12:00-12:15	Theodoridou M., Torok A.	Characterization of natural dimension stones used in Hungarian historic constructions; a case study of the Ruin Garden in Székesfehérvár
12:15-12:30	Stefanidou M., Matziaris K.	Protection of marble surfaces by using nano-particles
12:30-12:45	Sternberg T., Viles H.	Ivy (<i>Hedera helix</i> L.) impact on historic stone surfaces: agent of bioprotection or biodeterioration?

12:45-13:00 BREAK

S24. Natural stones, usage and testing II

Chairs: Příklad R., Theodoridou M. and Torok Á.

13:00-13:15	Gomez-Heras M., Vazquez P., Carrizo L., Fort R., Alonso F.J.	Effects of high temperatures in building granites: micro-cracking patterns and ultrasound velocity attenuation
13:15-13:30	Khawaja S.	"Green Walls": Microbiology of algae growing on sandstone walls and implications for the impacts of climate change on cultural heritage
13:30-13:45	McAllister D., McCabe S., Smith B., Betts N.	Factors influencing sandstone response to changing environmental conditions in Northern Ireland
13:45-14:00	Adamson C.S., McCabe S., McAllister D., Smith B.J., Warke P.A.	Mapping the spatial distribution of precipitation, biological soiling, and decay on monuments in Northern Ireland: towards understanding long-term stone response to moisture
14:00-14:15	Torok A., Licha T., Simon K., Siegesmund S.	Composition of dust and the formation of black weathering crusts in Hungary and Germany
14:15-14:30	McKinley J., Keaney A., McCabe S., Curran J. Smith B.	Spatial distribution of salt penetration in weathered sandstone
14:30-14:45	Oguchi C., Takaya Y., Yamazaki M., Ohnishi R., Thidar A., Hatta T.	High acidic sulphate salt production on the cave wall in the Yoshimi Hyaku-Ana Historic Site, central Japan

14:45-15:30 BREAK

Sunday, 26 September 2010, Room C

S16. Progress in understanding the evolution of the Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region I

Chairs: Seghedi I. and Downes H.

15:30-15:45	<u>Downes H.</u> , Seghedi I., Maţenco L., Szakacs A., Pécskay Z.	Post-subduction Pliocene-Quaternary magmatism in the south-east part of the Carpathian-Pannonian Region: tectonic significance
15:45-16:00	Gençalioglu Kuşcu G.	Revisiting the source characteristics of Quaternary monogenetic basalts in Central Anatolian Volcanic Province: asthenospheric or lithospheric melts?
16:00-16:15	<u>Geneli F.</u> , Goncuoglu M.C., Lassiter J., Toksoy Koksall F.	Eocene post-collisional volcanism in the Central Anatolian Crystalline Complex, Turkey: Petrology and geodynamic significance
16:15-16:30	<u>Kiss P.</u> , Molnar F., Gmiling K., Pécskay Z.	Petrochemical signatures of Sarmatian volcanic rocks in the mineralized and unmineralized areas of the Tokaj Mountains, NE-Hungary
16:30-16:45	<u>Ntaflos Th.</u> , Tschegg C., Kosler J.	Non-equilibrated and cryptic metasomatized lithospheric mantle beneath Balaton, Pannonian Basin
16:45-17:00		<i>Discussion</i>

17:00-17:30 BREAK

S16. Progress in understanding the evolution of the Late Alpine – Quaternary magmatism and geodynamic history of the Carpathian-Balkan region II

S15. Tertiary potassic and ultrapotassic magmatism along the Carpathian-Balkan-Dinaride chain: petrological processes and geodynamics

Chairs: Poli G. and Koroneos A.

17:30-17:45	Popa M., Radulian M., <u>Szakacs A.</u> , Seghedi I., Zaharia B.	Seismicity in the southern part of the Harghita Mountains and its possible correlation with recent volcanic activity
17:45-18:00	<u>Poli G.</u> , Christofides G., Cvetkovic V., Perugini D., Koroneos A.	Petrology and geodynamics: findings from Dinarides - Hellenides and adjoining regions
18:00-18:15	<u>Koroneos A.</u> , Poli G., Cvetkovic V., Christofides G., Krstic D., Pécskay Z.	Contrasting plutonic bodies in the northern Dinarides-south Pannonian basin: petrogenetic and tectonic implications inferred from the study of Mt. Cer granitoids (West Serbia)
18:15-18:30	<u>Yanev Y.</u> , Boev B., Iliev Tz., Pécskay Z., Karadjov M., Boev I.	Mineralogy of the Pliocene trachyte and its carbonatitic minette inclusions in Ostrvica, FYR Macedonia
18:30-19:00		<i>Discussion</i>

Sunday, 26 September 2010, Poster Sessions (19:00-20:00)

Board	Authors	Poster title
G03. Applied geology (engineering geology, hydrogeology, urban geology, etc.)		
1.	Bayram A.F.	Hydrogeological Investigation of the Beysehir Lake and surrounding area
2.	<u>Voudouris K.</u> , Kaklis T., Constantinou C.A., Evaggelatos F., Papageorgiou S., Mentas A., Irakleous Th., Panagiotou Ch.	Pilot study for artificial recharge of the south-eastern Mesaoria aquifer (Cyprus), using tertiary treated wastewater
3.	<u>Chowaniec J.</u> , Zuber A	Water ages in thermal system of Podhale Basin, Inner Carpathians, southern Poland
4.	<u>Demer S.</u> , Memiş Ü., Özgür N.	Investigation of drinking water quality in Isparta, SW-Turkey
5.	<u>Rajchel L.</u> , Rajchel J.	Mineral, thermal and therapeutic waters of Polish Carpathians
6.	Pertlik F.	The akrotapege "Barbarabad", Carinthia, Austria
7.	<u>Palcu M.</u> , Witek Gh., Manta T., Fonoca Al.	Regional conceptual model of Upper Pliocene - Pleistocene aquifer formations from Dacian Basin in southern part of Romania
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