



Monday, 11 September 2006

- 08.30 – 09.00 Registration
- 09.00 – 09.15 **OPENING SESSION - Welcome address**
Local Authorities, E. J. VOULGARIS, Milos Conference Center -
George Eliopoulos, Greece
- 09.15 – 09.30 Local Authorities, A. KEFALAS, S&B Industrial
Minerals S.A., Greece
- 09.30 – 13.00** **SESSION I – Igneous petrology 1 – mostly older rocks and
granites**
- Chairpersons* *D. KOSTOPOULOS, National and Kapodistrian University of
Athens, Greece*
G. CHRISTOFIDES, Aristotle University of Thessaloniki, Greece
- 09.30 – 10.00 *Keynote Lecture*
**Petrology and geodynamics: findings from Aegean and adjoining
regions**
G. POLI, University of Perugia, Italy
- 10.00 – 10.20 **The Sithonia Plutonic Complex (Chalkidiki, N. Greece): an
example of interplay between geochemistry and magma
dynamics during magma interaction**
G. CHRISTOFIDES, Aristotle University of Thessaloniki, Greece
- 10.20 – 10.40 **Variation of boron content through time and space in Miocene
volcanic rocks of the Tokaj Mts (Hungary)**
K. GMELING, Institute of Isotopes, Hungarian Academy of
Sciences, Hungary
- 10.40 – 11.10** *Coffee break*
- 11.10 – 11.30 **Comparative geology and petrology of young granitoids in NW
Anatolia; their role on Tertiary tectonic evolution of the region**
E. AKAY, Dokuz Eylul University, Turkey
- 11.30 – 11.50 **Petrology of the Miocene igneous rocks of Lavrion area (SE
Attica, Greece)**
V. TSIKOURAS, University of Patras, Greece
- 11.50 – 12.10 **First report on post-Miocene rhyolitic volcanism from Ikaria
island, central Aegean, Greece**
D. KOSTOPOULOS, National and Kapodistrian University of
Athens, Greece
- 12.10 – 12.30 **Zircon crystallization and recycling in the magma chamber of
the rhyolitic Kos Plateau Tuff (Aegean Arc)**
O. BACHMANN, University of Geneva, Switzerland
- 12.30 – 13.00 Discussion
- 13.00 – 14.00** *Lunch break*
- 14.00 – 17.30** **SESSION II – Igneous petrology 2 – mostly younger rocks and
basalts**
- Chairpersons* *G. POLI, University of Perugia, Italy*
D. PRELEVIC, Mainz University, Germany

- 14.00 – 14.30 *Keynote Lecture*
Geology of the Bodrum Magmatic Complex, South-western Anatolia
 Y. YILMAZ, Kadir Has University, Turkey
- 14.30 – 14.50 **Tertiary Mediterranean lamproites: Geochemistry and geodynamic importance**
 D. PRELEVIC, Mainz University, Germany
- 14.50 – 15.10 **Afyon Lamproites from the Kirka-Afyon-Isparta Volcanic Province, Turkey**
 C. AKAL, Dokuz Eylul University, Turkey
- 15.10 – 15.30 **Petrogenesis of Miocene banakites of Limnos from dehydration melting of metadiorite underplating continental crust**
 G. PE-PIPER, Saint Mary's University, Canada
- 15.30 – 15.50 **Neogene progressive calc-alkaline to alkaline volcanism in the Aliğa – Foça Region (Western Anatolia, Turkey)**
 E. AKAY, Dokuz Eylul University, Turkey
- 15.50 – 16.10 **Boron variation in the South-Eastern Segments of the Neogene Carpathian-Pannonian volcanic area**
 K. GMELING, Institute of Isotopes, Hungarian Academy of Sciences, Hungary
- 16.10 – 16.30 **Petrography, geochemistry of Dehaj-Robat Quaternary basalts in NW of Kerman, Iran: Petrogenesis and mantle source**
 M. ARVIN, Shahid Bahonar University of Kerman, Iran
- 16.30 – 16.50 **Neogene post collisional Adakitic magma genesis in the NW of Iran**
 A. JAHANGIRI, University of Tabriz, Iran
- 16.50 – 17.10 **Neogene-Quaternary post-collisional alkaline magmatism in South Armenia (Lesser Caucasus)**
 I. K. NIKOGOSIAN, Utrecht University, The Netherlands
- 17.10 – 17.30 Discussion
 17.30 – 18.00 *Coffee break*
- 18.00 – 19.00 **POSTER SESSION**
Chairpersons G. PE-PIPER, Saint Mary's University, Canada
- 18.00 – 18.05 **Seismotectonic Model and Database in GIS**
 A. ANTONYAN, Armenian National Survey for Seismic Protection, Armenia
- 18.05 – 18.10 **Reconstruction and correlation of the exhumation history of high-pressure/low-temperature metamorphic rocks from Attica**
 I. BAZIOTIS, National Technical University of Athens, Greece
- 18.10 – 18.15 **Late-orogenic stretching of the Upper plate of Attica metamorphic core complex (Internal Hellenides, Central Greece): Field evidences from Parnis, Pastra and Kitheron mountains**
 A. DIAMANTOPOULOS, National Technical University of Athens, Greece
- 18.15 – 18.20 **Geochemistry and petrogenesis of peraluminous anorogenic leucogranite, Zabara area, Central Eastern Desert, Egypt**
 M. EL – SAYED, University of Alexandria, Egypt
- 18.20 – 18.25 **Architecture of upper Miocene ignimbrites of island of Kos, Greece**
 N. TSOUKALAS, Saint Mary's University, Canada
- 18.25 – 18.30 **Dynamic and petrological significance of magma mixing structures in lava flows from Lesbos (North-Eastern Greece)**
 G. POLI, University of Perugia, Italy

- 18.30 – 18.35 **Upper mantle tectonics in connection with the Neogene magmatism and the seismic wave propagation in South-Eastern Carpathian Arc Bend and Hellenic Arc systems**
M. POPA, National Institute for Earth Physics, Romania
- 18.35 – 18.40 **The pre-Kos Plateau Tuff volcanic rocks on Kefalos Peninsula (Kos Island, Dodecanese, Greece): Crescendo to the largest eruption of the modern Aegean Arc**
C. SCHNYDER, University of Geneva, Switzerland
- 18.40 – 18.45 **Miocene extensional fault-controlled mineralization in the central Aegean (Mykonos, Cyclades): deposition from a two-stage hydrothermal system?**
N. SKARPELIS, University of Athens, Greece
- 18.45 – 18.50 **The Perama Intermediate Sulfidation Epithermal Au System (Thrace, Greece): hypogene mineralogy and supergene alteration**
N. SKARPELIS, University of Athens, Greece
- 18.50 – 19.00 Discussion
- 19.00 – 20.30** *Welcome Reception*

Tuesday, 12 September 2006

- 09.00 – 15.00 *Field Trip (optional)*
- 15.00 – 17.30** **SESSION III - Mineral Deposits**
- Chairpersons* H.A. GILG, Technische Universität München, Germany
N. SKARPELIS, University of Athens, Greece
- 15.00 – 15.30 *Keynote Lecture*
Hydrothermal ore deposits associated with Paleogene post-orogenic extension and magmatism in the Rhodope Massif (Bulgaria and Greece)
P. MARCHEV, Geological Institute of Bulgarian Academy of Sciences, Bulgaria
- 15.30 – 15.50 **Fluid-Rock Interaction within the Enjerd skarn, and its association with copper mineralization, NW Iran**
A. HEZARKHANI, Amirkabir University of Technology, Iran
- 15.50 – 16.10 **Mineralogical and geochemical study of volatile exhalations from residual volcanic activity in the area of Palaeochorion of Milos Island, Greece**
E. CHATZITHEODORIDIS, National Technical University of Athens Greece
- 16.10 – 16.40** *Coffee break*
- 16.40 – 17.00 **Fossil bacteria and biomineralisation in the Vani manganese oxide deposit, Milos, Greece**
S. KILIAS, National and Kapodistrian University of Athens, Greece
- 17.00 – 17.20 **Geochemistry and origin of bentonite: a view from Bavaria to Milos**
H.A. GILG, Technische Universität München, Germany
- 17.20 – 17.30 Discussion

Wednesday, 13 September 2006

- 09.00 - 11.00** **SESSION IV - Tectonics**

<i>Chairpersons</i>	<i>G. VOUGIOUKALAKIS, Institute for Geology and Mineral Exploration, Greece</i>
09.00 – 09.30	<i>Keynote Lecture</i> Distributed faulting in the Aegean Sea and the surrounding lands A. KIRATZI, Aristotle University of Thessaloniki, Greece
09.30 – 09.50	Evidence for a paleostress extended clockwise rotation in the East Mediterranean, which was connected to the Europe-African-Arabian plate collision D. BAHAT, Ben Gurion University of the Negev, Israel
09.50 – 10.10	Emplacement mechanism of Plio-Quaternary Volcanoes in Azerbaijan (NW Iran) H. SADIG , Islamic Azad University, Maragheh Branch, Iran
10.10 – 10.30	Structural setting of the Neogene sedimentation within the dome zone in Northern Tunisia H. EL OUARDI, University Moulay Ismail, Faculty of Sciences, Morocco
10.30 – 10.50	The Saraceneco Basin and Integral Part of the Apollonia Caldera System. Milos Island, Hellas D. ZOUZIAS, University of Patras, Greece
10.50 – 11.00	Discussion
11.00. – 11.30	<i>Coffee break</i>
11.30 – 13.30	SESSION V - Seismology
<i>Chairpersons</i>	<i>M. RADULIAN, National Institute for Earth Physics, Romania</i>
11.30 – 12.00	<i>Keynote Lecture</i> Preliminary Data from Recent Marine Geological Investigations of the Santorini Volcanic Field G. E. VOUGIOUKALAKIS, Institute for Geology and Mineral Exploration, Greece
12.00 – 12.20	Lateral inhomogeneities in the upper mantle structure beneath South-Eastern Carpathians (Vrancea region): seismological evidence and geodynamic implications M. RADULIAN, National Institute for Earth Physics, Romania
12:20 – 12.40	Anelastic properties of the Aegean upper mantle inferred from rayleigh wave attenuation I. KASSARAS, University of Athens, Greece
12.40 – 13.00	Monitoring physico-chemical and seismicity parameters of the Santorini volcano as probable earthquake precursors K. PAPAVASSILIOU, University of Athens, Greece
13.00 – 13.20	Possible effects of volcanism on major engineering works in Thessaly S. STIROS, University of Patras, Greece
13.20 – 13.30	Discussion
13.30 – 14.30	<i>Lunch break</i>
14.30 – 15.00	CLOSING SESSION