



**CURRICULUM VITAE S. KOKKALAS**

**STRUCTURAL GEOLOGIST-NEOTECTONICS/PALEOSEISMOLOGY**

**Personal data:**

**Name:** SOTIRIS  
**Surname:** KOKKALAS  
**Date of birth:** December 1<sup>st</sup> 1972  
**Place of birth:** Athens  
**Nationality:** Greek  
**Phone number:** Work: (+30)-2610-996274  
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**Academic Training:**

**1990-1995** B.A in Geology at the University of Patras.  
- Degree Thesis: «Structural analysis and evolution of the northern part of the Kymi-Aliveri Neogene basin», supervised by Prof. T. Doutsos.

**1992** 3 month scholarship (ERASMUS program) of the State Scholarship Institution (I.K.Y) in the Freie Universitate Berlin (Germany):  
- Geology of Central Europe  
- Geological mapping of High grade metamorphic rocks  
- *Field work:* Geological mapping in Huttenberg region (Austria).

**1995-2000** Ph.D. Geology (in Neotectonics-Microtectonics), Department of Geology-University of Patras.  
Dissertation title: "*Geodynamic evolution of the SE-part of the Hellenic Arc*", supervised by Prof. T. Doutsos.  
Awarded State Scholarship, Subject: "Tectonics and Stratigraphy" (full tuition 1995-1999).

**2003-2008** *Lecturer* in Neotectonics-Microtectonics at the Univ. of Patras, Department of Geology, Division of General Marine Geology and Geodynamics

**2008-present** *Assistant Professor* in Neotectonics-Microtectonics at the Univ. of Patras, Department of Geology, Division of General Marine Geology and Geodynamics

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**Teaching:** Teaching the courses: (Undergraduate) Geodynamics, Geological Mapping, Interpretation and Analysis of Geological maps, Geology of Earthquakes. (Post-graduate - MSc-degree) Active faults and construction works -Brittle deformation of the upper crust

*Teaching material*

*Book: Geology and Earthquakes* (by I. Koukouvelas, S. Kokkalas, V. Zygouri), Disigma Publ. Patras 2011.

*Geodynamics* (by S. Kokkalas) University Notebook, 2005

**Working experience:**

- 1998**
- Research assistant in research program of **Enterprise Oil Ltd.** "Relations of faults and folds in the Cretaceous Limestones of the Ionian zone". Scientific coordinator: Prof. T. Doutsos
- 2002**
- Research assistant in OASP (Organisation of Earthquake planning and protection) research Neotectonics program: "*Palaeoseismological Research in the Volvi, Oropos-Avlona-Kaparelli Active Faults*". Scientific coordinator: Prof. S. Pavlides.
- 2003**
- Geological surveillance in research drilling in Trizonia Island (3F project with IFP-France). Scientific coordinator: Prof. F. Cornet)
- 2003**
- KDD2 Training course (within Aegis project) in INSA Lyon France for databases and SQL language from 16-19 July.
- 2003**
- Short field course "New techniques in Neotectonics and Paleoseismology" in the Sierra Nevada, USA. XVI INGUA Congress Field trip Reno-Nevada (instructors: J.P. McCalpin and J. Caskey)
- 2005**
- Research assistant in GGET (General Secretariat of Research and Technology) research program: "Relation study of seismic hazard in the eastern Corinth area with the deep structure and fault linkage". Scientific coordinator: Prof. G. Papadopoulos (National Observatory of Athens-Geodynamic Institute).
- 2006 Sept-2007 Feb**
- Visiting researcher at the Geological and Environmental Dept.-Stanford University, California-USA in the Rock Fracture Group Laboratory

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**RESEARCH INTERESTS**

Fault geometry, fault interaction and segmentation, stress analysis, orogenic evolution of the Hellenides, shear zones, relation of magmatism-volcanism with tectonics, strain analysis of plutons, active faulting, seismotectonics, paleoseismology, earthquake dating.

**PROFESSIONAL SOCIETIES-ACTIVITIES-AWARDS**

- Full member of the Geological Society of Greece, and Geological Society of America. Campus representative for GSA. Member of Natural Hazards Society.
- Included in Reviewer list of Geological Society of America, (Special Publ.), Geological Society of London, (Special Publ.), Tectonophysics, Bulletin of Geological Society of

Greece, Geosphere, Lithos, Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, Journal of Geodynamics

- Published articles in International Scientific Journals: **33**
- Abstracts in International conferences and workshops: **40**
- Total number of citations (self-citations excluded): **204 (h-index=8)** (source: Scopus-Elsevier B.V. & ISI-Thomson Scientific)

## **PUBLICATIONS**

### **a) Articles in International Scientific Journals**

(\* articles published in journals of the Science Citation Index-SCI- and ISI index of scientific book contents)

1)\* CHATZARAS, V., XYPOLIAS, P., KOKKALAS, S., KOUKOUVELAS, I., 2011. Oligocene-Miocene thrusting in central Aegean: insights from the Cycladic island of Amorgos. *Geological Journal* (in press), DOI: 10.1002/gj.1304.

2) SPANOS D., KOUKOUVELAS, I., KOKKALAS, S., XYPOLIAS, P., 2010. Patterns of ductile deformation in Attico-Cycladic massif. *Bulletin of the Geological Society of Greece. Proceedings of the 12<sup>th</sup> International Congress, Patras, May 2010, 368-378.*

3) KOKKALAS, S. 2010. Segmentation and interaction of normal faults in Central Greece. *Bulletin of the Geological Society of Greece. Proceedings of the 12<sup>th</sup> International Congress, Patras, May 2010, 428-441.*

4) \*XYPOLIAS, P. SPANOS D., CHATZARAS, V., KOKKALAS S., KOUKOUVELAS I., 2010 Vorticity of flow in ductile thrust zones: examples from the Attico-Cycladic Massif (Internal Hellenides, Greece). *Geological Society, London, Special Publication 335, "Continental Tectonics and Mountain Building", 687-714.*

5) \*KOUKOUVELAS. I., KOKKALAS, S., XYPOLIAS, P. 2010. Surface deformation during the Mw 6.4 (June 08, 2008) Movri Mt earthquake, Peloponnese and its implications for the seismotectonics of Western Greece. *International Geology Review*, 52, 2-3, 249-268.

6) \*G. PE-PIPER, D.J. PIPER, KOUKOUVELAS I., DOLANSKY L & KOKKALAS S. 2009. Post-orogenic shoshonitic rocks and their origin by melting underplated basalts: the Miocene of Limnos, Greece. *Geological Society of America Bulletin* v. 121, p.17-38.

7) \*JONES R.R., KOKKALAS S., MCCAFFREY, K.J.W.. 2009. Quantitative Analysis and Visualisation of non-planar fault surfaces using Terrestrial Laser Scanning ("LiDAR") - the Arkitsa Fault, central Greece as a case study. *Geosphere*, v.5, no.6, p.465-482, doi: 10.1130/GES00216.1

8) PARCHARIDIS, I., KOKKALAS, S., FOUNTOULIS, I., FOUMELIS, M., 2009. Detection and Monitoring of Active Faults in Urban Environments: Time Series Interferometry on the Cities of Patras and Pyrgos (Peloponnese, Greece). *Remote Sensing*, 1, 676-696; doi: 103390/rs1040676

9) \*ZYGOURI, V., VERROIOS, S., KOKKALAS, S., XYPOLIAS, P., KOUKOUVELAS, I., 2008 Scaling properties within the Gulf of Corinth; (Greece) comparison between onshore and offshore active faults. *Tectonophysics* 453, (1-4), 193-210.

10) KOUKOUVELAS I, PAVLIDES S., AGRAFIOTIS D., ALEXANDRIS, G., STAMATOPOULOS, L., ZIGOURI V., VERROIOS S., SBORAS S., KOKKALAS S. 2007. Coseismic and aseismic adjustment of a river course: The case history of Kerynities river, Gulf of Corinth, Greece. In: *Ancient Helike and Aigialeia, Archaeological Sites in Geologically Active Regions* (eds) Katsonopoulou D., Soter S., Koukouvelas I., Helike III, Proceedings of the 3rd International Conference, Nikolaiika, Diakopton, 6-9 October 2000, 223-241.

11) KOKKALAS S., JONES R.R., MCCAFFREY K.J.W., CLEGG P. 2007. Quantitative fault analysis at Arkitsa, Central Greece, using terrestrial Laser-Scanning (LiDAR). *Bulletin of the Geological Society of Greece*, vol. XXXX, 1959-1972.

- 12) **KOKKALAS, S.**, PAVLIDES, S., KOUKOUVELAS, I., GANAS, A., TSODOULOS I., STAMATOPOULOS, L., GOUNTROMICHOU, C., VALKANIoTIS S. 2007 Preliminary Palaeoseismological results from Kapareli Fault (Central Greece): evidence of seismic events for the past 10.000 years. *Hellenic Journal of Geoscience vol.42*, 65-74.
- 13) \***KOKKALAS S.**, PAVLIDES, S., KOUKOUVELAS, I., GANAS, A., & STAMATOPOULOS, L., 2007. Paleoseismicity of the Kaparelli Fault (Eastern Corinth gulf): Evidence for Earthquake Recurrence and Fault Behavior. *Bollettino della Societa Geologica Italiana*, 126 (2), 387-395.
- 14) \***XYPOLIAS P.**, **KOKKALAS S.** (2006). Heterogeneous ductile deformation along a mid-crustal extruding shear zone: an example from External Hellenides (Greece). *Geological Society of London, Special Publ.*, 268, 497-516.
- 15) \***KOKKALAS S.** XYPOLIAS P. KOUKOUVELAS I. DOUTSOS T. (2006) Post-Collisional Contractional and Extensional Deformation in the Aegean region. In: *Dilek. Y. Pavlides S (eds) Post Collisional Tectonics & Magmatism in the Mediterranean Region and Asia.*, *Geological Society of America Special Paper*, 97-123
- 16) \***PAVLIDES, S.**, CAPUTO R., KOUKOUVELAS I., **KOKKALAS S.** AND CHATZIPETROS A. (2005) Paleoseismological investigation of the Aegean-type active faults. In: *Dilek. Y. Pavlides S (eds) Post Collisional Tectonics & Magmatism in the Mediterranean Region and Asia.* *Geological Society of America Special Paper*, 175-188.
- 17) **KOKKALAS S.**, XYPOLIAS P., KOUKOUVELAS I. 2005. Structural evolution and kinematics in the contact zone between Serbomacedonian and Rhodope massifs, Central Macedonia, Greece. *Bulletin of the Geological Society of Greece*, vol. XXXVII, 143-152.
- 18) **SOURLAS G.**, **KOKKALAS S.**, KOUKOUVELAS I. 2005. 3-D Numerical modeling on overlapping normal fault segments: a case study from Megalopolis Basin, Peloponnese, Greece. *Bulletin of the Geological Society of Greece*, vol. XXXVII, 218-231.
- 19) \***KOKKALAS S.**, KOUKOUVELAS IK. (2005) Fault-scarp degradation modeling in central Greece: the Kaparelli and Eliki faults (Gulf of Corinth) as a case example. *Journal of Geodynamics* 40 (2-3), 200-215.
- 20) \***CHATZIPETROS A.**, **KOKKALAS S.**, PAVLIDES SB, KOUKOUVELAS IK. (2005). Palaeoseismic data and their implication for active deformation in Greece. *Journal of Geodynamics* 40 (2-3), 170-188.
- 21) **S. VERRIOS, V. ZYGOURI, S. KOKKALAS** (2004) Morphotectonic analysis in the Eliki fault zone (Gulf of Corinth, Greece). *Bulletin of the Geological Society of Greece*, vol. XXXVI, p. 1706-1715.
- 22) **Kostakioti, A., Xypolias, P., KOKKALAS, S., DOUTSOS, T.** (2004) Quantitative analysis of deformation along the fault damage zone of the Klimatia thrust (NW-Greece, Ionian zone). *Bulletin of the Geological Society of Greece*, vol. XXXVI, p. 1643-1651.
- 23) \***KOKKALAS, S.**, DOUTSOS, T. 2004. Kinematics and strain partitioning in the southeast Hellenides, Greece. *Geological Journal* 39, (2), 121-140.
- 24) \* **PAVLIDES, S.**, KOUKOUVELAS, I., **KOKKALAS, S.**, STAMATOPOULOS, L., KERAMYDAS D., TSODOULOS I. 2003. Late Holocene evolution of the East Eliki fault, Gulf of Corinth (Central Greece). *Quaternary International* 115, 139-154.
- 25) \***XYPOLIAS, P.**, **KOKKALAS, S.**, SKOURLIS, K., (2003). Upward extrusion and subsequent transpression as a possible mechanism for the exhumation of HP/LT rocks in Evia Island (Aegean Sea, Greece). *Journal of Geodynamics* 35, 303-332.
- 26) \***KOUKOUVELAS, I.**, **KOKKALAS, S.** (2003). Emplacement of the Miocene west Naxos pluton, (Aegean Sea, Greece): a structural study. *Geological Magazine* 140, 45-61.
- 27) \***KOKKALAS, S.**, XYPOLIAS, P., KOUKOUVELAS, I., DOUTSOS, T. 2003. Relationships between folding

and fracturing in orogenic belts: Examples from the Rhenohercynian zone (Germany) and the External Hellenides (Greece). *Geologica Carpathica* 54 (3), 153-162.

28) \***KOKKALAS, S.**, DOUTSOS, T. 2001. Strain-dependent stress field and plate motion in the south-east Aegean region. *Journal of Geodynamics* 32, 311-332.

29) \*DOUTSOS, T., **KOKKALAS, S.** 2001. Stress and deformation in the Aegean region. *Journal of Structural Geology* 23, 455-472.

30) \*DOUTSOS, T., KOUKOUVELAS, I., POULIMENOS, G., **KOKKALAS, S.**, XYPOLIAS, P., SKOURLIS, K. 2000. An exhumation model of the south Peloponnesus, Greece. *International Journal of Earth Sciences* 89, 350-365.

31) **KOKKALAS, S.** 2001. Tectonic evolution and stress field of the Kymi-Aliveri Basin, Evia Island, Greece. *Bulletin of the Geological Society of Greece* 34, 243-249.

32) **KOKKALAS, S.**, DOUTSOS, T. 2000. Strain partitioning along the south Hellenides (Eastern Crete, Greece). In: Proceedings of the 3<sup>rd</sup> International Conference on *The Geology of the Eastern Mediterranean*, (Eds: Panayides I., Xenophontos C., Malpas, S.), pp. 83-95.

33) **KOKKALAS S.**, XYPOLIAS P., KOUKOUVELAS I. Structural evolution and kinematics along a traverse in the Rhodope and Serbomacedonian massifs. *Bulletin of the Geological Society of Greece*.

## **b) Submitted articles**

\*[1] **S. KOKKALAS**, A. AYDIN, 2011. Is there a link between faulting and magmatism in south-central Aegean Sea? *Geological Magazine* (accepted with moderate revision).

\*[2] **KOKKALAS, S.**, KAMBERIS, E., XYPOLIAS, P., SOTIROPOULOS, S., KOUKOUVELAS, I., 2011. Coexistence of thin- and thick-skinned tectonics in Zakynthos area (Western Greece): insights from seismic sections and regional seismicity. *Tectonophysics* (accepted minor revision).

\*[3] **KAPLANIS, A.**, KOUKOUVELAS, I., XYPOLIAS, P., **KOKKALAS, S.** 2011. Kinematics and ophiolite obduction in Gerania and Helicon Mountains, central Greece. *Tectonophysics* (accepted with minor revision).

\*[4] XYPOLIAS, P., ILIOPOULOS, I., CHATZARAS, V., **KOKKALAS, S.**, 2011. Subduction- and exhumation-related structures in the Cycladic Blueschists: insights from the south Evia Island (Aegean region, Greece). *Tectonics*, (in press).

\*[5] ZYGOURI, V., KOUKOUVELAS, I., **KOKKALAS, S.**, XYPOLIAS, P., PAPADOPOULOS, G., 2011. Morphotectonic and Paleoseismological study of a Quaternary fault : the case of Nisi fault, NW-Peloponnese, Greece. *Geomorphology* (under review).

## **c) Abstracts and Extended abstracts in International Conferences**

- [1] XYPOLIAS, P., CHATZARAS, V., PAPADOPOULOU, S., **KOKKALAS, S.**, 2011. Strain-partitioning during fabric transposition and mylonitization: insights from the Cycladic Blueschist Nappe (Aegean region, Greece). In: Deformation Localization in Rocks: New advances, Penrose Conference, Cadaques, Catalonia, Spain, 27 June-2 July 2011 (oral)

- [2] CHATZARAS, V., ΧΥΠΟΛΙΑΣ, P., ΚΟΚΚΑΛΑΣ, S., ΚΟΥΚΟΥΒΕΛΑΣ, I., 2011. Localization of deformation along inherited structures: insights from the Omalos Transverse Zone (western Crete, Greece). In: Deformation Localization in Rocks: New advances, Penrose Conference, Cadaques, Catalonia, Spain, 27 June-2 July 2011 (poster).
- [3] ΚΟΚΚΑΛΑΣ, S. 2010. Segmentation and interaction of normal faults in central Greece. 12<sup>ο</sup> Διεθνές Συνέδριο της Ελληνικής Γεωλογικής Εταιρίας (Πάτρα, 19-22 Μαΐου 2010). (oral presentation).
- [4] SPANOS, D., ΚΟΥΚΟΥΒΕΛΑΣ, I., ΚΟΚΚΑΛΑΣ, S., ΧΥΠΟΛΙΑΣ, P. 2010. Patterns of ductile deformation in Attico-Cycladic Massif. 12<sup>ο</sup> Διεθνές Συνέδριο της Ελληνικής Γεωλογικής Εταιρίας (Πάτρα, 19-22 Μαΐου 2010). (poster).
- [5] CHATZARAS, V., ΧΥΠΟΛΙΑΣ, P., ΚΟΚΚΑΛΑΣ, S., ΚΟΥΚΟΥΒΕΛΑΣ, I. 2010. Kinematic evolution of southern Hellenides (western Crete, Greece). *Geophysical Research Abstracts*, Vol. 12, EGU2010-14414. (Vienna 2010). (abstract, poster).
- [6] ΚΟΚΚΑΛΑΣ, S., ΑΥΔΙΝ, A., 2008. Interaction between faulting, magma emplacement and volcanism in the central Aegean. *Donald D. Harrington – Symposium on the Geology of the Aegean*. (April 28 - 30, 2008) (abstract, oral presentation).
- [7] ΚΟΥΚΟΥΒΕΛΑΣ, I.K., ΚΟΚΚΑΛΑΣ, S., ΧΥΠΟΛΙΑΣ, P. 2008. Paleoseismic investigations along a key active fault within the Gulf of Corinth, Greece. *Donald D. Harrington – Symposium on the Geology of the Aegean*. (April 28 - 30, 2008) (abstract, poster presentation).
- [8] ΖΥΓΟΥΡΗ Β., ΒΕΡΡΟΙΟΣ Σ., ΚΟΚΚΑΛΑΣ Σ., ΚΟΥΚΟΥΒΕΛΑΣ Ι., ΠΑΠΑΔΟΠΟΥΛΟΣ Γ., 2008. Ανάπτυξη ενεργών ρηγματίων στον Κορινθιακό. «Γη και Θάλασσα της Κορινθίας: Γεωλογία-Σεισμολογία-Περιβάλλον», 2-3 Μαΐου 2008, Κόρινθος, σελ. 14-17.
- [9] ΚΟΚΚΑΛΑΣ S. ΧΥΠΟΛΙΑΣ P., ΚΟΥΚΟΥΒΕΛΑΣ I. 2008 Surface ruptures of the Mw 6.3 (June 08 2008) Earthquake event in the Northwest Peloponnese. 31<sup>st</sup> General Assembly of the European Seismological Commission, Creta Maris Conference Center Hersonissos, Crete, Greece, 7-12 September 2008.
- [10] ΚΟΥΚΟΥΒΕΛΑΣ I., ΠΑΠΑΔΟΠΟΥΛΟΣ G., ΚΟΚΚΑΛΑΣ S., ΧΥΠΟΛΙΑΣ P., ΖΥΓΟΥΡΙ V., ΒΕΡΡΟΙΟΣ S. 2008. The Nisi Fault : Paleoseismological evidence for repeated earthquake activity. 31<sup>st</sup> General Assembly of the European Seismological Commission, Creta Maris Conference Center Hersonissos, Crete, Greece 7-12 September 2008.
- [11] SOKOS E., ΚΟΚΚΑΛΑΣ S., DANCIU L., TSELENTIS G. AKIS. 2008. Probabilistic Seismic Hazard Assessment in Aegion City, Greece. 14th World Conference on Earthquake Engineering "Beijing, China, October 2008
- [12] JONES R., ΚΟΚΚΑΛΑΣ S., HEALY D., MCCAFFREY K., 2007. How is oblique extension (transtension) accommodated from regional to local scales? Regional Structural Geology: Challenges from the North Sea to the Middle East/Inversion of Faults and its Influence on Fault Seals. AAPG & AAPG European Region Energy Conference and Exhibition (Athens, November 18-21, 2007).
- [13] CHATZARAS, V., ΧΥΠΟΛΙΑΣ P., ΚΟΚΚΑΛΑΣ S., 2007. Exhumation of high-pressure rocks under continuous compression: insights from the Hellenides orogenic belt (Crete,

Greece). Continental tectonics and Mountain Building “The Peach and Horne Meeting” GSA and GSL Joint Meeting, McPhail Centre, Wester Ross, Ullapool, NW Scotland 12-19 May 2007

- [14] **KOKKALAS S.**, JONES R.R., MCCAFFREY K.J.W., CLEGG P. 2007. Quantitative fault analysis at Arkitsa, Central Greece, using terrestrial Laser-Scanning (LiDAR). 11<sup>th</sup> International Congress, Athens, May 2007.
- [15] **S. KOKKALAS.**, V. ZYGOURI, S. VERROIOS, P. XYPOLIAS, I. KOUKOUVELAS 2007 Fault scaling parameters in a rapidly extended region: Gulf of Corinth, Greece. Bicentennial Conference (1807-2007)“Earth Sciences in the Service of Society” Geological Society of London, Queen Elizabeth II Conference Center Westminster, London, 10-12 September 2007.
- [16] JONES RR., **KOKKALAS S.**, HEALY D., 2007. 3D fault connectivity, curvature and segmentation due to oblique extension. Geophysical Research Abstracts, Vol. 9, (Abstr. No. EGU07-05677) EGU General Assembly, Vienna 2007.
- [17] JONES, R.R., HEALY, D., **KOKKALAS S.**, IMBER, J., MCCAFFREY, K.J.W., CLEGG, P. 2007. Spatial Variation in Fault Curvature and Slip Patch Segmentation. Geol. Soc. London Tectonic Studies Group, Glasgow, January 2007.
- [18] JONES RR., **KOKKALAS S.**, HEALY D., 2006. Curvature of fault planes and heterogeneity of slip patches T11C-0453 AGU Fall Meeting 11-15 December, San Francisco, CA
- [19] JONES RR., **KOKKALAS S.**, MCCAFFREY KJW, IMBER J., CLEGG P., HEALY D., WRIGHT D., TURNER JP. 2006. Quantification of fault-plane curvature and surface heterogeneity using terrestrial laser-scanning. Geophysical Research Abstracts, Vol. 8, (Abstr. No. EGU06-A-09326) EGU General Assembly, Vienna 2006.
- [20] KOUKOUVELAS I.K., GALLOUSI X., TSODOULOS I., SPANOS D., ZYGOURI V., VERROIOS S., ZOVOILI E., SOURLAS G., HATZARAS V., KAPLANIS A., PAPADOPOULOU P., **KOKKALAS S.**, XYPOLIAS P. 2006. Correlation between tectonics and mass wasting in Central Greece. 11<sup>th</sup> International Symposium on Natural and Human Induced Hazards & 2<sup>nd</sup> workshop on Earthquake prediction, June 22-25 Patras, Greece.
- [21] KOUKOUVELAS I.K., **KOKKALAS S.**, KATSONOPOULOU D., SOTER S., XYPOLIAS P. 2006. Slip rates on the Helike Fault, Gulf of Corinth, Greece: new evidence from geo-archaeology. Geophysical Research Abstracts, Vol. 8, (Abstr. No. EGU06-A-10255) EGU General Assembly, Vienna 2006.
- [22] I. KOUKOUVELAS, G. PE-PIPER, D.J.W. PIPER, **S. KOKKALAS** & L.M. DOLANSKY.2005. The Miocene volcanism of Limnos, NE Greece. Επιστημονική Συνεδρία της ΕΓΕ «Γεωλογία της Θράκης-Σεισμοτεκτονική του ΒΑ Αιγαίου» Σαμοθράκη 2-4 Σεπτ. 2005
- [23] I. KOUKOUVELAS, **S. KOKKALAS**, P. XYPOLIAS 2005. Structural evolution and kinematics along a traverse in Rhodope and Serbomacedonian massifs. Επιστημονική Συνεδρία της ΕΓΕ «Γεωλογία της Θράκης-Σεισμοτεκτονική του ΒΑ Αιγαίου» Σαμοθράκη 2-4 Σεπτ. 2005
- [24] KOUKOUVELAS I., PE-PIPER G., PIPER, DJW, **KOKKALAS S.**, DOLANSKY, L.M. 2005 The Miocene Volcanism of Limnos, NE-Greece. In: International Symposium on the

Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean Region, 15-18 June 2005, Kadir Has University, Istanbul, Turkey, (abstract) p.250.

- [25] SPANOS, D., XYPOLIAS, P., **KOKKALAS, S.**, KOUKOUVELAS, I. 2005. Ductile deformation and localized transpression in the western Aegean Sea. *International Symposium on the Geodynamics of Eastern Mediterranean*. Active Tectonics of the Aegean Region, 15-18 June 2005, Kadir Has University, Istanbul, Turkey, (abstract, oral presentation)
- [26] SOURLAS G., **KOKKALAS S.**, KOUKOUVELAS I. 2005. Evolution modeling of active normal faults. The earthquake of Grevena-Kozani 1995-10 years after. Grevena 13 May 2005. Geological Society of Greece (abstract).
- [27] **KOKKALAS S.**, KOUKOUVELAS IK, PAVLIDES SB, CHATZIPETROS A. 2004. Evidence of paleoseismicity in Greece-some case studies for understanding active fault behavior. 5<sup>th</sup> International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece 14-20 April 2004, Vol.2, 931-934.
- [28] E. KONSTADINIDI, S. VERRIOS, E. ZOVOILI, V. ZYGOURI, **S. KOKKALAS I.** KOUKOUVELAS 2004. Tectonic geomorphology at growing faults in Greece. 5<sup>th</sup> International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece 14-20 April 2004, Vol.2, 847-849.
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