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### **STUDIES**

1979-1984: Degree in Geology, University of Patras, Greece.

1984-1989: Ph.D. in Sedimentology, University of Patras.

Title of the Thesis: "Post-Miocene evolution of SW Peloponnesus, Greece".

1993-1998: Lecturer, Department of Geology, University of Patras.

1999 - 2003: Assistant Professor, Department of Geology, University of Patras.

2003 - 2008: Associate Professor, Department of Geology, University of Patras.

2009- Professor

2006-today: Dean of Natural Sciences School.

**EXPERTISE:** "Sedimentary Basin Analysis", "Petroleum Geology", "Sequence Stratigraphy".

## **SOME OF THE PUBLICATIONS:**

1. **Zelilidis,A.**, Koukouvelas,I. & Doutsos,T.1988: Neogene paleostress changes behind the forearc fold belt in the Patraikos Gulf areas Western Greece. -N. Jb. Geol. Palaont. Mh., 5: 311-325.
2. **Zelilidis, A.** & Doutsos, T. 1992: An interference pattern of neotectonic faults in the southwestern part of the Hellenic Forearc Basin, Greece.- Z.dt.geol.Ges.,143, 95-105.
3. Kontopoulos,N. & **Zelilidis,A.**1992: Upper Pliocene lacustrine environments in the intramontane Rio graben basin, NW Peloponnesus, Greece. -N. Jb. Palaont. Mh., 2, 102-114.
4. Poulimenos, G., **Zelilidis, A.**, Kontopoulos, N. & Doutsos, T. 1993: Geometry of trapezoidal fan deltas and their relationship to extensional faulting along the south-western active margins of the Corinth rift. -Basin Research, 5, 179-192.
5. **Zelilidis, A.** & Kontopoulos, N. 1994: Pliocene-Pleistocene fluvial/wave dominated deltaic sedimentation: the Pamisos delta in SW Peloponnesus, GREECE. -Geol.Mag.,131,653-668.
6. Doutsos, T., Koukouvelas, I., **Zelilidis, A.** & Kontopoulos, N. 1994: Intracontinental wedging and post-orogenic collapse in Mesohellenic Trough. - Geol.Rundsch., 83, 257-275.
7. **Zelilidis, A.** & Frydas, D. 1994: Paleogeographical and stratigraphical evolution in the Southern Peloponnese,Greece.- Munster Forsch. Geol. Palaont., 76, 255- 262.
8. Frydas, D. & **Zelilidis, A.** 1994: Kalkiges und kieseliges Phytoplankton aus dem Ober-Peloponnes (Griechenland). -Munster Forsch. Geol. Palaont., 76, 19-24.
9. **Zelilidis, A.** & Kontopoulos, N. 1996: Significance of fan deltas without toe-sets within rift and piggy-back basins: examples from the Corinth graben and the Mesohellenic trough, Central Greece. - Sedimentology, 43, 253-262.
10. Kontopoulos, N., **Zelilidis,A.** & Frydas,D. 1996: Late Neogene sedimentary and tectonostratigraphic evolution of southwestern Crete island, Greece. - N. Jb. Geol.Palaont. Abh., 202, 287-311.
11. Kontopoulos, N., **Zelilidis, A.**, Piper, D.J.W. & Mudie, P.J. 1997: Messinian evaporites in Zakynthos, Greece. -Palaeog., palaeocl., palaeoec, 129, 361-367.
12. **Zelilidis, A.**, Kontopoulos, N., Avramidis, P. & Bouzos, D. 1997: Late Eocene to early Miocene depositional environments of the Mesohellenic basin, North- Central Greece: Implications for hydrocarbon potential. - Geologica Balcanica , 27, 1-2, 45-55.

13. Kontopoulos, N. & **Zelilidis, A.** 1997: Depositional processes in outer arc marginal sub-basins during the Messinian. Examples from the western Crete Island, Greece. -*Geologica Balcanica*, 27, 1-2, 91-100.

14. **Zelilidis, A.** & Kontopoulos, N. 1997: Depositional environments of the Pentalophos formation in the Mesohellenic basin: Application to the concept of the hydrocarbon habitat. – *Mineral Wealth*, v.102, 45-52.

15. Kontopoulos, N. & **Zelilidis, A.** 1997: Depositional environments of the coarse-grained lower Pleistocene deposits in the Rio-Antirio basin, Greece. - In: *Engineering Geology and the Environment* (Eds. by Marinou,P.G., Koukis,G.C., Tsiambaos,G.C. and G.C.Stournaras). *Proceedings of Intern. Symp.Engin.Geol.Envir.*, 199-204.

16. **Zelilidis, A.**, Kontopoulos, N., Piper, D.J.W. & Avramidis, P. 1998: Tectonic and sedimentological evolution of the Pliocene-Quaternary basins of Zakynthos island, Greece: Case study of the transition from compressional to extensional tectonics. - *Basin Research*, 10, 393-408.

17. **Zelilidis, A.** 1998: Xerias river evolution in relation to the geological background of the Corinth basin and its flooding in 12/1/1997. *Bull. Geol. Soc. Greece*, v. XXXII, No 1, 277-286

18. Avramidis, P., **Zelilidis, A.** 1998: Two different submarine fan lobe types and their relationship to basin evolution; implication to hydrocarbon reservoirs, western Greece. *Bull. Geol. Soc. Greece*, v. XXXII, No 2, 165-173.

19. **Zelilidis, A.** & Kontopoulos, N. 1999: Plio-Pleistocene architecture in marginal extensional narrow sub-basins: examples from Southwest Greece. - *Geol.Mag.*, 136(3), 241-262.

20. Kontopoulos, N., Fokianou, T., **Zelilidis, A.**, Alexiadis, Ch. & Rigakis, N. 1999: Hydrocarbon potential of the middle Eocene-middle Miocene Mesohellenic piggy-back basin (central Greece): A case study. -*Mar.Petr.Geol.*, 16, 811-824.

21. **Zelilidis, A.** 2000: Drainage evolution in a rifted basin, Corinth graben, Greece. - *Geomorphology*, 35, 69-85.

22. Avramidis, P., **Zelilidis, A.** & Kontopoulos, N. 2000: Thrust dissection control of deep-water clastic dispersal patterns in the Klematia-Paramythia foreland basin, Western Greece. -*Geol.Mag.*, 137, 667-685.

23. Avramidis, P., **Zelilidis, A.** 2001: The nature of deep-marine sedimentation and palaeocurrent trends as an evidence of Pindos foreland basin fill conditions. *Episodes*, 24, No4, 252-256.

24. **Zelilidis, A.** & Kontopoulos, N. 2001: Post-Miocene sedimentary evolution of south Peloponnesus, Greece. -*GAIA* , No 16 (1-2), 1-12.

25. **Zelilidis, A.** 2001: Drainage evolution and river flooding related to tectonic and human activities. - Bull. Geol. Soc. Greece, v. XXXIV/1, 483-491.
26. Vakalas, J., Ananiadis, G., Mpourlokas, J., Poulimenos, D., Getsos, K., Pantopoulos, G., Avramidis, P., **Zelilidis, A.** & Kontopoulos, N. 2001: Palaeocurrent directions as an indicator of Pindos foreland evolution (central and southern part), Western Greece. - Bull. Geol. Soc. Greece, v. XXXIV/2, 785-791.
27. Ananiadis, G. & **Zelilidis, A.** 2001: Depositional environments of Tertiary sediments in Metsovo basin, NW Greece. - Bull. Geol. Soc. Greece, v. XXXIV/2, 755-762.
28. **Zelilidis, A.**, Piper, D.J.W. & Kontopoulos, N. 2002: Sedimentation and basin evolution of the Oligocene - Miocene Mesohellenic basin, Greece. - AAPG Bulletin, 86 (1), 161-182.
29. Avramidis, P., **Zelilidis, A.**, Vakalas, I. & Kontopoulos, N. 2002: "Interaction between tectonic activity and eustatic sea-level changes in the Pindos and Mesohellenic Basins, NW Greece: basin evolution and hydrocarbon potential. -Journal of Petroleum Geology, 25 (1), 53-82.
30. Ananiadis, G. & **Zelilidis, A.** 2002: Pindos zone sub-marine fans in Greece related to the remnant Pindos ocean closure in a trench during Paleocene and later in a rift during Miocene time. - CD-Rom of AAPG meeting in Cairo, Egypt.
31. **Zelilidis, A.** 2003: The geometry of fan-deltas and related turbidites in narrow linear basins. Geological Journal, 38, 31-46.
32. **Zelilidis, A.**, Piper, DJW., Vakalas, J., Avramidis, P. & Getsos, K. 2003: Oil and gas plays in Albania: do equivalent plays exist in Greece? – Journal of Petroleum Geology, 26, 1, 29-48.
33. Stoykova, Kr., Avramidis, P. & **Zelilidis, A.** 2003: Calcareous nannofossil stratigraphy of the Tertiary submarine fan deposits, Pindos foreland basin, western Greece. – Geologica Carpathica, 54, 2, 107-118.
34. Kokinou, E., Kamberis, E., Vafidis, A., Monopolis, D., Ananiadis, G. & **Zelilidis, A.** 2005: Deep seismic reflection data from offshore western Greece: a new crustal model for the Ionian Sea. – Journal of Petroleum Geology, 28, 81-98.
35. Vakalas, I., Ananiadis, G., Kontopoulos, N., Stoykova, K. & **Zelilidis, A.** 2004: Age determination and palaeogeographic reconstruction of Pindos foreland basin based on calcareous nannofossils. – Bull. Geol. Soc. Greece, v. XXXVI/2, 864-873.

36. Ananiadis, G., Vakalas, I., **Zelilidis, A.**, & Stoykova, K. 2004: Palaeogeographic evolution of Pindos basin during Paleogene using calcareous nannofossils. - Bull. Geol. Soc. Greece, v. XXXVI/2, 836-845.
37. Getsos, K., Pomoni-Papaioannou, F. & **Zelilidis, A.** 2004: Triassic carbonate and evaporite sedimentation in the Ionian zone (western Greece): Palaeogeographic and Palaeoclimatic implication. - Bull. Geol. Soc. Greece, v. XXXVI/2, 699-707.
38. Ananiadis, G., Vakalas, I., **Zelilidis, A.** & Tsikouras, B. 2004: Provenance of Pindos flysch deposits in Metsovo and Fournas areas using scanning electron microscopy and microanalysis. - Bull. Geol. Soc. Greece, v. XXXVI/1, 534-541.
39. Vakalas, I., Ananiadis, G., **Zelilidis, A.**, Kontopoulos, N. & Tsikouras, B. 2004: Provenance of Pindos foreland flysch deposits using scanning electron microscopy and microanalysis. - Bull. Geol. Soc. Greece, v. XXXVI/1, 607-614.
40. Ananiadis, G., Vakalas, I., Kontopoulos, N. & **Zelilidis, A.** 2004: Hydraulic and statistical grain-size parameters of Pindos turbidite deposits. - Bull. Geol. Soc. Greece, v. XXXVI/2, 689-698.
41. Vakalas, I., Ananiadis, G., Kontopoulos, N. & **Zelilidis, A.** 2004: Grain size statistical parameters and paleoflow velocity measurements of the Tertiary Pindos foreland basin turbidites. - Bull. Geol. Soc. Greece, v. XXXVI/2, 717-724.
42. Getsos, K., Pomoni-Papaioannou, F. & **Zelilidis, A.** 2005: Sedimentological aspects and karstification of the Pantokrator limestones (NW Greece). 7<sup>th</sup> Hellenic Hydrogeological conference, Athens, v.II, 225-232.
43. Getsos, K. & **Zelilidis, A.** 2006: Study on Mesozoic carbonates of the Ionian zone and their petroleum potential based on stable isotopes, total organic carbon, SEM and clay minerals (NW Greece). Proceedings of the 2<sup>nd</sup> International Conference on: "Advances in Mineral Resources Management and Environmental Geotechnology" Chania 2006, Greece, p. 453-458.
44. Avramidis, P., **Zelilidis, A.** 2007: Potential source rocks, organic geochemistry and thermal maturation in the southern depocenter (Kipourio-Grevena) of the Mesohellenic Basin, central Greece. - International Journal of Coal Geology, 71 (4), pp. 554-567.
45. Maravelis, A., Konstantopoulos, P., Pantopoulos, G. & **Zelilidis, A.** 2007: North Aegean sedimentary basin evolution during the Late Eocene to Early Oligocene based on sedimentological studies on Lemnos Island (NE Greece). – Geologica Carpathica, 58, 455-464.

46. Pantopoulos G., Konstantopoulos P., Maravelis A., and **Zelilidis A.** 2007: The use of statistical analysis in the lithostratigraphy of submarine deposits. An example from Southeast Greece (Karpathos island). - Bull. Geol. Soc. Greece, Special Publications.
47. Karakatsanis, S., Koukouzas, N., Pagonas, M. & **Zelilidis, A.** 2007: Preliminary sedimentological results indicate a new detailed stratigraphy for the Florina sedimentary basin and relate them with CO<sub>2</sub> presence. - Bull. Geol. Soc. Greece, v. XXXX/1, 173-181.
48. Pantopoulos, G., Maravelis, A. & **Zelilidis, A.** 2007: Application of bed thickness distributions in Late Eocene- Oligocene turbidite deposits of Greece: some preliminary results. - Bull. Geol. Soc. Greece, v. XXXX /1, 154-160.
49. Konstantopoulos, P., Maravelis, A., Nikolaidou, D., Pantopoulos, G. & **Zelilidis, A.** 2007: Application of bed thickness distributions in turbidite deposits of Mavri Miti area, SW Greece. - Bull. Geol. Soc. Greece, v. XXXX /1, 113-120.
50. Kiomourtzi, P., Pasadakis, N. & **Zelilidis, A.** 2007: Geochemical characterization of satellite hydrocarbon formations in Prinos-Kavala basin (North Greece). - Bull. Geol. Soc. Greece, v. XXXX /2, 839-850.
51. Maravelis, A., Konstantopoulos, P., Pantopoulos, G. & **Zelilidis, A.** 2007: Application of bed thickness distributions in turbidite deposits of Lemnos island, NE Greece. - Bull. Geol. Soc. Greece, v. XXXX /1, 154-160.
52. Getsos, K., Pomoni-Papaioannou, F. & **Zelilidis, A.** 2007: A carbonate ramp evolution in the transition from the Apulia platform to the Ionian basin during Early to Late Cretaceous (NW Greece). - Bull. Geol. Soc. Greece, v. XXXX /1, 53-63.
53. Konstantopoulos, P., Maravelis, A., Pantopoulos, G. & **Zelilidis, A.** 2007: Sedimentology submarine fans palaeocurrent analysis in Peloponnesus area of Pindos foreland basin. – Mineral Wealth, v.143, 49-55.
54. **Zelilidis, A.**, Vakalas, J., Barkooy, A., Darwish, M. & Tewfik, N. 2008: Impact of transfer faults and intrabasinal highs in basin evolution and sedimentation processes. Application to potential hydrocarbon fields development. – Advanced Science Letters, 1, 1-10.
55. Kiomourtzi, P., Passadakis, N. & **Zelilidis, A.** 2008: Source rock and depositional environment study of three hydrocarbon fields in Prinos-Kavala basin (North Aegean). – Open Petroleum Engineering Journal, v.1, 16-29.

### **SOME OF THE PROJECTS**

1995-1997: Examination of the conditions for hydrocarbon generation in the Mesohellenic basin. Source rocks, reservoirs and sealing. Supported by DEP-EKY.

1997-1998: Interpretation of seismic lines in Mesohellenic piggy-back basin in relation to surface exposures. Supported by DEP-EKY.

1999-2000: Laboratory measurements of density and susceptibility of metamorphic outcrops of sub-evaporitic formations of the Ionian and Gavrovo zones in W. Greece. Supported by Enterprise Oil Exploration LTD.

2000-2001: Geochemical analysis of sediments SW of Grevena town (Mesohellenic piggy-back basin). Supported by the self-government of Grevena.

### **SOME OF THE COURSES**

1999, 2000, 2001, 2002, 2003, 2004, 2005: Instructor of International Courses and Field Seminars organized by EREX (petroleum consultants) from Egypt, with subjects: 1. "Continental to Shallow Marine Depositional Systems, Corinth Rift-Greece", and 2. "Deep water Reservoirs & Turbidites, Pindos Foreland-Greece".

### **FOREIGN LANGUAGES**

English: Very good

### **VARIOUS**

1. Member of the Greek Geotechnical Chamber
2. Member of the Greek Geological Society
3. Member of the IAS
4. Member of the Balkan and Black Sea Petroleum Association.
5. Member of the Editorial Board of the journal "**Advanced Science Letters**".
6. Member of the Editorial Board of the journal "***The Open Petroleum Engineering Journal***".
7. Member of the Editorial Board of the journal "***The Open energy and fuels journal***".
8. Member of the Editorial Committee "**Journal of Mediterranean Earth Sciences**"