

# *CURRICULUM VITAE*

September 2014

## **Serafim E. POULOS**

### *PERSONAL DATA*

*Date & Place of Birth:* 12 May 1962/ Athens, Greece.  
*Nationality:* Greek  
*Status:* Married with 1 child  
*University Address:* National & Kapodistrian University of Athens,  
Faculty of Geology & Geoenvironment,  
Department of Geography & Climatology,  
Panepistimioupoli, Zografou 157 84, Athens, Greece.  
Tel. +30-210.7274143, Fax: +30-210.7247569  
E-mail: poulos@geol.uoa.gr

## **1. EDUCATION**

Oct. 1985 - June 1989: Ph.D. in Oceanography, University of Wales, U.K.  
Sept. 1980 - Nov. 1984: Diploma in Geology, Department of Geology, National & Kapodistrian University of Athens, Greece.

### **1.1 RESEARCH INTERESTS**

My scientific (research and educational) interests focus, primarily, on **Oceanography** and, secondarily, **Physical Geography**, and in particular, on issues related to **coastal geomorphology**. My oceanographic experience covers the aspects of descriptive physical oceanography, shelf dynamic oceanography (waves, currents, tides), environmental oceanography (e.g. water pollution, environmental status of seabed sediments), marine geology and geophysics (e.g. subbottom stratigraphy), sediment dynamics (dispersion, resuspension, transport). In the area of Physical Geography my interests refer to the processes involved in the air-sea-land interaction that relates to coastal zone formation and evolution. Thus, I am involved in studies related to coastal landforms (i.e. deltas, lagoons, beach barriers and islands, beaches and dunes) and studies concerning riverine water and sediment fluxes, coastal erosion, sea level changes, aspects of coastal meteorology (e.g. storms), coastal archaeology, climate change (impacts and mitigation) and coastal zone management.

## **2. PROFESSIONAL EXPERIENCE**

June 2009 to present: Associate Professor in Oceanography and Geomorphology (coastal), Department of Geography & Climatology, Faculty of Geology & Geoenvironment, National University of Athens.  
June 2005 to 2008: Assistant Professor in Oceanography and Geomorphology (coastal), Department of Geography & Climatology, Faculty of Geology & Geoenvironment, National University of Athens.

- Nov.1998 – May 2005: Lecturer in Oceanography, Department of Geography & Climatology, Faculty of Geology, National University of Athens.
- Apr.1995 – Oct 1998: Research Fellow, Institute of Oceanography, National Centre for Marine Research, Athens.
- Dec.1992 - Nov.1994: Research Fellow (E.U. Research Training Fellowship), Department of Oceanography, University of Southampton, U.K.
- Dec.1990 - Aug. 1991: Teaching Assistant (oceanography classes) at the Department of Geology (Section of Physical Geography), University of Athens.
- Nov.1989 – Sept. 1991: Greek Navy, School of anti-submarine warfare (Military (national Service))
- Nov.1989 - Aug. 1990: Lecturer for Underwater Acoustics, School of Anti-Submarine Warfare, Greek Navy (National Service).
- Oct.1988 - March 1989: Research Assistant, Department of Oceanography, University of Southampton, U.K.

### **3. SCIENTIFIC ACTIVITIES**

#### **3.1. CONFERENCES, CONGRESSES AND SYMPOSIA**

I have participated in 47 national and international seminars, workshops, conferences and symposia. A catalogue with those I have attended as Associate Professor (since 2011) is given below:

1. 9<sup>th</sup> International Hydrogeological Congress of Greece, 4<sup>th</sup> MEM Workshop on the Hydrology of fissured Rocks, Kalavrita, Greece, 5-8 Oct. 2011
2. 10<sup>th</sup> Pan-Hellenic Symposium of Oceanography and Fisheries, Athens 7-11 May, 2012
3. 5<sup>th</sup> Conference on Numerical Analysis (NumAn 2012) - Recent Approaches to Numerical Analysis: Theory, Methods and Applications", Ioannina, Greece, 5-8 Sept., 2012.
4. 11<sup>th</sup> International Congress of the Geological Society of Greece, Chania, 8-10 Sept. 2013, Greece.
5. 13<sup>th</sup> International Conference on Environmental Science and Technology, Athens, 5-7 Sept. 2013, Greece
6. The Global Congress on ICM: Lessons Learned to Address New Challenges, 30 Oct. to 3 Nov., 2013, Marmaris, Turkey
7. The IWA Regional Symposium on Water, Wastewater and Environment: Traditions and Culture, 22-24 March, 2013, Patras, Greece
8. 40<sup>th</sup> CIESM CONGRESS, 28 Oct. to 1 Nov., 2013, Marseille, France
9. 12<sup>th</sup> International Conference on Protection and Restoration of the Environment, 29 Jun. to 3 Jul, 2014. Skiathos Island, Greece
10. 1<sup>st</sup> International Geo-Cultural Symposium "Kaldera 2014", 6-8 June 2014, Santorini, Greece.

#### **3.2. MEMBERSHIPS IN SCIENTIFIC AND LABOUR SOCIETIES AND EDITORIAL BOARDS**

1. Hellenic Oceanographers' Association/ HOA (President since 2011)
2. Member of the Editorial board of the Journal Continental Shelf Research (since 2006)
3. Geotechnical Chamber of Greece (since 1996)
4. Challenger Oceanography Society (from 1998 to 2008)
5. Hellenic Geographical Association (since 2000, – Member of the board since 2008).
6. Association of Greek Geologists (2000-2004)
7. Association of Greek Geomorphologists (since 2010)

8. Representative of HOA to European Federation for Marine Science (EFMS) (2005-2007)
9. Member of the Hellenic Committee of UNESCO for tsunamis (since 2008).

### 3.3. REVIEWER OF SCIENTIFIC PAPERS AND BOOKS

Since 1998, I have reviewed approximately 38 research articles of various scientific journals belonging to the SSI (see catalogue below). In addition, I have reviewed the book Planet Earth-Hydrosphere of the Greek Open University and more than 15 scientific papers submitted to and presented in the 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup> Pan-Hellenic Geography Congress and the 8<sup>th</sup>, 9<sup>th</sup> Symposium of Oceanography.

JOURNAL	reviews
Annals of Geomorphology	2
<i>Bulletin of the Geological Society of Greece</i>	1
<i>Continental Shelf Research</i>	18
Ecological Engineering	1
<i>Estuarine, Coastal and Shelf Science</i>	1
Environmental Science and Policy	1
Geodynamica Acta	1
Geographies (Greek)	1

Holocene	1
Journal of Geomorphology	
<i>Journal of Marine Systems</i>	2
Marine Geology	1
Mediterranean Marine Science	2
Oceanologica acta	1
Palaiontology	1
Quaternary International	1
Earth Surface Processes and Landforms	1

## 4. RESEARCH ACTIVITIES

### 4.1. INVOLVEMENT IN SCIENTIFIC PROJECTS

Since my first appointment in the University of Athens, in 1998, I have participated, either as Coordinator and/or as Scientific responsible in **25** research projects, **18** of which have been funded or co-funded by the Commission of the European Union. The research projects in which I have been involved as Associate Professor (since 2011) are listed below.

1. 2010-2013: SYNERGASIA 2009, Ministry of Education & in-life learning. The development of new methodology for the quantification and mitigation of the climatic impact on the eastern coast of Crete (AKTAIA), Scientific Responsible for NKUA Assoc. Prof. S. Poulos , budget: 144,000 Euro, duration 36 months (+ 9 months extension).
2. 2011-2014: ‘Study of the hydrodynamic and sedimentological processes of the formation and evolution of the subsurface and costal delta of Acheloos River.’ Programme Heraclitus II: Improving Human Research Resources Support through PhD research Implementation, Operational Programme Educationa & Lifelong Learning, Scientific Responsible for NKUA Assoc. Prof. S. Poulos , duration 36 months, budget: 45,000 EURO
3. 2012-2015: THALIS-UOA- Marine Aggregates: Prospecting and exploitation methods, environmental impact and usage possibilities (MARE), Coordinator Prof. M.

- Stamatakis, Scientific Responsible for the Working Group 2 Assoc. Prof. S. Poulos,, duration 42 months.
4. 2012-2015: THALIS-UOA- An Investigation of the impact of the climate change on river deltas. Case study: The Delta of R.Pinios (Thessaly, Greece) (DAPHNE), Coordinator for NKUA: Assoc. Prof. S. Poulos; budget: 600.000 Euro, duration 42 months
  5. 2012-2015: THALIS-Univ. Aegean- Physical and economic impacts of sea level changes on the island beaches of the Aegean Archipelago (ISLA), Coordinator: Prof. A. Velegrakis (University of Aegean), Scientific Responsible for the 3<sup>rd</sup> Working Group Assoc. Prof. S. Poulos .
  7. 2013: PEOPLE/ Marie Curie Actions: RESEARCHERS' NIGHT 2013, Coordination and support actions (supporting) MAREXPRES:Marine Exploring Researchers (Implementation by NKUA and Hellenic Oceanographers' Association - Coordinator for NKUA: Assoc. Prof. S. Poulos, duration 7 months, NKUA budget 18, 000 Euro.
  8. 2013-2015: SYNERGASIA 2011: Water resources management of coastal agricultural environments resilience of climate change impacts. Scientific responsible for the NKUA: Assoc. Prof. S. Poulos, duration: 27 months, NKUA Budget: 220.000 Euro.
  9. 2013-2015: SYNERGASIA 2011: Synergy for the sustainable development and safety of the Hellenic Tourist Beaches (BeachTour), Coordinator: Assoc. Prof. S.Poulos, duration: 25 months, NKUA Budget: 260.000 Euro
  10. 2013-2015: CIRCLE-MED2 /ADAPT-MED - “Is current decision making ‘adapted to internalize adaptation’ into policy making?”) Coordinated by ACTeon S.A.-France). Scientific Responsible for NKUA : Assoc. Prof. S. Poulos , duration : 24 months ; budget : 24.000 Euro

## 4.2 SHIP-TIME EXPERIENCE

- |                  |  |
|------------------|--|
| June 6-7, 2014   | <u>R/V Aegaio (GR):</u> Marine Geology in NE Evia for the location of Marine Aggregates in the framework of Thalys/Mare Programme  |
| July 9-12, 2013  | <u>R/VAlkyon (GR) :</u> Marine Geology in North (central) Crete for the location of Marine Aggregates in the framework of Thalys/Mare Programme  |
| Jun., 2010       | <u>R/V Filia (GR) Sea bed sedimentology of the northern Cretan shelf (3 days)</u>  |
| Oct. 2004        | <u>R/V Alkor, Baltic Sea ,side-scan sonar profiling (EUMARSAND Research Training Network, University of Kiel)</u>  |
| Feb., 1995:      | <u>R/V. Aegaio (GR).</u> Temperature, salinity, oxygen, suspended matter measurements and current meter data at the Cretan Sea (National Centre for Marine Research, Greece) (3 days). |
| Sep./Oct., 1987: | Weathership <u>RV Cumulus (UK).</u> Thermocline measurements in the NE Atlantic Ocean (Univ. College of Swansea, U.K.) (32 days).  |
| June, 1987:      | <u>R/V.Aegaio (GR):</u> Temperature, salinity, suspended matter measurements and current meter data at the NW Aegean Sea (National Centre for Marine Research, Greece) (7 days).       |
| July, 1986:      | <u>RRS Charles Darwin (U.K.);</u> Water masses and circulation, shallow and deep seismic profiles from the Hellenic Trench, Ionian Sea, Greece (15 days).                              |

## 5. TEACHING ACTIVITIES

### 5.1. COURSES

#### 5.1.1. Undergraduate courses taught at NKUA

1. Geological Oceanography (ex Oceanography – Marine Geology), Obligatory 4<sup>th</sup> semester / Coordinator
2. Applied and Environmental Oceanography (Optional, 5<sup>th</sup> semester)

#### 5.1.2. Post graduate courses taught at NKUA

1. General Oceanography (obligatory course, MSc in Geography and Environment), Responsible
2. Applied Oceanography (optional course, MSc in Geography and Environment) .
3. Coastal Engineering (Optional course, MSc in Oceanography and Management of the Marine Environment.
4. Biogeochemical cycles of the eastern Mediterranean (Optional course, MSC in Oceanography and Management of the Marine Environment.
5. An introduction to Geology and Marine Geology (main course, MSC in Oceanography and Management of the Marine Environment.
6. Management of the Marine Environment, MSC in Oceanography and Management of the Marine Environment.
7. Coastal Management (Lecture: Hydrodynamic analysis of coastal regions,) MSc in Applied environmental Geology
8. Aquatic and terrestrial Ecosystems (Lectures: Coastal systems and Marine systems), MSC in Applied Environmental Geology

#### 5.1.3. Lectures given as Visiting Professor at other universities

##### 1. University of the Aegean

- (a) Beach erosion due to human intervention and climate change, with emphasis on coastal zones’.
- (b) ‘International marine law : A short presentation and application on the Greek Seas’

In the framework of the course ‘Biogeochemical processes in the marine environment’, MSc in Integral Management of Coastal Areas, Department of Marine Sciences, University of the Aegean.

##### 2. Harokopio University

- (a) Management of coastal zone sediments,

In the framework of the Optional course ‘Natural Disasters in the Coastal Zone’, MSc in Applied Geography & Space Management, orientation Management of Natural and Anthropogenic Disasters, Department of Geography, Harokopio University.

## 5.2. THESES (BSc, MSc AND PhD)

- (a) I have supervised **28 BSc dissertations** of the Faculty of Geology and Geoenvironment and jointly supervised 1 of the Department of Marine Sciences (University of the Aegean);
- (b) I have supervised **20 MSc Theses** and have been a member of the 3-membered supervising/examining committee of 21 theses;
- (c) I have supervised **6 PhD theses** (2 completed). I have participated in the 3-membered supervising/advising committee of 9 theses, while I have been a member of the examining committee in 12 theses.

## 5.3. OTHER EDUCATIONAL ACTIVITIES

I have lectured in the following International Schools, workshops and seminars:

- 1 *International School: Coastal Sediment Management* , Porto (Portugal), University of Porto, 12-16 Sept., 2005 (Lecture: . Coastal Sediment Erosion)
- 2 International Educational Seminar: **Application in Geomorphology: Theory and Practice**. Educational Seminars organised by the Harokopio University, 13-18 Dec., 2007, Athens, Greece (Field course in Marathonas Bay).
- 3 International Educational Seminar: *Methodological approaches in Geoarchaeology*, 22-25 June, 2008, Porto Heli, Argolis, Greece (Lecture: Coastal landscapes: Processes, formation & evolution).
- 4 International Summer-school: **Building Stones of the Antiquity – Geomorphological evolution of the western Crete during Holocene**, 25-29 August , 2011, **Kissamos**, Chanea Crete, Lecture: Sea level changes
- 5 International Summer-school: **Geological Setting, Mineral Resources and ancient works of Samos and adjacent islands of the Aegean Sea**, 26-30 August 2013, Karlovassi, Samos Island, Greece (Lecture: Sea level change: past, present and future)

## 6. PUBLICATIONS

### ***BSc Thesis (unpublished):***

Poulos et al., 1983. Coastal and oceanographic study of the region between Malakonta and Eretria of the south Evoikow Gulf. Faculty of Geology, University of Athens, 78p.

### ***PhD thesis (unpublished):***

Poulos S.E., 1989. "Deltaic sedimentation in the microtidal environment of the Greek waters". Unpublished Ph.D Thesis, University of Wales, UK, 434p.)

## 6.1. PUBLICATIONS

My published work is presented in Table 1, while the full-reference lists follow.

**Table 1. Published papers, chapetrs in Books, abstracts and posters**

	<b>Assoc. Professor</b>	<b>Total</b>
A. International and national peer reviewed journals.	13	61
B. Scientific papers and invited chapters in scientific publications	3	10
C. Full papers in International and Hellenic Conferences, Congresses and Symposia	18	78
D. Abstracts, extended abstracts and posters	8	29
E. Scientific Articles in Greek and international Publications	1	5
F. Course notes	0	1
<b>Total</b>	<b>43</b>	<b>184</b>

### **A. INTERNATIONAL AND HELLENIC PEER REVIEWED JOURNALS.**

1. **Poulos S.E.**, Collins M.B. and Ke X., 1993. Fluvial/wave interaction controls on delta formation for ephemeral rivers discharging into microtidal waters. Geo-Marine Letters, 13: 24-31.
2. **Poulos S.E.**, Papadopoulos A. and Collins M.B., 1994. Deltaic progradation in Thermaikos Bay, northern Greece and its Socio-Economical Implications. Ocean and Shoreline Management, 22, 229-247.
3. **Poulos S.E.** and Collins M.B., 1994. Effluent diffusion and sediment dispersion at microtidal river mouths, predicted using mathematical models. Estuarine, Coastal and Shelf Science, 38, 189-206.
4. Ke X., Collins M.B. and **Poulos S.E.**, 1994. Velocity structures and sea bed roughness associated with intertidal (sand and mud) flats and saltmarshes of the Wash, U.K. Journal of Coastal Research, 10(3), 702-715.
5. **Poulos S.E.**, Lykousis V. and Collins M.B., 1995. Late Quaternary evolution of Amvrakikos Gulf, western Greece. Geo-Marine Letters, 15, 9-16.
6. **Poulos S.**, Collins M.B. and Shaw H., 1996. Deltaic sedimentation, including clay mineral deposition patterns associated with small mountainous rivers and shallow marine embayments of Greece (SE Alpine Europe). Journal of Coastal Research, 12(4), 940-952.
7. **Poulos S.E.**, Collins M.B. and Evans G., 1996. Water-sediment fluxes of Greek rivers, southeastern Alpine Europe: annual yields, seasonal variability, delta formation and human impact Zeitschrift fur Geomorphologie, 40(2), 243-261.
8. **Poulos S.E.**, Collins M.B., Pattiaratchi C., Cramp A., Gull W., Tsimplis M., Papatheodorou G., 1996. Oceanography and sedimentation in the semi-enclosed, deep-water Gulf of Corinth (Greece). Marine Geology, 134, 213-235.
9. Ke X., Collins M.B., **Poulos S.E.**, 1996. Reply to the comments of Bernard O., Bauer et al. (1995) on Velocity structure and Sea Bed Roughness associated with intertidal (sand and mud) flats and saltmarshes of the Wash, U.K. Journal of Coastal Research, 12(4), 1051-1053.

10. **Poulos S.E.**, Drakopoulos P. and Collins M.B., 1997. Seasonal variability in the oceanographic conditions in the Aegean Sea (eastern Mediterranean): An overview. Journal of Marine Systems, 13(1-4), 225-244.
11. **Poulos S.E.**, Leontaris S., Collins M., 1997. Sedimentological and clay mineralogical investigations in Maliakos Gulf, eastern Greece. Boletino di Geofisica, 38 (3-4): 267-280.
12. **Poulos S.E.**, Collins M.B. and Leontaris S., 1998. Hydrological and dynamical characteristics of the River Louros Plume, western Greece. Boletino di Geofisica, 39(2): 125-144.
13. **Poulos S.E.**, 1998. Coastal Zone: Natural Environment, socio-economic activities and human intervention. Geotechnical Scientific Issues 9(3): 104-109.
14. **Poulos S.E.**, Lykousis V., Rohling I., Collins M.B., and Pattiaratchi C., 1999. Sedimentation processes in a tectonically active environment: the Kerkyra-Kefalonia submarine valley system (NE Ionian Sea), Journal of Marine Geology, 160, 25-44.
15. Georgopoulos D., Chronis G., Zervakis V., Lykousis V., **Poulos S.** and Iona A., 2000. Hydrology and circulation in the Southern Cretan Sea during the CINCS experiment (May 1994-September 1995). Progress in Oceanography, 2-4, 89-112.
16. Chronis G., Lykousis V., Anagnostou C., Karageorgis A., Stavrakakis S. and **Poulos S.**, 2000. Sedimentological processes in the southern margin of the Cretan Sea (NE Mediterranean). Progress in Oceanography, 2-4, 143-162.
17. Chronis G., Lykousis V., Georgopoulos D., **Poulos S.**, Stavrakakis S., 2000. Suspended particulate matter and nepheloid layers over the southern margin of the Cretan Sea (NE Mediterranean): seasonal distribution and dynamics. Progress in Oceanography, 2-4, 163-186
18. **Poulos S.E.**, Chronis G., Collins M., Lykousis V., 2000. Thermaikos Gulf Coastal-System, NW Aegean Sea: An overview of water/sediment fluxes in relation to air-land-ocean interactions and human activities. Journal of Marine Systems, 25, 47-76.
19. **Poulos S.E.**, 2001. The contribution of near-bed currents to modern sedimentation processes in the deep waters of the Hellenic Arc-Trench system, eastern Mediterranean, GeoMarine Letters, 20, 201-208
20. **Poulos S.E.** and Chronis G. Th., 2001. Coastline changes in relation to longshore sediment transport and human impact, along the coastline of Kato Achaia (NE Peloponnese, Greece). Mediterranean Marine Science, 2(1): 5-13.
21. **Poulos S.E.** and Collins M.B., 2002. Fluvial sediments fluxes to the Mediterranean Sea: a quantitative approach and the influence of dams. (In:) Jones S.J. & Frostick L.E. (eds) Sediment Flux to Basins: Causes, Controls and Consequences. Journal of the Geological Society of London, Special Issue 191, 227-245
22. **Poulos S.E.**, Voulgaris G., Kapsimalis V., Collins M. and Evans G. 2002. Sediment fluxes and the evolution of a riverine-supplied tectonically-active coastal system: Kyparissiakos Gulf, Ionian Sea (eastern Mediterranean). (In:) Jones S.J. & Frostick L.E. (eds) Sediment Flux to Basins: Causes, Controls and Consequences. Journal of the Geological Society of London, Special Issue 191, 247-266.
23. **Poulos S.E.**, Kapsimalis V., Tziavos C., Pavlakis P., Leivaditis G. & Collins M.B., 2005. Sea-level stands and Holocene geomorphological evolution of the northern deltaic margin of Amvrakikos Gulf (western Greece). Z. Geomorphologie N.F., 137, 125-145.

24. Psomiadis E., Parcharidis I., **Poulos S.**, Stamatis G., Migiros G. & Pavlopoulos A., 2005. Earth observation data in seasonal and long term coastline changes monitoring the case of Sperchios river delta (central Greece). Z. Geomorphologie N.F., 137, 159-175.
25. Kapsimalis V., **Poulos S.E.**, Karageorgis A.P., Pavlakis P. Collins M., 2005. Recent evolution of a Mediterranean deltaic coastal zone: human impacts on the Inner Thermaikos Gulf, NW Aegean Sea. Journal of the Geological Society, London, 162: 897–908.
26. Kapsimalis V., Pavlakis P., **Poulos S.**, Alexandri S., Tziavos Ch., Sioulas A., Filippas D., Lykousis V., 2005. Internal structure and evolution of the Late Quaternary sequence in a shallow embayment: The Amvrakikos Gulf, NW Greece. Marine Geology, 222-223, 399-418.
27. Karditsa A., **Poulos S.**, Maroukian H. and Ghionis G., 2006. Seabed morphological changes related to the expansion works of the Alexandroupolis harbour (NE Aegean Sea). Bulletin of the Geological Society of Greece, XXXIX/III, 156-161.
28. Alexandrakis G., **Poulos S.**, Ghionis G., and Leivaditis G.<sup>1</sup>, 2006. A morphological study of a reef with beachrock characteristics, in association with the recent evolution of the Ammoudara beach zone (Heraklion, Crete). Bulletin of the Geological Society of Greece, XXXIX/III, 146-155.
29. Bouziotopoulou N., Ghionis G. and **Poulos S.**, 2006. Morphological changes in the shore zone of Gouves-Gournes (N.Crete) due to alterations of its sediment budget caused by human activities. Bulletin of the Geological Society of Greece, XXXIX/III, 135-145.
30. Kanellopoulos T.D., Kapsimalis V., **Poulos S.E.**, Angelidis M.O., Karageorgis A.P., & Pavlopoulos K., 2008. The influence of the Evros River on the recent sedimentation of the inner shelf of the NE Aegean Sea. Environmental Geology, 53, 1455-1464.
31. **Poulos S.E.**, Kapsimalis V., Tziavos Ch. & Paramana Th., 2008. Origin and distribution of surface sediments and human impacts on recent sedimentary processes. The case of the Amvrakikos Gulf (NE Ionian Sea). Continental Shelf Research, 28(20), 2736-2745.
32. Diamantopoulou E., Dassenakis M., Kastritis A., Tomara V., Paraskevopoulou V., **Poulos S.**, 2008. Seasonal fluctuations of nutrients in a hypersaline Mediterranean lagoon. Desalination, 224: 271-279.
33. Alexouli-Livaditi A., **Poulos S.E.**, Livaditis G., Andris P., Pomoni F., 2008. An investigation of natural processes and human impact in the coastal area surrounding the ancient harbor of Kechreai (Saronikos Gulf). Bulletin of the Geological Society of Greece vol. XLII/II, pp. 1-5.
34. Eleftheriou K., Evelpidou N., **Poulos S.**, Andris P., Vassilopoulos A., 2008. An investigation of the evolution of the beach zone of the St. Georgios bay (Naxos island, Aegean Sea), in relation to its morphological and hydrodynamic characteristics. Bulletin of the Geological Society of Greece vol. XLII/II, pp. 14-22.
35. Milovanovic M., Parharidis I., Vasilakis E. & Poulos S., 2008. Study of the horizontal changes of the strip of land separating Korissia lagoon from the open sea using remote sensing methods. Bulletin of the Geological Society of Greece vol. XLII/I, pp. 114-118.
36. Verykiou-Papaspyridakou E., Andris P.D., **Karditsa A.**, Alexandrakis G., Poulos S.E. & Ghionis G., 2008. Study of the beachrock formations in the Gyrapetra region of the Lefkada island. Bulletin of the Geological Society of Greece vol. XLII/I, pp. 105-113. <http://geolib.geo.auth.gr/ojs-2.2.2/index.php/bgsg/article/view/4608/4423> .
37. Bleta A., Evelpidou N., Andris P.D., **Karditsa A.**, Markakis E. & Poulos S.E., 2008. A comparative study of the morphological and sedimentological characteristics of the beach

zones of the Tigani and Mikalis bays of the SE Samos island. Bulletin of the Geological Society of Greece vol. XLII/I, pp. 70-78. <http://geolib.geo.auth.gr/ojs-2.2.2/index.php/bgsg/article/view/4604/4419>

38. **Poulos, S.E.**, 2009. Origin and distribution of the terrigenous component of the unconsolidated surface sediment of the Aegean floor A synthesis. Continental Shelf Research, 29(16), 2045–2060.
39. **Poulos, S.E.**, Ghionis G. & Maroukian H., 2009. Sea-level rise trends in the Attico-Cycladic region (Aegean Sea) during the last 5000 years. Geomorphology, 107(1-2), 10-17.
40. **Poulos, S.E.**, Ghionis G. & Maroukian H., 2009. The consequences of a future eustatic sea-level rise on the deltaic coasts of Inner Thermaikos Gulf (Aegean Sea) and Kyparissiakos Gulf (Ionian Sea), Greece. Geomorphology, 107(1-2), 18-24.
41. **Poulos S.E.**, Dounas C.G., Alexandrakis G., Koulouri P & Drakopoulos P., 2009. Trace metal distribution in sediments of northern continental shelf of Crete Island, Eastern Mediterranean. Environmental Geology, 58, 843-857.
42. **Poulos S.E.**, Alexopoulos J.D., Karditsa A., Giannia P., Gournelos T., & Livaditis G., 2009. Formation & evolution of Ververonda Lagoon (Porto Heli Region, SE Argolic Gulf) during historical times, on the basis of geophysical data and archeological information. Zeitschrift fur Geomorphologie, 53(1), 151-168.
43. Koutsomichou I., **Poulos S.E.**, Evelpidou N., Anagnostou C., Ghionis G. & Vasilopoulos A., 2009. The role of beach rock formations in the evolution of embayed coastal zones of Attica (Greece) in relation to sea level rise. The case of Kalyvia beach zone. Geografica Fisica Dinamica Quaternaria, 32 , 49-56.
44. Evelpidou N., Vasilopoulos A., Leonidopoulou D., **Poulos S.**, 2009. An investigation of the coastal erosion causes in Samos island, eastern Aegean sea. Journal Landscape Ecology, 6(3), 295-310.
45. Velegrakis A., Ballay A., **Poulos S.**, Radzevicius R., Bellec V., Manso F., 2010. European marine aggregates resources: Origins, usage, prospecting and dredging techniques. Journal of Coastal Research, 51, 1-14.
46. **Poulos S.** and Ballay A., 2010. Grain-Size Trend Analysis for the Determination of Non-Biogenic Sediment Transport Pathways on the Kwinte Bank (southern North Sea), in Relation to Sand Dredging. Journal of Coastal Research, 51, 87-92.
47. Alexandrakis G., **Poulos S.**, Petrakis S. & Collins M., 2010. The development of a Beach Vulnerability Index (BVI) for the assessment of erosion in the case of the North Cretan Coast (Aegean Sea). Hellenic Journal of Geosciences, 45, 11-22
48. Gaki-Papanastassiou K., E. Karymbalis, **S.E. Poulos**, A. Seni & Ch. Zouva, 2010. Coastal vulnerability assessment to sea-level rise based on geomorphological and oceanographical parameters: the case of Argolikos Gulf, Peloponnese, Greece. Hellenic Journal of Geosciences, 45, 109-121.

In the position of Associate Professor

49. **Poulos S.E.**, Gaki-Papanastasiou K., Gialouris P., Ghionis G., Maroukian H., 2012. A geomorphological investigation of the formation and evolution of the Kaiafas sand-dune field (Kyparissiakos Gulf, Ionian Sea, eastern Mediterranean) in the Late Holocene. Environmental Earth Science, 66 (3), 955-966
50. **Poulos, S.E.**; Plomaritis, T.A.; Ghionis, G.; Collins, M.B., and Angelopoulos, C., 2013. The role of coastal morphology in influencing sea level variations induced by meteorological

- forcing in microtidal waters: examples from the Island of Crete (Aegean Sea, Greece). *Journal of Coastal Research*, 29(2), 272–282.
51. Karditsa, A. and **Poulos, S.E.**, 2013. Sedimentological investigations in a tideless river-influenced coastal embayment: The case of inner continental shelf of the NE Aegean Sea. *Cont. Shelf Res.*, 55, 86-96
  52. Ghionis G., **Poulos S.E.** and Karditsa A., 2013. Deltaic coastline retreat due to dam construction: The case of the River Alfios mouth area (Kyparissiakos Gulf, Ionian Sea). *Journal of Coastal Research*, 65(SI), 2119-2124
  53. Alexandrakis G., Ghionis G., **Poulos S.**, 2013. The effect of beach rock formation on the morphological evolution of a beach. The case study of an eastern Mediterranean beach: Ammoudara, Greece. *Journal of Coastal research* 69(SI), 47-59.
  54. Petrakis, S., **Alexandrakis, G.** & Poulos, S. (2013). Recent and future trends of beach zone evolution in relation to its physical characteristics: the case of the Almiros bay (island of Crete, South Aegean Sea). *Global Nest* 16, 104 – 113.
  55. Alexandrakis G. and **Poulos S.**, 2014. An holistic approach to beach erosion vulnerability assessment. *Scientific Reports*, / 4 : 6078 (DOI: 10.1038/srep06078)
  56. Karditsa A., **Poulos S.E.**, Botsou F., Alexakis D. and Stamatakis M., 2014. "Investigation of major and trace elements distribution pattern and pollution status of the surficial sediments of a microtidal inner shelf influenced by a transboundary river. The case of the Alexandroupolis Gulf (northeastern Aegean Sea, Greece)." *Journal of Geochemical Exploration* (accepted 08/2014).
  57. Monioudi I.N., Karditsa A., Chatzipavlis A., Alexandrakis G., Andreadis O.P, Velegrakis A.F., **Poulos S.E.**, Ghionis G., Petrakis S., Sifnioti D., Hasiotis T., Lipakis M., Kampanis N. and Marinos E., 2014. Assessment of the vulnerability of the eastern Cretan beaches (Greece) to sea level rise. *Regional Development Change* (accepted 07/2014)
  58. **Drakopoulos P.G** \*, Ghionis<sup>2</sup> G., Lazogiannis<sup>2</sup> K., Poulos<sup>2</sup> S.E., 2014. Wet and dry sand spectral signatures as a tool for the precise shoreline detection and extraction from remotely sensed images. *Fresenius Environmental Bulletin* (in press)
  59. Poulos S.E., Ghionis G., Verykiou E., Roussakis G., Sakellariou D., Karditsa A., Alexandrakis G., Petrakis S., Sifnioti D., Panagiotopoulos I.P., Andris P., Georgiou P, 2014. An insight to the processes controlling the formation and evolution of a barrier beach in a tectonic active region (Lefkada Island, Ionian Sea). *GeoMarine Letters* (accepted with moderate revision)
  60. Valaouris A., Poulos S., Petrakis S., Alexandrakis G., Vassilakis E and Ghionis G., 2014. Processes affecting recent and future morphological evolution of the Xylokastro beach zone (Gulf of Corinth, Greece). *GNEST*, (in press)
  61. Ghionis G., Poulos S.E., Verykiou E., Karditsa A., Alexandrakis G. and Andris P., 2014. The Impact of an Extreme Storm Event on the Barrier Beach of the Lefkada Lagoon, NE Ionian Sea (Greece). *Mediterranean Marine Science* (under revision)

## **B. FULL PAPERS AND INVITED CHAPTERS IN SCIENTIFIC PUBLICATIONS**

1. **Poulos S.** & Chronis G., 1997. "The Importance of the Greek River Systems in the Evolution of the Greek coastline" - *In*: Transformations and evolution of the Mediterranean coastline, F. Briand and A. Maldonado (Eds), *CIESM Science Series n° 3*, Bulletin de l'Institut oceanographique, Monaco, n° 18, pp. 75-96.
2. **Poulos S.**, Alexandrakis G., Paramana T. and Karditsa A., 2007. Tsunamis affecting Greece in ancient and modern times. *Ocean Challenge*, 15(1), 31-37.

3. **Poulos S.** and Collins M., 2007. Riverine freshwater fluxes, in the case of Mediterranean and Black Seas. (In:) M. Snoussi and F. Briand, Fluxes of small and medium-size Mediterranean Rivers: Impact on Coastal Seas, Special Publication of the 30<sup>th</sup> CIESM Workshop, 29/3-1/4, 2006, Trogir, Croatia, pp. 35-40.
4. Collins M. and **Poulos S.**, 2007. Fluvial sediment fluxes in the case of the Mediterranean and Black Seas, in relation to coastal evolution: a comparison. (In:) M. Snoussi and F. Briand, Fluxes of small and medium -sized Mediterranean Rivers: Impact on Coastal Seas, Special Publication of the 30<sup>th</sup> CIESM Workshop, 29/3-1/4, 2006, Trogir, Croatia, pp. 40-46.
5. Evelpidou N., **Poulos S.E.**, Vassilopoulos A., 2009. Paros Island (Cyclades, Aegean Sea) Coastal Zone: Natural Processes and Dynamics. (In:) D.R. Green (editor), Coastal and Marine Geospatial Technologies, Springer, London, pp.285-296.
6. Gournelos Th., Evelpidou N., Vassilopoulos A., **Poulos S.E.**, 2009. Structural Control of Geomorphological Evolution of Meganissi Island (Ionian Sea) Coastal Zone and natural hazard risk detection based on fuzzy sets. (In:) D.R. Green (editor), Coastal and Marine Geospatial Technologies, Springer, London, 305-314

In the position of Associate Professor

7. Alexandrakis G., Karditsa A., **Poulos S.**, Ghionis G., Kampanis N.A.. (2010). An assessment of the vulnerability to erosion of the coastal zone due to a potential rise of sea level: The case of the Hellenic Aegean coast. In Environmental Systems, [Ed. Achim Sydow], In: Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK.
8. **Poulos S.E.**, 2011. An insight to the fluvial characteristics of the Mediterranean and Black Sea watersheds. Proceedings of the 9<sup>th</sup> International Hydrogeological Congress of Greece, 4th MEM Workshop on the Hydrology of fissured Rocks, 5-8 Oct., 2011, Kalavrita, Greece, (In): Lambrakis N., Stournaras G., Katsanou K. (eds) Advances in the Research of Aquatic Environment, Environmental Earth Sciences, Springer-Verlag, Berlin. vol. 1, pp. 191-198.
9. Zerefos C., Repapis C.,.....**Poulos S.**, ....Repapis K., 2011. The environmental, Economical and social impacts of climate change in Greece. Commission for the Study of the Climate change impact, Bank of Greece, June 2011, Chapter 1, pp. 1-136 (ISBN 978-960-7032-49-2)
10. Alexandrakis G. Ghionis G., **Poulos S.**, and Kampanis N.A., 2013. GREECE, (In:) Coastal Erosion and Protection in Europe: A Comprehensive Overview, E. Pranzini, A. T. Williams (Eds.), EARTHSCAN Ltd, London, UK, 355-377.

***C. SCIENTIFIC PAPERS IN INTERNATIONAL AND HELLENIC CONFERENCES,  
CONGRESSES AND SYMPOSIA***

1. **Poulos S.E.** & Drakopoulos P.G., 1997. Heat budget and water balance of the Aegean Sea. Proceedings of the 5<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Kavala, 15-18/4/'97, pp. 315-318. (In Greek with an English abstract)
2. **Poulos S.E.** & Panagiotopoulos I., 1997. The role of currents in the erosion of the seabed sediments of Thermaikos Gulf and Zakynthos Strait. Proceedings of the 5<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Kavala, 15-18/4/'97, pp. 399-402. (In Greek with an English abstract)
3. **Poulos S.E.**, 1997. Sediment yield of Greek rivers. Proceedings of the 5<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Kavala, 15-18/4/'97, pp. 481-482. (In Greek with an English abstract)

4. Chronis Th. G., **Poulos S.** and Takvor H.S., 1998. POSEIDON: Marine, Environmental Monitoring Forecasting and Information System for Greek Waters. Oceans'98, IEEE Oceanic Engineering Society Conference Proceedings, Nice 28/9-1/10-1998, 3, 1529-1530.
5. Soukissian H.T., Chronis G. and **Poulos S.**, 1998. Development of operational oceanography in Greece by means of the POSEIDON System. Oceans'98, IEEE Oceanic Engineering Society Conference Proceedings, Nice 28/9-1/10-1998, 3, 1155-1159.
6. Lykousis V., Zervakis V., **Poulos S.**, Georgopoulos D. and Chronis G., 1998. Hydrology and associated SPM distribution over the northern margin of the island of Crete. The XXXV<sup>th</sup> Congress of the International Commission for the Scientific Exploration of the Mediterranean Sea (CIESM), Dubrovnik (Croatia) 1-5 June 1998. Rapport Commission Internationale Mer Mediterranee, 35(1), 168-169.
7. Drakopoulos P., **Poulos S.** and Lascaratos A., 1998. Buoyancy fluxes in the Aegean Sea. The XXXV<sup>th</sup> Congress of the International Commission for the Scientific Exploration of the Mediterranean Sea (CIESM), Dubrovnik (Croatia) 1-5 June 1998. Rapport du Commision Internationale Mer Mediterranee, 35(1), 134-135.
8. **Poulos S.**, 1999. Coastal zone as part of a broader geographical area: the Coastal System. Proceedings of the 5<sup>th</sup> PanHellenic Geographical Congress, Athens, 11-13/11/1999, pp. 549-557. (In Greek with an English abstract)
9. **Poulos S.**, 1999. The role of dams in freshwater and sediment supply of the Greek coastal zone. 5<sup>th</sup> PanHellenic Geographical Congress, Athens, 11-13/11/1999, pp. 600-607. (In Greek with an English abstract)
10. Vasilopoulos A., Evelpidou N., **Poulos S.**, 2000. Coastal geomorphological characteristics & land-use of Ithaki Island, using GIS techniques. Proceedings of the 6<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Chios, 23-26/5/2000, pp. 570-572. (In Greek with an English abstract)
11. **Poulos S.E.**, Drakopoulos P.G., Leontaris S., Tsapakis E. and Hatjiyianni E., 2001. The contribution of tidal currents in the sedimentation of the strait of Avlida, southern Evoikos Gulf (Greece). Proceedings of the 10<sup>th</sup> International Congress of the Hellenic Geological Society, XXXIV/2, 731-736. (In Greek with an English abstract)
12. Drakopoulos P. and **Poulos S.E.**, 2002. A study of the seasonal fluctuation of the suspended particulate matter in the Rio-Antirio Strait, with the use of optical methods. Proceedings of the 6<sup>th</sup> Pan-Hellenic Geographical Conference, Thessaloniki, 3-6/10/2002, 1, 62-69.
13. Kapsimalis V., Karageorgis A. and **Poulos S.E.**, 2002. Determination of long-term morphological changes in a human affected coastal system using GIS, inner Thermaikos Gulf, Greece. Proceedings of the 6<sup>th</sup> PanHellenic Geographical Conference, Thessaloniki, 3-6/10/2002, vol I, pp. 115-122
14. **Poulos S.**, Maroukian X., Leontaris S.N., Neofotistos D & Rouskas G., 2002. Natural processes and human interference in the evolution of the shore zone of Dilesi (south Evoikos Gulf). Proceedings of the 6<sup>th</sup> PanHellenic Geographical Conference, Thessaloniki, 3-6/10/2002, I, 296-303. (In Greek with an English abstract)
15. **Poulos S.E.**, Dounas K., Petichakis G., 2002. Study of the sedimentological and hydrological conditions of the Gournes shorezones (Provence of Heraklio, Crete). Proceedings of the 6<sup>th</sup>

- PanHellenic Geographical Conference, Thessaloniki, 3-6/10/2002, I, 304-311. (In Greek with an English abstract)
16. Skreta A., Leivaditis G and **Poulos S.E.**, 2002. Geomorphological evolution of the coastal zone of Aigialias during the upper Holocene: natural processes and human interference. Proceedings of the 6<sup>th</sup> PanHellenic Geographical Congress, Thessaloniki, 3-6/10/2002, II, 485-492. (In Greek with an English abstract)
  17. **Poulos S.**, Iordanis K., Gourdoubas I. And Pavlopoulos K., 2004. The sedimentary environment of the shore zone of the Sxinias Bay (Marathonas Gulf). Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A, 238-245. (In Greek with an English abstract)
  18. **Poulos S.**, Skoubri M., Kiamou V. & Myronidou P., 2004. Study of the sedimentological and oceanographical conditions of the beach zone of Agia Anna – Krya Vrissi (NE Evia). Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A, 197-204. (In Greek with an English abstract)
  19. Drakopoulos P., **Poulos S.E.**, Banks A., Alexandrakis G., Christodoulou K & Pantazoglou F., 2004. The influence of waves and coastal currents on the sedimentation processes at the island of Gavdos seabed (Karave port area). Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A., 191-196. (In Greek with an English abstract)
  20. Ghionis G., **Poulos S.E.**, Bouziotopoulou N. & Dounas K., 2004. The role of a natural submerged breakwater in controlling the hydrodynamic and sedimentological conditions of Ammoudara beach (Herakio, Crete). Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004., A, 436-443. (In Greek with an English abstract)
  21. Ghionis G., **Poulos S.E.**, Gialouris P. & Giannopoulos Th., 2004. Recent morphological evolution of the deltaic coast of R. Alfios, due to natural processes and human impact. Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A, 302-308. (In Greek with an English abstract)
  22. Verykiou-Papaspyridakou E., Leivaditis G., **Poulos S.** and Katopoulos N., 2004. Recent changes along the beach zone of agios Nikitas (Lefkada Isl.): Natural processes and human impact. Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A, 175-182. (In Greek with an English abstract)
  23. Verykiou-Papaspyridakou E., Kostopoulou Z., Leivaditis G. & **Poulos S.E.**, 2004. Vlichos Bay (Lefkada island): natural environment and human impact. Proceedings of the 7<sup>th</sup> PanHellenic Geographical Congress, Mytilini, 14-17/10/2004, A, 183-190. (In Greek with an English abstract)
  24. **Poulos S.E.**, Leivaditis G. and Deligianni Ch., 2004. The surficial sediments of the Aegean Sea: origin and distribution. Proceedings of the 5<sup>th</sup> International Symposium on Eastern Mediterranean Geology, 14-20/3/04, Thessaloniki (Greece), 3, 1362-1364.
  25. **Poulos S.E.** and Drakopoulos P.G., 2004. Current activity in the Thermaikos gulf continental margin, in relation to modern sedimentation processes. Proceedings of the 10<sup>th</sup> International Congress of the Geological Society of Greece, 14-20/3/04, Thessaloniki (Greece), XXXVI/2, 1103-1110.
  26. Psomiadis E., Migiros G., Parcharidis I. ,**Poulos S.**, 2004. Short period change detection of Sperchios Lower Delta area using space radar images. Proceedings of the 10<sup>th</sup> International

Congress of the Geological Society of Greece, 14-20/3/04, Thessaloniki (Greece), XXXVI/2, 919-925.

27. Nastos P., **Poulos S.E.** & Nikolakis D., 2005. The relationship between precipitation and runoff in the case of sub-basins of the R. Kalamas (Thiamis). Proceedings of the 7<sup>th</sup> Hellenic Hydrogeological Conference, 2005, Athens, pp. 375-382. (In Greek with an English abstract)
28. **Poulos S.** and Alexandrakis G., 2005. Seasonal fluctuation of the suspended sediment yield of parts of Greek river catchments and its relation to the corresponding values of water yield. Proceedings of the 7<sup>th</sup> Hellenic Hydrogeological Conference, 2005, Athens, pp. 437-444. (In Greek with an English abstract)
29. **Poulos S.E.**, 2006. Clay mineral distribution patterns in the surficial seabed sediments of the Aegean Sea: an overview of existing data sets and information. Proceedings of the 8<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 6/06, Thessaloniki, vol.1, pp. 165-169. (In Greek with an English abstract)
30. Karditsa A., **Poulos S.**, Paraskevopoulou V. & Dasenakis M., 2006. Recent sedimentology and heavy metal distribution patterns in the region of the Harbour of Alexandroupolis. Proceedings of the 8<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 6/06, Thessaloniki, vol.1, pp. 279-282. (In Greek with an English abstract)
31. Nastos P., Drakopoulos P., Ghionis G. & **Poulos S.E.**, 2006. A study of the relationship between the sea surface temperature and meteorological parameters in the shallow water conditions: Gouves-Heraklio, Crete. Proceedings of the 8<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 6/06, Thessaloniki, vol.1, pp. 727-731. (In Greek with an English abstract)
32. Alexandrakis G., Dounas K, & **Poulos S.E.**, 2006. The relation between the grain-size and heavy metal concentrations in the surficial bottom sediments of the Gulf of Heraklio, Crete. Proceedings of the 8<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 6/06, Thessaloniki, vol.1, pp. 739-743. (In Greek with an English abstract)
33. Ghionis G., Drakopoulos P., **Poulos S.E.** & Nastos P., 2006. Development of a new system for the monitoring environmental parameters of the coastal zone. Proceedings of the 8<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 6/06, Thessaloniki, vol.1, pp. 721-725. (In Greek with an English abstract)
34. Paramana T., Dassenakis M., Paraskevopoulou V., Kastritis A. & **Poulos S.**, 2006. Environmental study in the Moustos lagoon (Astros, E. Peloponnesus). Conference on the protection and restoration of the environment VIII (session: Water Resources and Engineering Management), Chania 3-7/7/2006, pp. 355-356.
35. Drakopoulos P., Dounas C., Nomikos C., **Poulos S.**, Stefanou E. Thanos I. and Zervakis V., 2007. A transmittance and fluorescence meter for environmental monitoring. Proceedings of the International Conference on Environmental Management, Engineering, Planning and Economics, Skiathos, June 24-28, 2007, pp. 2633-2638.
36. Alexopoulos J.D., Tomara V., Vassilakis E., Papadopoulos T.D., Dassenakis M., **Poulos S.**, Voulgaris N., Dilalos S., Ghionis G., Goumas G. and Pirlis E., 2007. A contribution to environmental research of the Korissia coastal wetland (Corfu Isl., Greece) with the application of combined geological and geophysical methods supported by geographic information systems.

- Proceedings of the 11<sup>th</sup> International Congress of the Geological Society of Greece, Athens, 26/5/2007, vol. XXXX(4), pp.1892-1903.
37. Foutrakis P., **Poulos S.**, Maroukian X. and Livaditis G., 2007. A study of the deltaic coast morphometry of River Pinios in relation to its hydro-& sediment dynamics. Proceedings of the 11<sup>th</sup> International Congress of the Geological Society of Greece, Athens, 26/5/2007, vol. XXXX(4), pp. 1522-1529.
  38. Karamousalis Th., **Poulos S.**, Maroukian H. and Ghionis G., 2007. Geomorphological characteristics of the sand dune field of the central Kyparissiakos Gulf. Proceedings of the 11<sup>th</sup> International Congress of the Geological Society of Greece, Athens, 26/5/2007, vol. XXXX(4), pp. 1530-1537.
  39. **Poulos S.**, Alexandrakis G., Karditsa A., & Drakopoulos P., 2007. Heavy metal investigation, as pollutant indicators, in bottom sediments, in the harbours Heraklion and Alexandroupolis (Aegean Sea, Greece). Proceedings of the 10<sup>th</sup> International Conference on Environmental Science and Technology (CEST-2007), Kos Island, Greece, 5-7/9/2007, B634-B641.
  40. Drakopoulos P.G., Chandrinou A., Dounas C., Nomikos C., **Poulos S.**, Thanos I., Zervakis V., 2007. An inexpensive transmittance and fluorescence meter. Proceedings of the 10<sup>th</sup> International Conference on Environmental Science and Technology, (CEST 2007), Kos, Greece. 5-7/9/2007, B120-B126.
  41. Botsou F., **Poulos S.E.**, Dasenakis M., Skoullou M., 2008. An assessment of the runoff of the R. Asopos (Biotia) to the south Evoikos Gulf. Εκτίμηση της επιφανειακής απορροής του Βοιωτικού Ασωπού στον Ν. Ευβοϊκό Κόλπο. Proceedings of the 8<sup>th</sup> International Hydrogeological Congress, 8-10/10/2008, Athens, 2, 641-650.
  42. **Poulos S.E.** 2009. A review of the role of the fluvial sediment fluxes into the Black Sea. Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, vol. I, pp. 53 – 58. (In Greek with an English abstract)
  43. Nastos P. & **Poulos S.E.**, 2009. An investigation of the interannual variability of the sea surface temperature of the Aegean Sea in relation to air temperature. Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, vol. I, pp. 405-410. (In Greek with an English abstract)
  44. Sperelaki M. & **Poulos S.E.**, 2009. An investigation of the hydrological budget of the Gulf of Corinth. Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, vol. I, pp. 479-483. (In Greek with an English abstract)
  45. Alexandrakis G., Karditsa A., **Poulos S.E.**, Ghionis G., Kampanis N., 2009. An assessment of the vulnerability of the coasts of the Aegean Sea due to sea level rise. Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, vol. I, pp. 327-332. (In Greek with an English abstract)
  46. Bleta A., Andris P., Karditsa A., Evelpidou N., **Poulos S.E.**, Leivaditis G., 2009. A study of the erosion of the beach zones of the N-NW coast of Samos Island. Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, I, pp. 184-189. (In Greek with an English abstract)
  47. **Poulos S.E.**, Sperelaki M., Drakopoulos P., 2009. A study of suspended sediment distribution in the Korinthiakos Gulf with the use of optical methods. Proceedings of the 9<sup>th</sup> PanHellenic

- Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, I, pp. 38-42. (In Greek with an English abstract)
48. Karditsa A., Mamidis N., **Poulos S.E.**, Sylaios G., 2009. Modern sedimentology of the inner continental shelf of the Thrace Pelagos (Alexandroupoli Gulf). Proceedings of the 9<sup>th</sup> PanHellenic Symposium of Oceanography & Fisheries, 13-16/5/09, Patra, I, pp. 43-47. (In Greek with an English abstract).
  49. **Poulos S.E.**, 2010. A study of the water budget of the Amvrakikos Gulf. Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 284-290. (In Greek with an English abstract)
  50. Andris P.D., & **Poulos S.E.**, 2010. Geoenvironmental study of the tourist beach zones of the Milos Island. Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 219-228. (In Greek with an English abstract)
  51. Gourdoubas I., **Poulos S.E.**, Nastos P. & Maroukian X., 2010. A study of the water and sediment fluxes of the rivers of the north Peloponnesus which discharge into Korinthiakos Gulf. Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 229-237. (In Greek with an English abstract)
  52. Papadaki P., **Poulos S.**, Kaleantopoulou O., Koutelidaki K. & Verykiou E., 2010. A Physico-geographical study of the coastal zone of Kineta (Saronikos Gulf). Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 275-283. (In Greek with an English abstract)
  53. Milovanovic M., Tomara V., **Poulos S.E.** & Alexopoulos I., 2010. Geomorphologic and hydrologic environment of Korissia lagoon (Corfu Island). Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 266-274. (In Greek with an English abstract)
  54. Markakis E., Bleta A., **Poulos S.E.**, 2010. A near-shore sedimentological and oceanographic study of the beach zone of Paralio Astros Kinourias. Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 257-265. (In Greek with an English abstract)
  55. Aggelopoulos G., Anastasakis G. & **Poulos S.E.**, 2010. Observed Hydrodynamics and modeled sediment transport rate in the case of Pachia Ammos (NE Crete). Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 211-218. (In Greek with an English abstract)
  56. Xatzieleftheriou M., Alexandrakis G., **Poulos S.E.**, Gaki-Papanastasiou K. & Maroukian X., 2010. An assessment of the vulnerability of the E and NE coastal zone of Attika, with respect to a potential sea level rise. Proceedings of the 8<sup>th</sup> PanHellenic Geographical Congress, 5-8/10/07, Athens, vol. 1, pp. 298-305. (In Greek with an English abstract)
  57. Ghionis G. and **Poulos S.**, 2010. An investigation of the decadal changes of granulometry along the beach face of the Kyparissiakos Gulf. Proceedings of 9th Pan-Hellenic Geographical Conference of the Hellenic Geographical Society, Athen, 4-6 November 2010, pp 76 – 83 (<http://www.geography2010.gr/9thGeoConferce2010.zip>)
  58. Giannouli D.-I., **Poulos S.**, Andris P., Petrakis S., 2010. Study of the erosion of the shore zone of Iria (Argolikos Gulf), with emphasis in human interference. Proceedings of 9th Pan-Hellenic Geographical Conference of the Hellenic Geographical Society, Athen, 4-6 November 2010, pp 68 – 75 (<http://www.geography2010.gr/9thGeoConferce2010.zip>)

59. Karagiozoglou K., **Poulos S.E.**, Verukoiu E. and Alexandrakis A., 2010. Physico-geographical study of the Yilos and Milopotamos bays of the Ios Island. Proceedings of 9th Pan-Hellenic Geographic Conference of the Hellenic Geographical Society, Athens, 4-6 November 2010, pp 84-91 (<http://www.geography2010.gr/9thGeoConferce2010.zip>)
60. Tsoutsia A., Karditsa A., Alexandrakis G., **Poulos S.E.**, Petrakis S., Anastasatou M., 2010. Coastal geomorphological and sedimentological research in Katelios Gulf, Kefalonia Island. 9<sup>th</sup> PanHellenic Conference of Geography, 4-6/11/2010, Athens, pp. 280-287 (<http://www.geography2010.gr/9thGeoConferce2010.zip>)

In the position of Associate Professor

61. Karditsa A., **Poulos S.** and Zervakis V., 2012. Is it possible fluvial water fluxes to have higher salinity and temperature values than the ambient sea water? The case of the Evros river (Alexandroupolis Gulf). Proceedings of the 10<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Athens, 7-11/5/2012. Number of Paper 040, 10p. (electronic version)
62. Alexandrakis G. and **Poulos S.E.**, 2012. The significance of the major variables that control the formation and evolution of the Hellenic beach zones. Proceedings of the 10<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Athens, 7-11/5/2012. Number of Paper 052, 10p. (electronic version)
63. Nasopoulou I., **Poulos S.E.**, Karymbalis E. and Gaki-Papanastassiou K., 2012. Coastal vulnerability assessment of the northern coast (Antirrio-Eratini) of the western Corinth Gulf to the anticipated sea-level rise. Proceedings of the 10<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Athens, 7-11/5/2012. Number of Paper 079, 10p. (electronic version)
64. **Poulos E. S.**, Plomaritis A.T. and Ghionis G., 2012. Nearshore wave characteristics related to a strong Etesian wind event monitored at the Gouves beach zone (Heraklio, Crete Island). Proceedings of the 10<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Athens, 7-11/5/2012. Number of Paper 086, 10p. (electronic version)
65. Karditsa A. and **Poulos S.E.**, 2013. The application of grain size trend analysis in the fine grained seabed sediment of Alexandroupolis Gulf. Proceedings of the 13th International Congress of the Geological Society of Greece, Chania, Sept. 2013, Bulletin of the Geological Society of Greece, vol. XLVII (in press)..
66. Ghionis G., **Poulos S.**, & Petrakis S., 2013. Investigating the existence of a "palaeo-foreshore zone" at Molos beach (Kefalos Bay, Paros, Greece) in 1884 A.C. Proceedings of the 13th International Congress of the Geological Society of Greece, Chania, Sept. 2013, Bulletin of the Geological Society of Greece, vol. XLVII (in press).
67. Tsoutsia A., Kapsimalis V., **Poulos S.**, Paraskevopoulou V., Dassenakis E., 2013. Assessment of heavy metal contamination in the coastal sediments of the broader area of Chios Harbor (Aegean Sea), Proceedings of the 13th International Congress of the Geological Society of Greece, Chania, Sept. 2013, Bulletin of the Geological Society of Greece, vol. XLVII (in press).
68. **Poulos S.**, Alexopoulos I., Dassenakis M., Kotsopoulos S., Lazogiannis K., Matiatos I., Paraskevopoulou V., Sifnioti D., Ghionis G., Panagopoulos A., Alexiou I., 2013. 'An investigation of the impact of the climate change on river deltas: the Delta of R. Pinios (Thessaly, Greece) – Concept and preliminary results on surface water environmental state. Proceedings of the 13<sup>th</sup> International Conference on Environmental Science and Technology, 5-7 September 2013, Athens, Greece, No. 0372, 8p.
69. **Poulos S.**, Koukounari I., Dassenakis M., Dounas C., Paraskevopoulou V., 2013. Sedimentological and environmental investigation of the sea bed sediments of the Heraklion Gulf (Crete). Proceedings of the 13<sup>th</sup> International Conference on Environmental Science and Technology, 5-7 September 2013, Athens, Greece, No. 366, 8p
70. Velegrakis, A.F., Monioudi, I.N., **Poulos, S.E.**, Lekkas, D., Hatzopoulos, J.N., Hasiotis, Th., Karambas, Th., Kontogianni, A., Vousdoukas, M.I., Andreadis, O., Rigos, A., Tsekouras, G., Psarros, F., Ghionis, G., Karditsa, A., Chatzipavlis, A., Anastasiadis, S., Kokkoris, G., Petrakis, S., Tsimplis, M.,N., Peduzzi, P., Collins, M.B., 2013. Physical and economic impacts of sea

level changes on the island beaches of the Aegean Archipelago (ISLA): Concepts and preliminary results. Proceedings of the 13<sup>th</sup> International Conference on Environmental Science and Technology, 5-7 September 2013, Athens, Greece, No. 819, 8p.

71. Nastos P.T., Sifnioti D.E, **Poulos S.E.** and Soukissian T.H., 2013. Seasonal composite means and anomalies of synoptic weather patterns associated with high sea waves in the Eastern Mediterranean. Proceedings of the 13<sup>th</sup> International Conference on Environmental Science and Technology, 5-7 September 2013, Athens, Greece, No. 417, 8p.
72. Stamatakis M., **Poulos S.**, Tsoutsia A., Papavlassopoulou N., Karditsa A., 2013. and Anastasatou M., 2013. Marine Aggregates deposits – MARE project". Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013), 30 June-3 July 2013, Milos Island, Greece, pp. 198-203
73. Koulouri P., Markantonatou V., Martin C., Alexandrakis G., **Poulos S.**, Dounas C., Henocque Y., Sustainable Development of a Former U.S. Base in Greece. Proceedings of the Global Congress on ICM: Lessons Learned to Address New Challenges, 30 Oct.-03 Nov. 2013, Marmaris, Turkey, pp. 403-414.
74. Monioudi I.N., Karditsa A., Alexandrakis G., **Poulos S.E.**, Velegrakis A.F., Andreadis O.P., Ghionis G., Petrakis S., Sifnioti D., Markakis E. and Giannouli D.I., 2014. Vulnerability assessment of eastern Cretan beaches (Greece) to sea level rise. ADAPTtoCLIMATE Conference, 27-28 March 2014, Nicosia Cyprus. 8p.
75. Kotsopoulos S., **Poulos S.E.**, Panagopoulos A., Nastos P., Skiannis G., Ghionis G., Alexiou I., Ilias A., Matiatos I., Pisinaras V., Lagogiannis K., Arambatzis G., Kosmidis E., Bosdikis I., Pappas I., 2013. Water resources management of coastal agricultural environments – resilience of climate change impacts. Proceedings of the IWA Regional Symposium on Water, Wastewater and Environment: Traditions and Culture. 22-24 March 2013, Patras, Greece, pp. 241-248.
76. Kotsopoulos S., Nastos P., Ghionis G., Lazogiannis K., Poulos S., Alexiou I., Panagopoulos A., Farsiroto E., Alamanis N., 2014. Evaporation and evapotranspiration estimates under present and future climate conditions. Proceedings of the 12th International Conference on Protection and restoration of the Environment, June 29 – July 3, 2014, Skiathos island, Greece, ISBN: 978-960-88490-6-8, pp. 91-97.
77. Lazogiannis K., Paraskevopoulou V., **Poulos S.**, Teou X., Kotsopoulos S., Farsiroto E., Ghionis G., Matiatos I., Panagopoulos A., Sifnioti D.E., Giannouli D.I., Tsanakas K., Dassenakis M., Drakopoulos P.G., Botsou F., Alexiou I., Alexopoulos J.D., 2014. Seasonal variation of water discharge and suspended sediment concentration of the Pinios River (Thessaly) during the hydrological year 2012/13. Proceedings of the 12th International Conference on Protection and Restoration of the Environment, June 29 – July 3, 2014, Skiathos island, Greece, ISBN: 978-960-88490-6-8, pp. 325-331.
78. Paraskevopoulou V., Dassenakis M., Botsou F., Teou X., Sakellari Aik, Diamantis V., **Poulos S.**, Lazogiannis K., Matiatos I., Sifnioti D. E., Giannouli D. I., Ghionis G., Alexopoulos I., Kotsopoulos S., Panagopoulos A., Alexiou I., 2014. Chemical quality of groundwaters in the deltaic plain of Pinios river: Preliminary results after a year of monitoring. Proceedings of the 12th International Conference on Protection and Restoration of the Environment, June 29 – July 3, 2014, Skiathos island, Greece, ISBN: 978-960-88490-5-1., pp. 154-161.

## ***D. ABSTRACTS, EXTENDED ABSTRACTS AND POSTERS***

1. **Poulos S.E.** and Drakopoulos P.G., 2001. A reassessment of the Mediterranean river runoff. Rapport du Commision Internationale Mer Mediterranee CIESM, vol. 36, p.76. (extended abstract).

2. Evelpidou N., **Poulos S.E.** and Vasilopoulos A., 2002. Geomorphological and hydrological setting of the touristic beaches of the Paros island. Proceedings of the 1<sup>st</sup> Scientific Conference of the European Federation of Marine Science and Technology Societies (EFMS), Athens, 27-29/9/2002 (extended abstract, in CD-ROM).
3. Zarris D., Lykoudi E., Koutsoyiannis D. and **Poulos S.** (2003). Channel change and sediment movement after a major level drawdown at Kremasta Reservoir, Western Greece. Joint Assembly in Nice, France, 6-11 April, 2003, of the European Geophysical Society (EGS), the American Geophysical Union (AGU) and the European Union of Geosciences (EUG), Geophysical Research Abstracts, vol.5, p.07157 (extended abstract).
4. **Poulos S.E.**, Ghionis G. Yalouris P., Yannopoulos Th., 2003. Contemporary morphological evolution of Alphios river delta as a result of land and marine processes as well as human intervention. Proceedings of the 7<sup>th</sup> Panhellenic Symposium of Oceanography & Fisheries, Iraklio Crete, 6-9/5/2003, p. 364 (poster).
5. Papatheodorou G., **Poulos S.E.**, Drakopoulos P., Nastos P., 2003. Dispersion processes of the metalliferous red mud in the water column of Antikira bay, Corinth Gulf. Proceedings of the 7th Panhellenic Symposium of Oceanography & Fisheries, Iraklio Crete, 6-9/5/2003, p. 63(abstract).
6. **Poulos S.** and Collins M., 2003. Mediterranean and Black Seas Coastal Environments: A comparison between riverine water and sediment fluxes and the impact of dam construction. International Conference on Scientific and Policy challenges towards an effective management of the marine environment, Forum on the EU/ESA 'GMES' Initiative, 12-18/10/2003, Albena, Bulgaria, pp.257-278 (extended abstract).
7. Plomaritis T.A., Paphitis D., Collins M.B., **Poulos S.E.**, Ghionis G., 2004. Storm-generated waves, currents and resultant nearshore sediment transport: northern Crete. 1<sup>st</sup> General assembly of the European Geosciences Union (EGU), Nice, 25-30/4/2004 (poster).
8. Drakopoulos P., Chandrinou A., Dounas C., Koulouras G., Nomitos C., **Poulos S.**, Sianoudis I., Thanos I. and Zervakis V., 2007. Design and realization of an inexpensive transmittance and fluorescence meter: Initial reporting. Rapport du Commission Internationale Mer Mediterranee CIESM, vol. 38, p.186 (extended abstract).
9. Karditsa A. & **Poulos S.**, 2007. Bathymetric changes of the bottom relief in the gulf of Alexandroupolis (NE Aegean Sea) between 1960-2004, in relation to its harbour expansion. Rapport du Commission Internationale Mer Mediterranee CIESM, vol. 38, p.99 (extended abstract).
10. Paramana Th., **Poulos S.** and Dassenakis M., 2007. Determination of nutrient state in the Moustos lagoon, Greece''. 14<sup>th</sup> International Symposium on Environmental Pollution and its impact on Life in the Mediterranean Region (MESAEP), October 10-14, 2007, Seville, Spain, Abstract book p. 417 (extended abstract).
11. Alexandrakos G., **Poulos S.**, Dounas C. and Drakopoulos P., 2007. Heavy metal distribution in the surficial bottom sediments of the northern continental shelf of Crete. Rapport du Commission Internationale Mer Mediterranee CIESM, vol. 38, p.223 (extended abstract).
12. Koutsomichou I., **Poulos S.**, Evelpidou N., Ghionis G., 2007. Geomorphological evolution of the Kalivia coastal zone (SW Attika) in relation to human activities. 12th Belgium-France-Italy-Romania geomorphological meeting, 'climatic change and related landscapes', Savona (Italy) 26-29 September, abstract
13. Eleutheriou, K., Evelpidou, N., **Poulos, S.**, Vassilopoulos, A., 2007. Recent evolution of a eustatically submerged coastal zone in the island of Naxos (Cyclades, Aegean Sea). 12th Belgium-France-Italy-Romania geomorphological meeting, 'climatic change and related landscapes', Savona (Italy) 26-29 September, 2007(abstract)

14. Ghionis G., Evelpidou N., Vassilopoulos A., **Poulos S.**, 2007. The consequences of a future eustatic sea-level rise on the delta of the river Acheloos (Ionian sea). Aqua-terra Conference "World forum on delta & coastal development", 07-09/02/2007, Amsterdam, abstract No.110
15. Ghionis S., **Poulos S.**, Kampanis N., Verikiou E., Karditsa A., Alexandrakis G. & Andris P., 2008. The effects of a severe storm event on the NW coast of Lefkada Island, Ionian Sea (Greece). General assembly of European Geosciences Union, Vienna, 2008, Geophysical Research Abstracts, vol. 10, p. A-617 (poster).
16. Alexouli-Leivaditi A., **Poulos S.E.** and Leivaditis G., 2008. An Investigation of Natural Processes And Human Impact In The Surrounding Coastal Area Of The Ancient Harbour Of Kehrees (Saronikos Gulf). 13<sup>th</sup> Belgium-France-Italy-Romania Geomorphological Meeting, 18-21/06/2008, Porto Heli, Greece (poster).
17. **Poulos S.E.**, Giannia P., Alexopoulos I., Karditsa A., Leivaditis G. & Gournellos Th., 2008. Coastline evolution of the Porto-Heli and its surrounding area (SE Argolida) during Holocene, on the basis of geophysical, oceanographic and archeological evidences. 13<sup>th</sup> Belgium-France-Italy-Romania Geomorphological Meeting, 18-21/06/2008, Porto Heli, Greece (poster).
18. Alexandrakis G. and **Poulos S.E.** 2008. An assessment of sea level trends in Greek waters during the last three decades. 1<sup>st</sup>ESF MedCLIVAR Summer school, Hydrobiological Station and Aquarium of Rhodes 17-27 September, Island of Rhodes, GREECE (poster)
19. Karditsa A., **Poulos S.**, Aspiotis N., 2010. Spatial distribution of the Evros river plume (NE Aegean Sea), using seasonal satellite data and in-situ measurements, Rapport du Commission Internationale Mer Mediterranee CIESM, Venise, vol. 39 (poster)
20. Alexandrakis G., **Poulos S.**, Velegrakis A., 2010. The development of a vulnerability index for beach erosion, based on a sediment budget approach, Rapport du Commission Internationale Mer Mediterranee CIESM, Venise, vol. 39 p. 713
21. Petrakis S., Alexandrakis G. and **Poulos S.** 2010 Investigation of coastline retreat due to anticipated sea-level rise in the case of beach zones exposed to high wave energy. Case study of Almiros Bay, N Crete, Aegean Sea. 2nd European Federation of Marine Science Conference, 15-16 October, Athens, Greece

In the position of Associate Professor

22. Alexandrakis G., **Poulos S.** and Velegrakis A., 2010. The development of a vulnerability index for beach erosion, based on a sediment budget approach. Rapport du Commission Internationale Mer Mediterranée CIESM, Vol.39, p713
23. Petrakis S., Alexandrakis G. and **Poulos S.**, 2010 Investigation of coastline retreat due to anticipated sea-level rise in the case of beach zones exposed to high wave energy. Case study of Almiros Bay, N Crete, Aegean Sea. 2nd European Federation of Marine Science Conference, 15-16 October, Athens, Greece
24. Kozyrakis G. V., Delis A. I., Alexandrakis G., **Poulos S. E.**, Kampanis N. A., "Numerical modeling of sediment transport applied to coastal morphodynamics", Proceedings of the "Fifth Conference on Numerical Analysis (NumAn 2012) - Recent Approaches to Numerical Analysis: Theory, Methods and Applications", Ioannina, Greece, 5 - 8 September, 2012
25. Kapsimalis V., Rousakis Hatiris., G.A., Kalogirou A., Hasiotis Th., Karditsa A., Petrakis., S., **Poulos S.** and Stamatakis M., 2013. Searching for marine aggregate deposits in the Afandou Bay (Rhodes Island, Greece) (Project MARE). 40th CIESM CONGRESS, Marseille, France, (28 Oct. to Nov. 1, 2013, p. 87 (extended abstract).
26. **Poulos S.**, Velegrakis A., Kampanis N., Ghionis G., Vousdoukas M., Karditsa A., Alexandrakis G., Andreadis O., Petrakis S., Sifnioti D., Giannouli D., Lipakis M., Marinou E. and Manganas T., 2013. The development of new methodologies for the

- quantification and mitigation of the climatic change impact on the E. Cretan coast, S. Aegean Sea (Project AKTAIA). 40<sup>th</sup> CIESM CONGRESS, Marseille, France, 28 Oct. to Nov. 1, 2013, p.170 87 (extended abstract).
27. Alexopoulos J.D., Dilalos S., **Poulos S.**, Ghionis G., Petrakis S., Giannouli D. and Michelioudakis D., 2013. High resolution geophysical techniques for an insight to the formation of the dune field of the central Kyparissiakos gulf, (Greece). 40<sup>th</sup> CIESM CONGRESS, Marseille, France, (28 Oct. to Nov. 1, 2013, p.88 (extended abstract)..
  28. Alexandrakis G., Karditsa K., **Poulos S.** and Kampanis N. (2013) Coastal geomorphological study of pocket beaches in Crete, with the use of plan view indexes. General assembly of European Geosciences Union, Geophysical Research Abstracts Vol. 15, EGU2013-5520-1
  29. Sifnioti D.E., Soukissian T.H., **Poulos S.E.** and Nastos P.T., 2013. Study of the relationship of wave and wind data, from offshore buoys in the Aegean and Ionian Seas. 13th EMS / 11th ECAM, EMS Annual Meeting Abstracts, Vol. 10, EMS2013-47-1, 2013.
  30. Ghionis G., Alexandrakis G., Karditsa A., Sifnioti D., Vousdoukas M., Andreadis O., Petrakis S., **Poulos S.**, Velegrakis A., Kampanis N., and Lipakis M.. 2014. An integrated multi-parameter monitoring approach for the quantification and mitigation of the climate change impact on the coasts of Eastern Crete, S. Aegean Sea (Project AKTAIA) .General Assembly of European Geosciences Union, Geophysical Research Abstracts Vol. 16, EGU2014-11685, 2014
  31. Tsoutsia A., Karditsa A., Roussakis G., Kapsimalis V., Hasiotis Th., Panagiotopoulos I., **Poulos S.E.**, Stamatakis M. 2014. Submarine areas with potential Marine Aggregate deposits in Greece. 1st International Geo-Cultural Symposium “Kaldera 2014” 6-8 June, Santorini, Greece

## ***E. SCIENTIFIC ARTICLES IN GREEK AND INTERNATIONAL PUBLICATIONS***

1. **Poulos S.E.**, 2004. The role of the dams in the modern sedimentation of the Greek coastal zone. Heon, 1, 8. (in Greek).
2. **Poulos S.E.**, 2007. Marine aggregates deposits (sand and gravels) in the European continental shelf: Prospecting, management and environmental impact. Heon, 4, 14-16 (in Greek).
3. **Poulos S.E.**, 2008. The international law of the Sea: Brief description and its application in the case of the Greek Seas. Mesopelaga, 46, 3-7 (in Greek).
4. **Poulos S.E.**, 2009. Climatic change and sea level rise. Mesopelaga, 53, 4-6 (in Greek).

### In the position of Associate Professor

5. **Poulos S.E.**, 2013. Sea Level Change: Past, Present And Future. Geological Setting, Summer School in Mineral Resources and ancient works of Samos and adjacent islands of the Aegean Sea, 26-30 August 2013, Karlovassi, Samos Island, Greece, 14p.

## ***6.2. CITATIONS OF MY PUBLISHED WORK***

The citations of my published work made by other scientists until 31-3-2010 are presented in table 2 (they are presented in detail in the ANNEX of the CV). The numbering follows that of section 6.1.

**Table 2. List of citations of my published work**

a/a Papers	Non-shelfed Citations		
A1	9	A31	7
A2	14	A32	6
A3	5	A38	10
A4	27	A39	17
A5	2	A40	6
A6	15	A41	3
A7	21	A42	1
A8	15	A43	1
A9	1	A45	5
A10	128	A46	3
A11	3	A47	2
A12	1	A48	7
A14	6	A49	2
A15	29	A50	1
A16	13	B1	6
A17	16	B8	1
A18	49	Γ3	2
A19	9	Γ7	1
A20	3	Γ9	2
A21	35	Γ13	1
A22	5	Γ15	1
A23	7	Γ16	1
A24	4	Γ26	1
A25	14	Γ34	1
A26	20	Γ48	1
A30	6	<b>ΣΥΝΟΛΟ:</b>	<b>546</b>

## 7. ADDITIONAL INFORMATION

### 7.1. QUALIFICATIONS

- Languages:* English (C2), Spanish (B1)
- Computer Literacy:* MS-OFFICE, MATLAB, ODV
- Other diplomas:* (i) 1<sup>st</sup> degree PADI scuba diving  
(ii) AUTO, MOTO, speed boat

### 7.2. LETTERS OF RECOMMENDATION

Letters of Recommendation could be asked from:

- **Prof. M.B. Collins**, School of Ocean & Earth Science, University of Southampton, Southampton Oceanography Centre, Waterfront Campus, Southampton, SO14 3ZH, U.K.
- **Prof. S. Gao**, Institute of Oceanology, 7 Nauhai Rd., Quigdao, 26607, P.R. CHINA
- **Prof. C. B. Pattiaratchi**, University of Western Australia, Centre for Water Research, Nedlands WA 6009, AUSTRALIA.