

## 1. PERSONAL DETAILS

**Name:** Panos G.DRAKOPOULOS  
**Work Address:** TEI of Athens, Dep. of Optics and Optometry, Ag Spyridonos Str 12210  
**Occupation:** Professor, Director of the Laboratory of Optical Metrology  
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## 2. EDUCATION

**B.Sc.:** Physics (1981), Dep. Of Physics, University of Athens, Greece  
**M.Sc.:** Optics (1984), Dep. Of Physics, University of Manitoba, Canada  
**Ph.D.:** Optics (1987), Dep. Of Physics, University of Manitoba, Canada

## 3. SCHOLARSHIPS

1975-1976 Greek Scholarship Foundation: Scholar  
1987-1990 NSERC (Canada): Canadian Government Laboratory Visiting Fellow  
1994-1995 European Union (UK): Postdoctoral Fellow (MAST)

## 4. PROFESSIONAL EXPERIENCE

### 4.1. Research interests

Current research interests include Field Spectroscopy, validation of Remote Sensing products, Marine Optics, Optical Instrumentation (development and calibration)

### 4.2. Milestones

2001-Today Dep. Of Optics and Optometry, T.E.I of Athens Professor in Optical Instrumentation, Head of Department (2010 – 2014), Faculty Council member (2010 – 2014), currently Director of the laboratory of Optical Metrology  
1996-2001 Institute of Marine Biology of Crete (IMBC), Dep of Oceanography, Researcher  
1995-1996 University of Athens, Laboratory of Oceanography, Research Associate  
1994-1995 University of Edinburg, Department of Meteorology, Research Fellow  
1992-1994 University of Athens, Laboratory of Oceanography, Research Associate  
1991-1992 Hellenic Navy Hydrographic Service, Research Associate (Oceanography Desk).  
1990-1991 University of Athens, Laboratory of Oceanography, Research Associate  
1987-1990 Dep of Physics, Royal Roads Military College, Canadian Government Laboratory Visiting Fellow

### 4.3. Managing experience of selected funded projects (PI/CO-PI)

- COOPERATION (2013-2015), Synergy for the sustainable development and safety of the Hellenic tourist beaches, ( €100000 for TEI, EU+Greek GOV funded)
- ARCHIMIDIS II (2005-2007), Development of a device for monitoring the inherent optical properties of sea water ( €75000 EU+Greek GOV funded)
- ATHINA 2004 (2004-2006), Investigation of the accommodation range in young people and comparison of results for two population groups with different occupational orientation (€3800 TEI of Athens funded)
- GAVDOS (2001-2004) Establishment of a European radar altimeter calibration and sea-level monitoring site for JASON, ENVISAT and Euro-GLOSS, EVR1-CT-2001-40019 (€500000, EU+NASA+Swiss GOV funded)
- MAMA (2002-2005), Mediterranean network to Assess and Upgrade Monitoring and Forecasting Activity in the basin (€88000, EU funded)
- MFS-PP WP2(1998-2001), “Mediterranean Forecast System-M3A multisensor array”, MAS3-CT98-0171, (€176000, EU funded)
- MEDNET (1999-2001) numerical models network MAS3-CT98-0189 (€44000, EU funded)

## 5. PUBLISHED WORK H-index 15- citations 836)

### 5.1 Publications in peer reviewed journals

1. P.T.J. Verheijen, R.H. McCamis, **P. Drakopoulos**, W.T.H. van Oers, J.M. Daniels, A.D. May, Experience with a Polarized  $^3\text{He}$  Target for Nuclear Scattering Experiments, Nucl. Instr. and Meth., 227, (1984), 71-76
2. R.H. McCamis, P.J.T. Verheijen, W.T.H. van Oers, **P. Drakopoulos**, C. Lapointe, G.R. Maughan, N.T. Okumusoglu, R.E. Brown,  $^3\text{He}(p,p)^3\text{He}$  analyzing powers between 25 and 35 MeV, Phys. Rev. C, 31, (1985), 1651.
3. **P.G. Drakopoulos** and G.C. Tabisz, Far-infrared rotational spectrum of HD: Line shape, dipole moment, and collisional interference, Phys. Rev. A, 36, (1987), 5556-5565.
4. **P.G. Drakopoulos** and G.C. Tabisz, Collisional interference in the foreign gas perturbed far-infrared rotational spectrum of HD, Phys. Rev. A, 36, (1987), 5566-5574.
5. G.C. Tabisz, L. Ulivi, **P. Drakopoulos** and Z. Lu: Collisional Interference in the Infrared Absorption Spectrum of HD, in Spectral Line Shapes, Vol. 6, edited by L Frommhold, American Institute of Physics, New York, (1991) 421-437.
6. **P.G. Drakopoulos** and R.F. Marsden, The internal tide off the west coast of Vancouver Island, J. Phys. Oceanogr., 23, (1993) 758-775.
7. S.E. Poulos, **P.G. Drakopoulos**, and M.B. Collins, Seasonal variability in the sea surface oceanographic conditions in the Aegean (Eastern Mediterranean): An overview, J. Mar. Systems, 13, (1997), 225-244.
8. **P.G. Drakopoulos**, K. Haines, and P. Wu, Altimetric assimilation in a Mediterranean GCM, J. Geophys. Res., 102, (1997) 10509-10523.
9. **P.G. Drakopoulos** and A. Lascaratos, A preliminary study on the internal tides in the Gulfs of Patras and Korinthos, Greece, Continental Shelf Res., 18, (1998), 1517-1529.
10. K. Stafford, R.G. Williams and **P.G. Drakopoulos**, Estimating climatological age from a model-derived oxygen-age relationship in the Mediterranean, J. Mar. Systems, 18, (1998), 215-226.
11. S. Kornilios, **P.G. Drakopoulos** and C. Dounas, Pelagic Tar, dissolved/dispersed petroleum hydrocarbons and plastic distribution in the Cretan Sea, Greece, Marine Pollution Bulletin, 36, (1998), 989-993.
12. **P.G. Drakopoulos** and A. Lascaratos, Modelling the Mediterranean Sea, Seasonal Forcing, J. Mar. Systems, 20, (1999), 157-173.
13. M.N. Tsimplis, D. Velegrakis, **P.G. Drakopoulos**, A. Theocharis and M.B. Collins, Cretan Deep Water Outflow into the Eastern Mediterranean, Progress in Oceanography, 44, (1999) 531-551.
14. V. Zervakis, D. Georgopoulos and **P.G. Drakopoulos**, The role of the North Aegean in triggering the recent Eastern Mediterranean climatic changes, J. of Geophys. Res., 105, (2000), 26103-26116.
15. Stylianos Somarakis, **Panos Drakopoulos** and Varvara Filippou, Distribution and abundance of larval fish in the northern Aegean Sea—eastern Mediterranean—in relation to early summer oceanographic conditions, Journal of Plankton Research, 24, (2002), 339-358.
16. J. -M. Beckers M. Rixen, P. Brasseur, J. -M. Brankart, A. El moussaoui, M. Crépon, Herbaut, F. Martel, F. Van den Berghe, L. Mortier, A. Lascaratos, **P. Drakopoulos**, G. Korres, K. Nittis, N. Pinardi, E. Masetti, S. Castellari, P. Carini, J. Tintore, A. Alvarez, S. Monserrat, D. Parrilla, R. Vautard and S. Speich, Model intercomparison in the Mediterranean: MEDMEX simulations of the seasonal cycle, Journal of Marine Systems, 33, (2002), 215-251.
17. Christos Arvanitidis, Gerard Bellan, **Panos Drakopoulos**, Vasilis Valavanis, Costas Dounas, Athanasios Koukouras and Anastasios Eleftheriou, Seascape biodiversity patterns along the Mediterranean and Black Seas: Lessons from the biogeography of benthic polychaetes, Marine Ecology Progress Series 244, (2002), 139-152.
18. Mertikas Stelios, Erricos Pavlis, **Panos Drakopoulos**, Kirill Palamartchouk, A European radar altimeter calibration and sea-level monitoring site for Jason-1 and ENVISAT at the island of Gavdos, Crete, Greece, Remote sensing of the ocean and sea ice 2002, ch.R. Bostater Jr., R. Santoleri Editors, Proceedings of SPIE (The International Society for Optical Engineering), 4880 (2003), 52-59, (ISSN 0277-786X).

19. K. Nittis, C. Tziavos, I. Thanos, **P. Drakopoulos**, V. Cardin, M. Gacic, G. Petihakis, R. Basana, The Mediterranean moored multi-sensor array (M3A): System development and initial results, *Annales Geophysicae*, 21, (2003), 75-87.
20. **Panos Drakopoulos**, George Petyhakis, Vasilis Valavanis, Kostas Nittis and George Triantafyllou, Optical variability associated with phytoplankton dynamics in the Cretan Sea during 2000 and 2001. In *"Building the European Capacity in Operational Oceanography"*, Elsevier Oceanography Series No 69, Elsevier BV, (2003) pp. 554-561
21. S.P. Mertikas, E.C. Pavlis, **P.G. Drakopoulos**, K. Palamartchouk, and E. Koutroulis, GAVDOS: A satellite radar altimeter calibration and sea-level monitoring site on the island of Gavdos, Crete. In *"Building the European Capacity in Operational Oceanography"*, Elsevier Oceanography Series No 69, Elsevier BV, (2003), pp. 258-264
22. S. Vallegra, A. Drago, ..., **Drakopoulos P.**, Flemming N.C., Font J., ..., Zavatarelli M., Zodiatis G. MAMA – Towards a new paradigm for ocean monitoring in the Mediterranean, In *"Building the European Capacity in Operational Oceanography"*, Elsevier Oceanography Series No 69, Elsevier BV, (2003), pp. 46-56
23. Banks, A.C., **Drakopoulos, P.** & Tsimplis, M., 2004. "Investigation of Sea Level Around the Island of Gavdos from Ten Years of Topex-Poseidon Satellite Altimetry Data", *Mediterranean Marine Science*, 5, (2004), 165-173.
24. Pavlis, E. C., Mertikas, S. P., Banks, A., Berio, P., Bonnefond, P., B ü rki, M. Cadeddu, D. Coulot, B., Cristea, E., Dal å, N. S., **Drakopoulos, P.**, Evans, K., Exertier, P., Favey, E., Forsberg, R., Frantzis, X., Geiger, A., Gidskehaug, A., Hausleitner, W., Hulley, G., Kahle, H.- G., Koutroulis, E., Laurain, O., Mavraeidopoulos, T., Olesen, A., Palamartchuk, K., Papadopoulos, T., Pesec, P., Pierron, F., Somieski, A., Suenkel, H., Tripolitsiotis, A., Tziavos, I. N., Vergos, G. S. & Weick, J., "The GAVDOS Mean Sea Level and Altimeter Calibration Facility: Results for JASON-1", *Marine Geodesy*, 27, (2004), pp 631-655
25. George Zodiatis, **Panos Drakopoulos**, Isaak Gertman, Steve Benner and Daniel Hayes, The atlantic water mesoscale hydrodynamics in the Levantine Basin, CIESM 2005, Strategies for understanding mesoscale processes, CIESM Workshop Monographs no 27, 132 pages.
26. Krom, M.D., T.F. Thingstad, S. Brenner, P. Carbo, **P. Drakopoulos**, T.W. Fileman, G.A.F. Flaten, S. Groom, B. Herut, V. Kitidis, N. Kress, C.S. Law, M.I. Liddicoat, R.F.C. Mantoura, A. Pasternak, P. Pitta, T. Polychronaki, S. Psarra, F. Rassoulzadegan, E.F. Skjoldal, G. Spyres, T. Tanaka, A. Tselepidis, P. Wassmann, C. Wexels Riser, E.M.S. Woodward, G. Zodiatis and T. Zohary, Summary and overview of the CYCLOPS P addition Lagrangian experiment in the Eastern Mediterranean, *Deep Sea Res., II*, (2005), 52, 3090,3108.
27. Groom Steve, Barak Herut, Steve Brenner, George Zodiatis, Stella Psarra, Nurit Kress, Michael D. Krom, Cliff S. Law and **Panos Drakopoulos**, Satellite-derived spatial and temporal biological variability in the Cyprus Eddy, *Deep Sea Res., II*, (2005), 52, 2990-3010.
28. Zodiatis George, **Panos Drakopoulos**, Steve Brenner and Steve Groom, Variability of the Cyprus warm core Eddy during the CYCLOPS project, *Deep Sea Res., II*, (2005), 52, 2997,2910.
29. **Drakopoulos P.**, A. Plakitsi, Refractive surgery with Excimer Lase – LASIK, *The Step of Asklipios*, (2005), 4(4), 167-173 (in Greek)
30. Lloret J., G. Wegner, J. Lleonart, K. I. Stergiou, J. M. Fromentin, B. Mackenzie, U. Damm and **P. Drakopoulos**, Variability of physical factors relevant to fisheries production in the Mediterranean Sea, North Sea and Baltic Sea, *Bol. Inst. Esp. Oceanogr.* (2006), 22 (1-4), 73-82
31. Petihakis G., **P Drakopoulos**, C. Nittis, V. Zervakis, C. Christodoulou and C. Tziavos, M3A system (2000-2005) – operation and maintenance, *Ocean Science*, (2007), 3, 117-128.
32. Poulos S.E., C. Dounas, G. Alexandrakis, P. Koulouri, **P. Drakopoulos**, Trace metal distribution in sediments of northern continental shelf of Crete Island, East Mediterranean, *Environmental Geology*, 58, 843-857 (2009)
33. **Drakopoulos Panos.**, George Ghionis, Kostas. Lazogiannis, Serafim. Poulos, Toward precise shoreline detection and extraction from remotely sensed images with the use of wet and dry sand spectral signatures, *Fresenius environmental bulletin*, 23, 2809-2813, (2014)
34. Ντζιλέπης Γ., Πατέρας Ε., Φωτεινάκης Β., **Δρακόπουλος Π.**, Σιανούδης Ι., Πλακίτση Α., Γεωργιάδου Σ., Αξιολόγηση του εύρους προσαρμογής- βάθους πεδίου σε άτομα ηλικίας 18-22 ετών, *e-Journal of Science & Technology*, 10, 49-55, (2015) ISSN 17905613

## 5.2. Publications in Peer Reviewed Conference Proceedings

1. S. Konidakis, **P.G. Drakopoulos**, N. Geivelis, Attenuation measurements in optical fibers, Proceedings of the 2nd National Conference of the Hellenic Physical Society, Lesbos (Greece), September (1980), pp.111-112
2. **P.G. Drakopoulos** and A. Lascaratos, Semidiurnal baroclinic processes in the Patras and Korintos Gulfs, Proceedings of the 4th National Symposium on Oceanography and Fisheries, Rhodes isl., (Greece), 26-29 April (1993), pp. 164-167.
3. **P.G. Drakopoulos** and A. Lascaratos, Interannual sea-level fluctuations in the Aegean and Ionian Seas, Proceedings of the 4th National Symposium on Oceanography and Fisheries, Rhodes isl., (Greece), 26-29 April (1993), pp. 180-183.
4. **P.G. Drakopoulos**, M. Cooper, K. Haines, A. Lascaratos and P. Wu, Oceanic data assimilation in the Mediterranean Sea, Rapp. Comm. Int. Mer Medit., 34, (1995), 176 (ISSN 0373-434X)
5. **P.G. Drakopoulos** and A. Lascaratos, A numerical model of the seasonal general circulation in the Mediterranean Sea, Proceedings of the 5th National Symposium on Oceanography and Fisheries, Kavala, (Greece), 15-18 April (1997), pp 335-338
6. S. E. Poulos and **P.G. Drakopoulos**, Heat budget and water balance of the Aegean Sea, Proceedings of the 5th National Symposium on Oceanography and Fisheries, Kavala, (Greece), 15-18 April (1997), pp 315-318.
7. **P.G. Drakopoulos** and A. Lascaratos, Interannual sea level variability in the Mediterranean Sea and its relation to local meteorological factors, Rapp. Comm. Int. Mer Medit., 35, (1998), 136-137 (ISSN 0373-434X)
8. **P.G. Drakopoulos**, S.E. Poulos and A. Lascaratos, Buoyancy fluxes in the Aegean Sea, Rapp. Comm. Int. Mer Medit., 35, (1998), 134-135 (ISSN 0373-434X)
9. Beckers J.M., Schmitz F., Brasseur P., Brankart J.M., Crepon M., Herbaut Ch., Martel F., Van den Berghe F., Lascaratos A., **Drakopoulos P.G.**, Pinardi N., Carini P., Tintore J., Alvarez A., Parilla D., Vautard R., Speich S., Results of the first Mediterranean Models Evaluation Experiment (MEDMEX), Rapp. Comm. Int. Mer Medit., 35, (1998), 124-125 (ISSN 0373-434X)
10. E.C.Pavlis, S.Mertikas, F.Kouroumbali, **P.G.Drakopoulos**, Tectonics, Sea-Level Monitoring and Altimeter Calibration with a Regional GPS Array, Proceedings of the International Symposium on Marine Positioning, INSMAP98, Nov 30 –Dec 4, 1998, Melbourne, FL, G. Maul editor.
11. **P.G. Drakopoulos**, G. Corres and A. Lascaratos, Modelling the seasonal variability of the Mediterranean sea general circulation: monthly vs daily forcing, International conference: coastal and ocean modelling, Malta, 12-14 November 1998.
12. Vasilis Valavanis, **Panos Drakopoulos** and Stratis Georgakarakos, A study of upwellings using GIS, Proceedings, CoastGIS'99, GIS and new advances in integrated coastal management, Brest France, September 9-11, 1999.
13. **P.G. Drakopoulos** and M.N. Tsimplis, Steric fluctuations in the Mediterranean as reflected on tidal gauge and altimetry records, Proceedings of the International conference on «The Ocean Observing System for Climate OCEANOBS99», Saint-Raphael, France, October 18-22, 1999.
14. **P.G. Drakopoulos**, V. Valavanis, S. Georgakarakos, A Geographical System for recognition and evaluation of upwelling, Proceedings of the 5th Panhellenic Geographical Conference, Greek Geographical Society, 1999, 259-266
15. **P.G. Drakopoulos**, V. Valavanis and S. Georgakarakos, Spatial and Temporal chlorophyll distribution in the Aegean, according to SeaWiFS images, Proceedings of the 6th National Symposium on Oceanography and Fisheries, 206-210, 2000
16. K. Nittis, Ch. Tziavos, I. Thanos and **P.G. Drakopoulos**, Real time oceanographic measurements with the M3A System, Proceedings of the 6th National Symposium on Oceanography and Fisheries, 417-421, 2000
17. **P.G. Drakopoulos**, S. Somarakis, K. Koutsoukopoulos, A. Machias, N.T. Tsimenidis, Horizontal transport and diffusion of the planktonic stages of anchovy *Engraulis encrasicolus*, in the Ionian Sea, Proceedings of the 6th National Symposium on Oceanography and Fisheries, 99-103, 2000
18. Poulos S.E. and **Drakopoulos P.G.**, A reassessment of the Mediterranean river runoff, Rapport du Commision Internationale Mer Mediterranee, 36, p. 76., 2001 (ISSN 0373-434X)

19. Poulos S.E., **Drakopoulos P.G.**, Leontaris, S.N. Tsapakis E. and Chatzigianni E., The tidal currents effect on the sedimentation processes at Avlis Channel (South Evoia Gulf), Hellenic Geological Society Bulletin, Vol. XXXIV/2: 731-736, 2001 (ISSN 0438-9557).
20. Somarakis Stylianos, **Panos Drakopoulos**, Konstantinos Stergiou, Larval fish associations in pelagic fishes trace interannual environmental variability in the NE Aegean Sea, Informes y estudios Copemed, Environmental variability and small pelagic fisheries in the Mediterranean Sea, V. Agostini and P. Oliver editors, 8, 65, 2002
21. **Drakopoulos P.** and Poulos S.E., 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> Panhellenic Geographical Conference, Volume 1, 62-69, 2002.
22. Carbo, P.; Krom, M.D.; Thingstad, T.F.; Fonnes, G.; Skjoldal, E.; Kress, N.; Zohary, T.; Herut, B.; Law, C.; Woodward, M.; Mantoura, F.; Liddicoat, M.; Rassoulzadegan, F.; Tanaka, T.; Tselepidis, A.; Pitta, P.; Psarra, S.; Polychronaki, T.; **Drakopoulos, P.**; Wassmann, P.; Riser, C.; Zodiatis, G. (2003). Preliminary results from a Lagrangian phosphate addition experiment in the Eastern Mediterranean (CYCLOPS), in: Caumette, P. et al. (Ed.) (2003). The impact of human activities on the marine environment quality and health: the EC impacts cluster: Proceedings of the first workshop (February 2002, Pau, France). pp. 49-61.
23. Zodiatis George, **Panos Drakopoulos**, Steve Brenner and Steve Groom, Cyclops project: the hydrodynamics of the warm core eddy south of Cyprus, SE Levantine Basin, in Oceanography of Eastern Mediterranean and Black Sea, Aysen Yilmaz Editor, (2003) pp 18-23, (ISBN 975-288-451-2)
24. **Drakopoulos P.**, V. Zervakis, G. Thanos, K. Nittis, P. Renieris, G. Assimakopoulou, C. Tziavos: "Preliminary experiments towards controlling biofouling effects on the M3A array's optical instruments", Rapp. Comm. Int. Mer Medit., 37, 92, 2004, (ISSN 0373-434X)
25. Zodiatis G., **Drakopoulos P.**, and I. Gertman: "Modified atlantic water in the SE Levantine basin (1995-2003)", Rapp. Comm. Int. Mer Medit., 37, 156, 2004, (ISSN 0373-434X)
26. Poulos S.E. and **Drakopoulos P.G.**, Current activity in the Thermaikos Gulf continental margin, in relation to modern sedimentation processes, Bulletin of the Geological Society of Greece, (2004), vol XXXVI, 1103-1110
27. **Drakopoulos P.G.**, S.E.Poulos, A. Banks, G. Alexandrakis, K. Christodoulou, F. Pantazoglou, The effect of waves and coastal currents on the sedimentation processes of Gavdos Island bottom (Karave port), proceedings of the 7<sup>th</sup> Panhellenic Geographical Conference, Volume 1, (2004), 191-196 (ISBN 960-7475-29-1)
28. Krom, M., P. Carbo, T.F. Thingstad, G. Fonnes, E. Skjoldal, N. Kress, T. Zohary, B. Herut, C. Law, M. Woodward, R.F.C. Mantoura, M.I. Liddicoat, F. Rassoulzadegan, T. Tanaka, A. Tselepidis, P. Pitta, S. Psarra, T. Polychronaki, **P. Drakopoulos**, P. Wassmann, G. Zodiatis, Cycling of phosphorus in the Eastern Mediterranean (CYCLOPS), proceedings of the EuroOCEAN 2004, European Conference on Marine Science & Ocean Technology, (2004), 225-226.
29. Mertikas S.P., Pavlis E.C., Tziavos I.N., Banks, A. **Drakopoulos P.G.**, Pesec P., Suenkel H., Forsberg R., Kahle H., Exertier P., Sklavidis A., Gidskehaug A., Establishment of a European radar altimeter calibration and sea-level monitoring site for JASON, ENVISAT and Euro-GLOSS – (GAVDOS), proceedings of the EuroOCEAN 2004, European Conference on Marine Science & Ocean Technology, (2004), 370-371.
30. Zervakis V., **P. Drakopoulos**, S. Kioroglou and A Tselepidis, Circulation and Hydrographic characteristics in North Aegean during the ANREC experiment, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 189-192, 2006
31. Gionis G., **P. Drakopoulos**, S. Poulos and P. Nastos, Development of a telemetric system for monitoring the environmental conditions at the foreshore, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 721-725, 2006
32. Nastos P., **P. Drakopoulos**, G. Gionis and S. Poulos, Study of the relationship between SST and meteorological conditions in shallow water conditions, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 727-731, 2006
33. Petihakis G., **Drakopoulos P.**, Tziavos Ch., Triantafylou G., Nittis K., Thanos J., Plaiti W., Christodoulou K., Pantazoglou F., Renieris P., Morfis Th., Oceanographic Station M3A – programming maintenance 2000 – 2005, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 617-620, 2006
34. **Drakopoulos Panos**, Optical instruments in operational oceanography, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 621-623, 2006

35. Drago A, Vallegra S, ..., **Drakopoulos P.**, Flemming N.C., Gertman I, ..., Zavatarelli M., Zodiatis G., MEDIR-OP, a Mediterranean directory for operational oceanography developed within the MAMA project, European Operational Oceanography: Present and Future, Proceedings of the 4th EuroGOOS Conference, H. Dahlin, N.C. Flemming, P. Marchand, S.E. Petersson Editors, European Commission Publications: 576-584 (2006), ISBN 92-894-9788-2
36. **Panos Drakopoulos**, Optical instruments for monitoring sea-water quality, Proceedings of the 10th Greek and Cypriot Physicists Associations, Corfou, March 341-349, 2007, pp 1-10.
37. Alexandrakis G., S. Poulos , C. Dounas, **P. Drakopoulos**, Heavy metal distribution in the surficial bottom sediments of the northern continental shelf of Crete, Rapp. Comm. Int. Mer Medit., **38**, 223, 2007
38. **Drakopoulos PG**, A. Chandrinou, C. Dounas, G. Koulouras, C. Nomikos, S. Poulos, I. Sianoudis, I. Thanos, V. Zervakis, Design and realization of an inexpensive transmittance and fluorescence meter: initial reporting, Rapp. Comm. Int. Mer Medit., **38**, 139, 2007
39. **Drakopoulos PG**, C. Dounas, C. Nomikos, S. Poulos, E. Stefanou, I.Thanos, V.Zervakis, A transmittance and fluorescence meter for environmental monitoring, Proceedings of the First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE). Skiathos, Greece. June 24 to 28, 2007.,Pages 2633-2638.
40. Poulos S, G.Alexandrakis, A. Karditsa and **P. Drakopoulos**, Heavy metal investigation, as pollutant indicators, in bottom sediments, in the harbours Heraklion and Alexandroupolis (Aegean Sea, Greece), Proceedings of the 10th International Conference on Environmental Science and Technology, (CEST2007), Kos, Greece. September 5 to 7, 2007, Pages B634-B641.
41. **Drakopoulos PG**, A. Chandrinou, C. Dounas, C. Nomikos, S. Poulos, I.Thanos, V.Zervakis, An inexpensive transmittance and fluorescence meter, Proceedings of the 10th International Conference on Environmental Science and Technology, (CEST2007), Kos, Greece. September 5 to 7, 2007, Pages B120-B126.
42. Poulos S., Spereleki M., **Drakopoulos P.**, Investigation of the dispersion of suspended matter at Corinthos Gulf using optical methods, Proceedings of the 9th National Symposium on Oceanography and Fisheries, Vol I, 38-42, 2009
43. **Drakopoulos P.G.**, Nittis K., Zervakis V., Petihakis G., Ballas D., Pagonis G.,The new generation of optical instruments onboard POSEIDON System: Current situation and first data returns, Proceedings of the 9th National Symposium on Oceanography and Fisheries, Vol. I, 517-522, 2009
44. **Drakopoulos P**, Development of a transmissometer-fluorometer for monitoring coastal waters quality, Proceedings of the 9th National Symposium on Oceanography and Fisheries, Vol. I, 338-343, 2009
45. **Drakopoulos PG**, G. Petihakis, V. Zervakis, K. Nittis, POSEIDON system: Environmental monitoring with new generation optical instruments, Proceedings of the Second International CEMEPE and SECOTOX, Mykonos Island, Greece, 395-399, 2009, ISBN 978-960-6865-09-1
46. Petihakis, George, Nittis, Kostas, Ballas, Dionysis, Kassis, Dimitris, Pagonis, Paris, Perivoliotis, Leonidas and **Panos Drakopoulos**, The POSEIDON reference time-series stations of the Eastern Mediterranean Sea, "OceanObs'09: Sustained Ocean Observations and Information for Society" Conference (Annex), Venice, Italy, 21-25 September 2009, Hall, J., Harrison D.E. and Stammer, D., Eds., ESA Publication WPP-306, 2010.
47. K.Nittis , L.Perivoliotis, G.Korres, D.Ballas, A. Papadopoulos, G.Triantafyllou, P. Pagonis, K.Tsiaras, G.Petihakis, **P.Drakopoulos**, POSEIDON II: Upgrading the monitoring and forecasting services in the Eastern Mediterranean Sea, Proceedings of the 5th International Conference of EuroGOOS, EuroGOOS publication n. 28, ISBN 978-91-974828-6-8, p.392-398 (2010)
48. **Drakopoulos PG**, G. Petihakis, K. Nittis, Environmental monitoring with the POSEIDON system's optical instruments: Chlorophyll retrieval from ocean colour, Proceedings of the Third International CEMEPE and SECOTOX, Skiathos Island, Greece 1041-1047, (2011), ISBN 978-960-6865-43-5.
49. **Drakopoulos PG**, G. Ghionis, K. Lazogiannis, S.E. Poulos, Wet and dry sand spectral signatures as a tool for the precise shoreline detection and extraction from remotely sensed images, Proceedings of the Fourth International CEMEPE and SECOTOX Conference, Mykonos Island, Greece 850-854, (2013), ISBN 978-960-6865-68-8.
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6. Pateras E., V. Fotinakis, **P. Drakopoulos**, J. Sianoudis, A.Plakitsi, S. Georgiadou, G. Ntzilepis, Ultraviolet radiation (UV) and its effects on the eye, Optika Nea Apr2014- Jun2014, **4**, 60-64 (in Greek)

### 6. OTHER ACTIVITIES

- European Union, Evaluator 5<sup>th</sup> Framework 1999, 2000, 2001, Brussels. (Expert evaluator for sustainable marine ecosystems under programme Energy, Environment and Sustainable Development (contracts: *EVK3-CT1999-90005*, *EVK3-CT2000-9056*, *EVEV-CT2001-91208*)
- Journal Reviewer (Geophys. Res. Letters, J. Geophys. Res., Progr. Oceanogr., Rapp. Comm. Int. Mer Medit., Environm. Conserv. J. Coastal Research, Mediterranean Marine Science journal, Continental Shelf Research, Deep Sea Research)
- Contact point, European Global Ocean Observing System (EUROGOOS), 1998-2001
- Contact point, Mediterranean Global Ocean Observing System (MEDGOOS), 1998-2000
- Member of the Optical Society of America and the European Academy of Optometry and Optics
- Hellenic Association of Oceanographers (2013-2015), Member of Board, Treasurer
- Member of Scientific Committee, Proc. 10th Panhel. Symp. Oceanogr. & Fish.
- Member of Scientific Committee, Proc. 11th Panhel. Symp. Oceanogr. & Fish.