

1. PERSONAL DETAILS



Panos G. DRAKOPOULOS
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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. AWARDS

1994-1995 European Union (Univ. of Edinburgh): Postdoctoral Fellow
1987-1990 NSERC (RRMC Canada): Canadian Government Laboratory Visiting Fellow
1975-1976 Greek Scholarship Foundation (Univ. of Athens): Scholar

4. PROFESSIONAL EXPERIENCE

4.1. Milestones

2018-Today Dep. of Biomedical Sciences, University of West Attica, Professor, Director of Post-Graduate Program “Investigative techniques in Optometry” (2018-2020), Director of the Laboratory of Optical Metrology
2001-2018 Dep. of Optics and Optometry, Athens University of Applied Sciences, Professor, Head of Department (2010–2014), Faculty Council member (2010–2014), Director of Post-Graduate Program “Investigative techniques in Optometry” (2016-2018), Director of the Laboratory of Optical Metrology (2016-2018)
1996-2001 Institute of Marine Biology of Crete (IMBC), Researcher
1995-1996 Dep. of Physics, University of Athens, Research Associate
1994-1995 Dep. of Meteorology, University of Edinburg, Research Fellow
1992-1994 Dep. of Physics, University of Athens, Research Associate
1991-1992 Hellenic Navy Hydrographic Service, Research Associate (Oceanography Desk).
1990-1991 Dep. of Physics, University of Athens, Research Associate
1987-1990 Dep. of Physics, Royal Roads Military College, Canadian Government Laboratory Visiting Fellow

4.2. Research interests

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

4.3. Teaching experience

- Ecology, Technical University of Crete (undergraduate level)
- Optical and Optometric Instrumentation, University of West Attica (undergraduate level)
- Visual Optics, University of W. Attica (undergraduate level)
- Lighting Environment and Vision, University of W. Attica (undergraduate level)
- Laser Techniques in Optometry, University of W. Attica (undergraduate level)
- Marine Ecosystems, University of Crete (postgraduate level)
- Satellite Tracking Systems, Technical University of Crete (postgraduate level)
- Visual Optics, University of W. Attica (postgraduate level)
- Marine Optics, University of Athens (postgraduate level)

4.4. 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, EU+Greek GOV funded)
- THALES, "TECHNOLOGICAL AND OCEANOGRAPHIC COOPERATION NETWORK FOR THE STUDY OF MECHANISMS FERTILIZING THE NORTH-EAST AEGEAN SEA", Mis: 383548, EU+Greek GOV funded, (2012-2015)
- THALES, "AN INVESTIGATION OF THE IMPACT OF THE CLIMATE CHANGE ON RIVER DELTAS. CASE STUDY: THE DELTA OF R. PINIOS (THESSALY, GREECE)", Mis: 375908, EU+Greek GOV funded, (2012-2015)
- 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
- 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: 18 / i10-index: 22 / citations: 1500)

5.1. Refereed Publications, Books & Chapters

1. Banks A.C. , **P.G. Drakopoulos**, S. Chaikalis, N. Spyridakis, A. P. Karageorgis, S. Psarra , V.Taillandier, F. D'Ortenzio, S. Sofianos, and Xavier Durrieu de Madron, An in situ optical data set for working towards fiducial reference measurements based satellite ocean colour validation in the Eastern Mediterranean, Proc. SPIE, 11524 (2020), <https://doi.org/10.1117/12.2571193>
2. Tsapanou Athina, Emmanouil Oikonomou, **Panagiotis Drakopoulos**, Serafeim Poulos, Georgios Sylaios, Coupling Remote Sensing Data with in-situ Optical Measurements to estimate Suspended Particulate Matter under the Evros River Influence (North-East Aegean Sea, Greece), International Journal of Remote Sensing, **41(6)**, 2062-2080, (2020)
3. Karageorgis A. P., **P. G. Drakopoulos**, S. Chaikalis, A. Lagaria, N. Spyridakis, S. Psarra, The LEVECO project Bio-Optics experiment in the northwestern Levantine Sea: Preliminary results, Proc. SPIE , 11174, (2019), <https://doi.org/10.1117/12.2533658>

4. Tsapanou A, E. Oikonomou, S. Poulos and **P. Drakopoulos**, Evaluating Ocean-Color Algorithms to remotely sense the surface suspended particle matter in the northeast Aegean Sea, Greece, Proc. SPIE,10773, (2018); <https://doi.org/10.1117/12.2326133>
5. Tsapanou, A., Poulos, S., Oikonomou, E. & Drakopoulos, P., The Sentinel-2A age for Earth and Ocean Observation: Preliminary implementation in the North-East Aegean Sea, Greece, 11th International Conference of the Hellenic Geographical Society, LTCP, Lavrion, Greece p1-6, (2018)
6. Karageorgis, A.P., **Drakopoulos, P.G.**, Psarra, S., Pagou, K., Krasakopoulou, E., Banks, A.C., Papathanassiou, E., Particle characterization and composition in the NE Aegean Sea: Combining optical methods and biogeochemical parameters, Continental Shelf Research, 149, (2017), 96-111
7. Karageorgis A. P., **P. G. Drakopoulos**, S. Chaikalis, N. Spyridakis, S. Psarra, "Estimation of the particle size distribution slope with 3 methods: implications for the optical backscattering ratio and the bulk refractive index", Proc. SPIE 10444, (2017), 104441B; <http://dx.doi.org/10.1117/12.2277426>
8. Chaikalis S., A.P Karageorgis, S. Sofianos, **P. Drakopoulos**, Estimating zcat, in ultra-oligotrophic seas: implications for LISST-Deep scattering measurements, 5th Biennial Conference on Particles in Europe October 3-5 2016 Budapest University of Technology and Economics, Budapest Hungary, p1-6 (2016)
9. **Drakopoulos Panos**, Themis Gialelis, Evaggelos Pateras, Serafim Poulos, Evaggelia Stefanou, Predicting Underwater Visibility in Tourist Beaches, Proceedings of the Twelfth International Conference on the Mediterranean Coastal Environment MEDCOAST 2015, E. Ozhan editor, 977-984, (2015)
10. Karageorgis, A.P., Psarra, S., **Drakopoulos, P.**, Assimakopoulou, G., Banks, A.C., Kabouri, G., Kanellopoulos, Th., Krasakopoulou, E., Lagaria, A., Pagou, K., Papadopoulos, V., Papadopoulou, A., Parinos, K., Renieris, P., Spyridakis, N., Velaoras, D., Back to basics: Measuring IOPs in the Aegean Sea to support chlorophyll- α retrieval from ocean colour, Final Scientific Conference of PERSEUS "Integrated Marine Research in the Mediterranean and the Black Sea", Brussels, 7-9 December p 43-47, 2015.
11. **Drakopoulos P.G.**, A.C. Banks, G. Kakagiannis, A.P. Karageorgis, A. Lagaria, A. Papadopoulou, S. Psarra, N. Spyridakis, V. Zervakis, Estimating chlorophyll concentrations in the optically complex waters of the North Aegean Sea from field and satellite ocean colour measurements, Proc. SPIE 9535, (2015); <http://dx.doi.org/10.1117/12.2192571>
12. **Drakopoulos, P.G.**, Economou E., Skianis, G., Poulos S., Vaiopoulos, A., Lazogiannis, K., Ghionis, G., Velegrakis, A., Use of satellite images for monitoring the rate of retrieval of the coastline, Proc. 11th Panhel. Symp. Oceanogr. & Fish., 897-900, (2015), ISBN: 978-960-9798-08-2
13. Papadopoulou, A., **Drakopoulos, P.**, Karageorgis, A.P., Spyridakis, N., Psarra, S., Banks, A.C., Zervakis, V., Estimation of temperature, salinity and scattering corrections of inherent optical properties using the AC-S in-situ spectrophotometer, Proc. 11th Panhel. Symp. Oceanogr. & Fish., 829-832, (2015), ISBN: 978-960-9798-08-2
14. Psarra S., Lagaria A., Pagou K., Assimakopoulou G., **Drakopoulos P.G.**, Petihakis G., Frangoulis C., Kakagiannis G., Potiris M., Banks A., Karageorgis A., Assessing phytoplankton dynamics in the Aegean Sea: combining remote sensing and field data of Chlorophyll a, Proc. 11th Panhel. Symp. Oceanogr. & Fish., 785-788, (2015), ISBN: 978-960-9798-08-2
15. **Drakopoulos, P.G.**, Banks, A.C., Kakagiannis, G., Karageorgis, A.P., Lagaria, A., Papadopoulou, A., Psarra, S., Spyridakis, N., Zervakis, V., Above and in-water remote sensing reflectance measurements during the AegeanMarTech project: A first appraisal, Proc. 11th Panhel. Symp. Oceanogr. & Fish., 781-784, (2015), ISBN: 978-960-9798-08-2
16. Ntzilepis G., Pateras E., Fotinakis, V, **Drakopoulos P.G.**, Sianoudis I., Plakitsi A., Georgiadou S., Evaluation of the accommodation range – depth of field for subjects in the range 18-22 years old, e-Journal of Science & Technology, 10, 49-55, (2015) ISSN 17905613
17. Karageorgis, A.P, Androni,, Assimakopoulou, G., Banks, A.C., **Drakopoulos, P.**, Kabouri, G., Kanellopoulos, Th., Krasakopoulou, E., Lagaria, A., Morfis, M., Pagou, K., Papadopoulos, V., Parinos, K., Psarra, S., Renieris, P., Spyridakis N, Particle distribution and composition in the NE Aegean Sea based on transmissometry, optical backscattering and size measurements, Proc. 11th Panhel. Symp. Oceanogr. & Fish., 777-780, (2015), ISBN: 978-960-9798-08-2
18. Skianis G., Vaiopoulos A. Δ., **Drakopoulos P.G.**, Poulos S.P., Spatial analysis of the behavior of the vegetation index NDVI over river Pinios Delta (Thessaly), using WorldView 2 Satellite

- imagery, Proceedings, 10th International congress of the Hellenic Geographical Society, 1659-1670 (2015)
19. **Drakopoulos Panos** and George Asimellis, Visual Optics, pp 440, Syghroni Gnosi (2014), ISBN 978-960-98531-6-3 [BK]
 20. Lazogiannis K., Paraskevopoulou V., Poulos S., Teou X., Kotsopoulos S., Farsirotou 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, 325-331, (2014), ISBN: 978-960-88490-6-8.
 21. **Drakopoulos P.G.**, K. Nittis, G. Petihakis, D. Kassis, P. Pagonis, D. Ballas, and M. Ntoumas, Monitoring chlorophyll concentrations with POSEIDON system's optical instruments, Proceedings of the Sixth International Conference on EuroGOOS, EuroGOOS, H. Dahlin, N.C. Flemming, S.E. Peterson Editors, Publication n. 30, 358-362, (2014), ISBN 978-91-974828-9-9
 22. Ntoumas M., D. Kassis, M. Potiris, D. Ballas, T. Chondronasios, P. Pagonis, T. Tsagaraki, D. Podaras, L. Manousakis, V. Zervakis, **P. Drakopoulos**, G. Petihakis, and K. Nittis, Activities of the calibration laboratory at HCMR-Crete – progress and challenges, Proceedings of the Sixth International Conference on EuroGOOS, EuroGOOS, H. Dahlin, N.C. Flemming, S.E. Peterson Editors, Publication n. 30, 15-22, (2014), ISBN 978-91-974828-9-9
 23. **Drakopoulos P.G.**, E. Oikonomou, G. Skianis, S.E. Poulos, A. Vaiopoulos, K. Lazogiannis, G. Ghionis, A. Velegrakis, Use of satellite imagery for automated monitoring of the shoreline retreat rate, Proceedings of the Adapt to Climate International Conference, Nicosia, Cyprus, pp.9, <http://adapttoclimate.uest.gr/index.php/proceedings1>, (2014)
 24. **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)
 25. **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.
 26. Asimellis George, Vamvakas Ioannis, **Panos Drakopoulos**, Geometrical Optics, pp281, Syghroni Gnosi, (2012), ISBN 978-960-98531-8-7 [BK]
 27. **Drakopoulos Panos** and George Asimellis, Visual Optical Instruments, pp 256, Syghroni Gnosi, (2011), ISBN 978-960-98531-5-6 [BK]
 28. **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.
 29. Nittis K., 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)
 30. 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.
 31. **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
 32. **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
 33. **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
34. Poulos S., Sperleki 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
 35. 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)
 36. **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.
 37. 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.
 38. **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.
 39. **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
 40. 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
 41. **Drakopoulos Panos**, Optical instruments for monitoring sea-water quality, Proceedings of the 10th Greek and Cypriot Physicists Associations, Corfou, March 341-349, 2007, pp 1-10.
 42. 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.
 43. 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
 44. **Drakopoulos Panos**, Optical instruments in operational oceanography, Proceedings of the 8th National Symposium on Oceanography and Fisheries, 621-623, 2006
 45. 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
 46. 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
 47. 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
 48. 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
 49. Lloret J., G. Wegner, J. Leonart, 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
 50. **Drakopoulos P**, A. Plakitsi, Refractive surgery with Excimer Laser – LASIK, The Step of Asklipios, (2005), 4(4), 167-173 (in Greek)
 51. 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.

52. 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.
53. 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.
54. Zodiatis George, **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.
55. 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
56. 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.
57. 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.
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59. **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 7th Panhellenic Geographical Conference, Volume 1, (2004), 191-196 (ISBN 960-7475-29-1)
60. 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
61. 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)
62. **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)
63. 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)
64. Vallegra S., 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 [VC]
65. Mertikas S.P., 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 [VC]
66. **Drakopoulos Panos**, 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 [VC]
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62. **Drakopoulos P.G.** and M.N. Tsimplis, Currents and transports in Eastern Mediterranean Sea during winter 1995, International Conference on "Progress in Oceanography of the Mediterranean Sea", November 1997, Rome, Italy.
63. Lascaratos A., G. Korres and **P.G. Drakopoulos**, On the seasonal variability of the Mediterranean Sea General Circulation: A model study, Mediterranean Sea Modelling (MEDMOD), First workshop, 27-29 October 1997, Villefranche-Sur-Mer, France.
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69. **Drakopoulos P.G.** and A. Lascaratos: Interannual variability of the sea-level in Eastern Mediterranean, fifth international conference on natural and man-made hazards, 29 August-3 September 1993 Qingdao, China.
70. **Drakopoulos P.G.** and R.F. Marsden: The internal tide off the west coast of Vancouver Island, Canadian Meteorological and Oceanographical Society Conference, May 1990, R.R.M.C., Victoria.
71. **Tabisz G.C.**, L. Ulivi, P.G. Drakopoulos and Z. Lu: Collisional Interference in the Infrared Absorption Spectrum of HD, Proceedings 10th International Conference on Spectral Line Shapes, June 1990, Austin Texas.
72. **Drakopoulos P.G.**, L. Ulivi, Z. Lu and G.C. Tabisz: Interference Effects in the Rotational Spectrum of HD gas, 9th International Conference on Spectral Lineshapes, Institute of Physics, July 1988, Nicholas Copernicus University, Warsaw.
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75. **Drakopoulos P.G.** and G.C. Tabisz: Intracollisional Interference in the Pure Rotational Spectrum of HD Gas, Annual Meeting of C.A.P., University of Alberta, Edmonton, June 1986.
76. **Drakopoulos P.G.**, R.H. McCamis, W.T.H. van Oers, P.J.T. Verheijen: Measurement of Nuclear Polarization in Optically Pumped ³He Gas, Western Regional Nuclear Physics Conference, Lake Louise, British Columbia, January 1984.
77. McCamis R.H., N.E. Davison, **P.G. Drakopoulos**, G.R. Maughan, W.T.H. van Oers, J. Battaglino, R.F. Carlson, A.J. Cox: Elastic Scattering of Protons from Calcium Isotopes in the Energy Range 20-50 MeV and Nuclear Matter Radii, contributed to the meeting of the American Physical Society, Baltimore, April 1983.

5.3. Participation in selected research projects

1. Temporal and Spatial storm wave scales along European coasts
2. Integrated Modelling and Measurement of Physically Controlled Fluxes and Plankton Dynamics in Coastal Seas
3. Mediterranean Eddy Resolving Modelling and Interdisciplinary Studies
4. Climate Change Sea Level Rise and Associated Impacts in Europe
5. Relative Sea Level Changes and Extreme Flooding Events Around European Coasts
6. Geochimie Et Dynamique de la Mediterranee
7. Climatic Variability of the Mediterranean Paleo-Circulation
8. Establishment of a European radar altimeter calibration and sea-level monitoring site for JASON, ENVISAT and Euro-GLOSS
9. Atmospheric deposition and impact of pollutants, key elements and nutrients on the open Mediterranean Sea
10. Mediterranean Forecasting System Pilot Project
11. Mediterranean Forecasting System: Toward Environmental Predictions
12. Cycling of phosphorus in the Mediterranean
13. Development of monitoring guidelines and modelling tools for environmental effects from Mediterranean aquaculture
14. Biofiltration and aquaculture: an evaluation of hard substrate deployment performance within mariculture developments
15. Effects of nutrient release from Mediterranean fish farms on benthic vegetation in coastal ecosystems
16. Mediterranean network to assess and upgrade the monitoring and forecasting activity
17. Association of physical and biological processes acting on recruitment and post-recruitment of anchovy
18. Operational monitoring of the environmental conditions of the beach zone

6. OTHER ACTIVITIES

- Member of the Optical Society of America
- Member of the European Academy of Optometry and Optics
- Member of the Hellenic Association of Oceanographers
- Member of the Hellenic Association of Physicists
- Academic Erasmus Contact Point, Faculty of Health Sciences, 2012- 2018
- Hellenic Association of Oceanographers (2013-2015), Member of Board, Treasurer
- European Union, Evaluator 5th Framework 1999, 2000, 2001, Brussels. (Expert evaluator for sustainable marine ecosystems under programme Energy, Environment and Sustainable Development)
- 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, Heliyon, Optics and Laser Technology, Ocean Coastal Management)
- Contact point, European Global Ocean Observing System (EUROGOOS), 1998-2001
- Contact point, Mediterranean Global Ocean Observing System (MEDGOOS), 1998-2000
- Member of Conference Scientific Committees