

PERSONAL INFORMATION



Harilaos Kontoyiannis

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Sex Male | Date of birth 27/05/1959 | Nationality Hellenic

POSITION

Senior Researcher at the Hellenic Center for Marine Research

WORK EXPERIENCE

Sea-Going Physical Oceanography at the Hellenic Center for Marine Research since 1995. Coastal and Deep Ocean (Eastern Mediterranean)

EDUCATION AND TRAINING

1983, BS in Physics, University of Athens, Greece.

1988, MS in Physical Oceanography, University of Rhode Island, USA

1992, PhD in Physical Oceanography, University of Rhode Island, USA

PERSONAL SKILLS

Mother tongue(s)

HELLENIC

ENGLISH

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
C1	C2	C1	C2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

Depending on the character of the person I am talking to

ADDITIONAL INFORMATION

Publications

1990 Watts D. R. and **H. Kontoyiannis**, Deep-Ocean Bottom Pressure Measurements: Drift Removal and Performance, **Journal of Atmospheric and Oceanic Technology**, 7, 296-306.

- 1991 **Kontoyiannis H.** and D. R. Watts, Ageostrophy and Pressure Work in the Gulf Stream at 73°W, **Journal of Geophysical Research**, 95, 22209-22228.
- 1994 **Kontoyiannis H.** and D. R. Watts, Variability of the Gulf Stream path between 74°W and 70°W, **Journal of Physical Oceanography**, 24, 1999-2013.
- 1997 **Kontoyiannis H.**, Quasi-Geostrophic Modeling of Mixed Instabilities in the Gulf-Stream near 73°W, **Dynamics of Atmospheres and Oceans**, 26, 133-158.
- 1999 **Kontoyiannis H.**, A. Theocharis, E. Balopoulos, S. Kioroglou, V. Papadopoulos, M. Collins, A. Velegrakis, and A. Iona, Water fluxes through the Cretan Arc Straits -Eastern Mediterranean Sea: March 1994 - June 1995, **Progress in Oceanography**, 44, 511-529.
- 1999 Theocharis A., E. Balopoulos, S. Kioroglou, **H. Kontoyiannis**, and A. Iona, A synthesis of the circulation and hydrography of the South Aegean Sea and the Straits of the Cretan Arc (March 1994 - January 1995), **Progress in Oceanography**, 44, 469-510.
- 1999 E. Balopoulos, A. Theocharis, **H. Kontoyiannis**, S. Varnavas, F. Voutsinou – Taliadouri, A. Iona, A. Souvermezoglou, L. Ignatiades, O. Gotsis-Skretas, A. Pavlidou, Major advances in the oceanography of the southern Aegean Sea – Cretan Straits system (eastern Mediterranean), **Progress in Oceanography**, 44, 109-130.
- 1999 Theocharis A., K. Nittis, **H. Kontoyiannis**, E. Papageorgiou, E. Balopoulos, Climatic changes in the Aegean Sea influence the Eastern Mediterranean thermohaline circulation (1986-1997), **Geophysical Research Letters**, 26(11), 1617-1620.
- 1999 Krassakopoulou E., E. Souvermezoglou, A. Pavlidou, and **H. Kontoyiannis**, Oxygen and nutrient fluxes through the Straits of the Cretan Arc (March 1994 - January 1995), **Progress in Oceanography**, 44, 601-624.
- 1999 Velegrakis, A. F., E. Oikonomou, A. Theocharis, M.B. Collins, **H. Kontoyiannis**, V. Papadopoulos, G. Voulgaris, T. Wells and E. Balopoulos, Internal waves revealed by Synthetic Aperture Radar (SAR) imagery in the vicinity of the eastern Cretan Straits (Eastern Mediterranean), **Progress in Oceanography**, 44, 553-572.
- 2003 **Kontoyiannis H.**, V. Kourafalou, and V. Papadopoulos, The seasonal characteristics of the hydrology and circulation of the northwest Aegean Sea (Eastern Mediterranean): Observations and Modelling, **Journal of Geophysical Research**. Vol 108, No. C9, 332, doi:10.1029/2001JC001132,
2003. Malanotte-Rizzoli, B. B. Manca, Salvatore Marullo, M. Ribera d' Alcala', W. Roether, A. Theocharis, A. Bergamasco, G. Budillon, E. Sansone, G. Civitarese, F. Conversano, I. Gertman, B. Hernt, N. Kress, S. Kioroglou, **H. Kontoyiannis**, K. Nittis , B. Klein, A. Lascaratos, M. A. Latif, E. Ozsoy, A. R. Robinson, R. Santoleri, D. Viezzoli, and V. Kovacevic, 2003. The Levantine basin: a laboratory for multiple water mass formation processes. **Journal of Geophysical Research**, Vol. 108, No. C9, 8101, DOI: 10.1029/2002JC001643
- 2004 Pavlidou A., **H. Kontoyiannis**, R. Psyllidou-Giouranovits. Trophic conditions and stoichiometric balance in the inner Saronikos Gulf (Central Aegean Sea) affected by the Psittalia sewage outfall, **Fresenius Environmental Bulletin**, 2004, V.13 No12b.
- 2005 **Kontoyiannis, H.**, E. Balopoulos, A. Pavlidou, O. Gotsis-Skretas, G. Asimakopoulou, E. Papageorgiou and A. Iona, The hydrodynamics and biochemistry of the Cretan Straits (Antikithira and Kassos Straits) revisited in the period June/1997 – May/1998. **Journal of Marine Systems**, 53(2005) 37-57.
- 2005 Zervakis V., A.P. Karageorgis, **H. Kontoyiannis**, V. Papadopoulos, V. Lykousis, Hydrology, circulation and distribution of particulate matter in Thermaikos Gulf (NW Aegean Sea) during September 2001, December 2001 and February 2002. **Continental Shelf Research**, V25, issue 19-20, Dec.2005.

- 2006 Nikolaides N., A. Karageorgis, V. Kapsimalis, G. Marconis, P. Drakopoulou, **H. Kontoyiannis**, E. Krasakopoulou, A. Pavlidou, K. Pagou. Circulation and nutrient modeling of Thermaikos Gulf, Greece, **Journal of Marine Systems**, 60 (2006) 51-62.
- 2008 Pavlidou, Alexandra; **Kontoyiannis, Harilaos**; Psyllidou-Giouranovits, Roza, Nutrient concentrations in the inner Saronikos Gulf after the sewage secondary treatment, *Fresenius Environmental Bulletin*, Volume: 17 Issue: 11A Pages: 1852-1858
- 2009 Zeri, C., **H. Kontoyiannis**, A. Giannakourou, Distributions, fluxes and bacterial consumption of total organic carbon in a populated Mediterranean Gulf. **Continental Shelf Research**, V29, issue 7, Apr. 2009, DOI: 10.1016.
- 2010 Kazmin A., A. Zatsepin, **H. Kontoyiannis**. Comparative analysis of the long-term variability of winter surface temperature in the Black and Aegean Seas during 1982-2004 associated with the large-scale atmospheric forcing. **International Journal of Climatology**, Volume: 30 Issue: 9 Pages: 1349-1359 DOI: 10.1002/joc.1985
- 2010 **Kontoyiannis H.** Observations on the circulation of Saronikos Gulf: A Mediterranean embayment sea-border of Athens/Greece. **Journal of Geophysical Research**. Volume: 115 Article Number: C06029 DOI: 10.1029/2008JC005026
- 2010 Beuvier, J., F. Sevault, M. Herrmann, **H. Kontoyiannis**, W. Ludwig, M. Rixen, E. Stanev, K. Beranger, and S. Somot, Modelling the Mediterranean Sea interannual variability over the last 40 years: focus on the Eastern Mediterranean Transient (EMT), **Journal of Geophysical Research-Oceans** Volume: 115 Article Number: C08017 DOI: 10.1029/2009JC005950
- 2010 E. Anasontzis, A. Ball, A. Bellias, A. Fotiou, G. Grammatikakis, **H. Kontoyiannis**, P. Koske, S. Koutsoukos, V. Lykousis, E. Makropoulos, A. Psalidas, L. Resvanis, I. Siotis, S. Stavrakakis, G. Stavropoulos, V. Zhukov, Water transparency measurements in the deep Ionian Sea, **Astroparticle Physics** 34 187-197, DOI: 10.1016/j.astropartphys.2010.06.008
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- 2011 Anassontzis E.G., Ball A.E., Belias A., Fotiou A., Grammatikakis G., **Kontoyiannis H.**, Koske P., Koutsoukos S., Lykoussis V., Markopoulos E., Psalidas A., Resvanis L.K., Siotis I., Stavrakakis S., Stavropoulos G., Zhukov V. A. (2011): Light transmission measurements with LAMS in the Mediterranean Sea. **Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment**, 626-627 (SUPPL.), S120-S123 DOI: 10.1016/j.nima.2010.06.353
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- 2013 Adrian-Martinez, S.; Ageron, M.; Aguilar, J. A.; et al., Detection potential of the KM3Net detector for high-energy neutrinos from the Fermi bubbles, **Astroparticle Physics**, Volume: 42 Pages: 7-14 DOI: 10.1016/j.astropartphys.2012.11.010
- 2013 V. Kapsimalis, I. P. Panagiotopoulos, I. Hatzianestis, T. D. Kanellopoulos, C. Tsangaris, E. Kaberi, **H. Kontoyiannis** G. Rousakis, C. Kyriakidou, G. A. Hatiri, A screening procedure for selecting the most suitable dredged material placement site at the sea. The case of the South Euboean Gulf, Greece, **Environmental Monitoring and Assessment** DOI 10.1007/s10661-013-3312-2
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