

Kokkini Zoi



PERSONAL INFORMATION

Family name, First name: Kokkini, Zoi
Address: Via Porzio 182, Casalmaggiore (CR), 26041, Italy
Telephone: (+30) 6977715122, (+39) 3883249239
Date of birth: 06/08/1983
e-mail: zoi.kokkini@gmail.com / zoi.kokkini@kaust.edu.sa

EDUCATION

- 2015 Ph.D. in Oceanography, Department of Marine Sciences, University of the Aegean, Greece.
- 2008 M.Sc. in Integrated Coastal Management, University of the Aegean, Greece.
- 2006 B.Sc. in Marine Science, Department of Marine Sciences, University of the Aegean, Greece.

PROFESSIONAL EXPERIENCE

- May 2019: Postdoc fellow, at CNR-ISMAR, Italy.
- 2018 – April 2019: Postdoc fellow, at KAUST University, Department. of Biological and Environmental Science and Engineering, group IOP, Thuwal, Saudi Arabia.
- 2014 – 2018: Postdoc fellow, at the National Institute of Oceanography and experimental Geophysics – OGS, Department. Of Oceanography, group MAOS, Trieste, Italy.

SCIENTIFIC INTERESTS

- Autonomous platforms, Gliders, Floats, Drifters.
- HF Radars and Lagrangian technics.
- Thermohaline circulation.

OTHER SKILLS

- FUGRO ROV Pilot Technician II, 2019
- WERA HR Radar Operator, 2009

PARTICIPATION IN RESEARCH PROGRAMMES

- Argo –Italy, Italian contribution to the global ocean monitoring.
- Project POSEIDON-II, funded by the Financial Mechanism of the European Economic Area (EFTA) and by the Greek Government.
- Inter-basin exchange in the changing Mediterranean Sea: Impact on the ecosystems in the vicinity of the Straits connecting the Mediterranean Sea with the adjacent Basins. (MedEX). MarinERA funded project.
- Greek infrastructure for the autonomous ocean observing system ARGO (ARGO), funded by the European Roadmap of Research Infrastructures, by ESFRI-European Strategic Forum For Research Infrastructures
- Tracking Oil Spills and Coastal Awareness Network (TOSCA), funded by MED, Objective 2.3: Maritime risks prevention and strengthening of maritime safety.
- Specifically Targeted for Radars INnovative Gauge (STRING), funded by the Hellenic and French Governments in the framework of the bilateral projects 2013 ‘Plato’.

PUBLICATIONS

1. **Z. Kokkini**, E. Mauri, P.-M. Poulain, R. Gerin, G. Notarstefano and S. Simoncelli (2019). On

- the salinity structure in the South Adriatic as derived from float and glider observations in 2013-2016. *Deep Sea Research II*, under review
2. **Kokkini, Z.**, Notarstefano, G., Poulain, P.-M., Mauri, E., Gerin, R. and Simoncelli S., Copernicus Marine Monitoring Service Ocean State Report (CMEMS OSR, issue #2), Chapter 4: Remarkable events during 2016, 4.4 Unusual Salinity pattern in the South Adriatic Sea during 2016. *Journal of Operational Oceanography*, **2018**.
 3. Vilibić I., Mihanović H., Janeković I., Denamiel C., Poulain P.-M., Orlić M., Dunić N., Dadić V., Pasarić M., Muslim S., Gerin R., Matic F., Šepić J., Mauri E., **Kokkini Z.**, Tudor M., Kovač Z., Džoić T., (2018) Wintertime dynamics in the coastal northeastern Adriatic Sea :the NAdEx 2015 experiment,, *Ocean Sci* 14, 237–258.
 4. **Kokkini Z.**, Gerin R., Poulain P.M., Mauri E., Pasarić Z., Janeković I., M. Pasarić, H. Mihanović and Vilibić I., (2017). A multi-platform investigation of Istrian Front dynamics (north Adriatic Sea) in winter 2015. *Mediterranean Marine Science*, 18. 344-354.
 5. **Kokkini Z.**, Zervakis V., Mamoutos I., Potiris E., Frangoulis C., Kioroglou S., Maderich V., Psarra S., (2016) Quantification of the surface mixed-layer lateral transports via the use of a HF radar: application in the North-East Aegean Sea, *Continental Shelf Research*. DOI: 10.1016/j.csr.2017.04.006
 6. Zervakis, V., **Kokkini, Z.**, Potiris, M., (2016), Estimating mixed layer depth with the use of a coastal high-frequency radar. *Continental Shelf Research*, <http://dx.doi.org/10.1016/j.csr.2016.07.008>
 7. Bellomo, L., Griffa, A., Cosoli, S., Falco, P., Gerin, R., Iermano, I., Kalampokis A., **Kokkini Z.**, Lana A., Magaldi M.G., Mamoutos I., Mantovani C., Marmain J., Potiris E., Sayol J.M., Barbin Y., Berta M., Borghini M., Bussani A., Corgnati L., Dagneaux Q., Gaggelli J., Guterman P., Mallarino D., Mazzoldi A., Molcard A., Orfila A., Poulain P.-M., Quentin C., Tintoré J., Uttieri M., Vetrano A., Zambianchi E. and Zervakis V., (2015). Toward an integrated HF radar network in the Mediterranean Sea to improve search and rescue and oil spill response: the TOSCA project experience. *Journal of Operational Oceanography*, 95–107. doi: 10.1080/1755876X.2015.1087184
 8. **Kokkini, Z.**, Potiris, M., Kalampokis, A. & Zervakis, V., (2014). HF Radar observations of the Dardanelles outflow current in the North-Eastern Aegean using validated WERA HF radar data. *Mediterranean Marine Science*, 15(4), pp. 753-768.

CONFERENCE

1. **Zoi Kokkini**, Nikolaos D. Zarokanellos, Khaled Asfahani, Lina Eyouni, Burton H. Jones (2018). Water mass formation and biochemical response in the Northern Red Sea. Ocean Optics XXIS, Dubrovnik, October 2018.
2. **Zoi Kokkini**, P. - M. Poulain, R. Gerin, E. Mauri, G. Notarstefano and M. Menna Thermohaline variability of the Ionian and South Adriatic seas in 2013-2017, 6th Euro-Argo Users Meeting, 4-5 July 2017, Paris
3. 2. Mauri E., P.-M.Poulain, R. Gerin, D. Hayes, H. Gildor and **Z. Kokkini**, Hydrodynamic characteristics in the Levantine Basin in autumn 2016 – The CINEL experiment (Circulation and water mass properties in the North-Eastern Levantine), EGU2017
4. 3. E. Mauri, R. Gerin, **Z. Kokkini**, G. Notarstefano and P. Poulain, South Adriatic glider measurements during November 2015, 42th CIESM conference, 2016.
5. 4. I. Vilibic, P. M. Poulain, M. Orlic, I. Janekovic, V. Dadic , R. Gerin , **Z. Kokkini** , Z. Kovac , E. Mauri , H. Mihanovic, M. Pasarić , Z. Pasarić , J. Sepic and M. Tudor, The 2015 Northern Adriatic Experiment: Preliminary results, 42th CIESM conference, 2016.
6. 5. **Z. Kokkini**, E. Mauri, R. Gerin, G. Notarstefano and P.-M. Poulain, The use of gliders in a continuous monitoring of the South Adriatic Sea, 7th EGO Conference on Autonomous Ocean Gliders and Their Applications, 2016.

7. 6. **Zoi Kokkini**, Riccardo Gerin, Elena Mauri, Pierre-Marie Poulain, Frontal structures in the North Adriatic as observed by a Slocum glider, 48th International Liege Colloquium on Ocean Dynamics, 2016.
8. 7. **Z. Kokkini**, R. Gerin, E. Mauri, P. Zuppelli, S. Kuchler, A. Bussani, M. Pacciaroni and P.-M. Poulain. Multi parametric and multi-platform observations in the North Adriatic in winter 2015. Glider Community Workshop 2015, East Anglia University, Norwich, UK, 6th-7th May 2015.
9. 8. Anna-Maria Rammou, Vassilis Zervakis, Lucio Bellomo, **Zoi Kokkini**, Celine Quentin, Carlo Mantovani and Alkiviadis Kalampokis. STRING: A new drifter for HF radar validation. Geophysical Research Abstracts. Vol. 17, EGU2015-9822, 2015.
10. 9. Psarra S., Zervaki V., Lagaria A., Frangoulis, C., Giannakourou, A., Gogou, A., Karageorgis, A., **Kokkini, Z.**, Krasakopoulou, E., Mara, P., Parinos, C., Pitta, E., Pitta, P., Tragou, E., Tsiola, A., Triantaphyllou, M., Zeri, C.. Effects of the Black Sea Water inflow on the ecosystem functioning of the NE Aegean Sea (NE Mediterranean). Aquatic Sciences Meeting Aquatic sciences: Global and regional perspectives – North Meets South, 2015
11. 10. **Z. Kokkini**, V. Zervakis. Estimation of Mean Dynamic Topography using HF radar data. 40th Ciesm, Marseille, France, 2013.
12. 11. Pierre-Marie Poulain, Riccardo Gerin, Vassilis Zervakis, **Zoi Kokkini**. Circulation and dispersion in the Gulf of Trieste as measured by surface drifters. Lagrangian Analysis and Prediction of Coastal and Ocean Dynamics Meeting ,LAPCOD V , Miami Beach, 2012.
13. 12. **Z. Kokkini**, V. Zervakis. 'Dardanos' System, a HF Radar system operating in the North-Eastern Aegean Sea. Radio Oceanography Workshop ROW1212 , Toulon, France, 2012.
14. 13. **Z. Kokkini**, V. Zervakis and S. Kuriakidis. Monitoring Surface Pollutants Using a WERA HF Radar. MedCoast, Rhodes island, Greece, 2011.
15. 14. V. Zervakis , G. Korres, **Z. Kokkini**, E. Tragou and T. Karambas. 'Dardanos' : a WERA system for monitoring the Dardanelles outflow in the Aegean. 39th Ciesm, Venice, Italy, 2010.
16. 15. **Z. Kokkini**, V. Zervakis and E. Tragou. Climatology of Aegean Sea, based on "Poseidon" System data. Published in Greek Title: "Κλιματολογία του Αιγαίου Πελάγους βάση μετρήσεων του συστήματος Ποσειδών. 9th National Symposium of Oceanography and Fisheries, Patra, Greece, 2009.