

Ευαγγελία (Εύα) Κρασακοπούλου

Χημικός Ωκεανογράφος

Καθηγήτρια

Διεύθυνση επικοινωνίας

Πανεπιστήμιο Αιγαίου

Τμήμα Ωκεανογραφίας & Θαλασσίων Βιοεπιστημών

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Σπουδές

2000: Διδακτορική διατριβή Τμήματος Χημείας του Παν/μίου Αθηνών

1995: Μεταπτυχιακό Ενδεικτικό Ωκεανογραφίας του Παν/μίου Αθηνών

1988: Χημικό Τμήμα Πανεπιστημίου Αθηνών

Επαγγελματική Εμπειρία

2020–σήμερα: Καθηγήτρια στο Τμήμα Ωκεανογραφίας & Θαλασσίων Βιοεπιστημών, Παν/μίου Αιγαίου

2013–2020: Αναπληρώτρια Καθηγήτρια στο Τμήμα Ωκεανογραφίας & Θαλασσίων Βιοεπιστημών (πρώην Επιστημών της Θάλασσας), Παν/μίου Αιγαίου

2012-2013: Ερευνήτρια Β' βαθμίδας στο Ινστιτούτο Ωκεανογραφίας του ΕΛΚΕΘΕ

2006-2011: Ερευνήτρια Γ' βαθμίδας στο Ινστιτούτο Ωκεανογραφίας του ΕΛΚΕΘΕ

1994-2006: Επιστημονικός συνεργάτης με σύμβαση έργου στο Ινστιτούτο Ωκεανογραφίας του ΕΛΚΕΘΕ

Επιστημονικά Ενδιαφέροντα

- Βιογεωχημικοί κύκλοι και δυναμική των βιογενών στοιχείων σε μεταβατικά, παράκτια και ανοικτής θάλασσας περιβάλλοντα
- Ανθρωπογενής άνθρακας στη θάλασσα – Οξίνιση του ωκεανού
- Θερμοδυναμική του συστήματος CO₂-ανθρακικών και ανταλλαγές CO₂ στη διεπιφάνεια θάλασσας-ατμόσφαιρας
- Ιχνηλάτηση σχηματισμού, κυκλοφορίας και ιστορίας μαζών νερού με χρήση του διαλυμένου οξυγόνου.
- Δυναμική της σωματιδιακής οργανικής ύλης (POM) και οπτικές ιδιότητες θαλ.νερού
- Απορρίμματα (μακρο- & μικρο) στο θαλάσσιο και παράκτιο περιβάλλον

Συμμετοχή σε Ερευνητικά Προγράμματα (από το 2005 και μετά)

- 2020-2023: EMERGE (Evaluation, control and Mitigation of the EnviRonmental impacts of shipping Emissions). Horizon 2020.
- 2020-2023: «Παρατηρητήριο Παράκτιου Περιβάλλοντος και Διαχείριση Κινδύνων σε Νησιωτικές Περιοχές (AEGIS+)», Επιχειρησιακό Πρόγραμμα «Ανταγωνιστικότητα, Επιχειρηματικότητα και Καινοτομία 2014-2020»
- 2020-2022: «Ανάπτυξη κοινών προσεγγίσεων και στρατηγικών στο Εθνικό Θαλάσσιο Πάρκο της Ζακύνθου για την μελέτη και πρόβλεψη της Θαλάσσιας Ρύπανσης από Πλαστικά», στο πλαίσιο υλοποίησης του προγράμματος «Plastic Busters MPAs», Χρηματοδότηση: ΕΘΠΖ, Επιστημονικά Υπεύθυνη προγράμματος
- 2020-2022: «Clean Blue Paros 2 - Συνεχιζόμενη παρακολούθηση θαλάσσιων μακρο-απορριμμάτων 2020-2021 στην Πάρο_Clean Blue Alliance», Χρηματοδότηση: Common Seas CIC, Επιστημονικά Υπεύθυνη προγράμματος
- 2018-2020: Δημιουργία Υποδομής για την υποστήριξη της Γαλάζιας Ανάπτυξης στο Βόρειο Αιγαίο: Παρατηρητήριο Παράκτιου Περιβάλλοντος AEGIS. ΕΣΠΑ 2014-2020
- 2019-2020: «Clean Blue Paros - Εκτίμηση θαλάσσιων απορριμμάτων στις ακτές της Πάρου», Χρηματοδότηση: Common Seas CIC, Επιστημονικά Υπεύθυνη προγράμματος

- 2019-2022: «Intelligent Research Infrastructure for Shipping, Supply Chain, Transport and Logistics (ENIRISST)», ΕΣΠΑ 2014-2020, Υπεύθυνη τμήματος έργου.
- 2013-2015: «AegeanMarTech - Δίκτυο τεχνολογικής/ωκεανογραφικής συνεργασίας για τη διερεύνηση των μηχανισμών «λίπανσης» του ΒΑ Αιγαίου», Πρόγραμμα ΘΑΛΗΣ, ΓΓΕΤ/ΕΣΠΑ, Υπεύθυνη τμήματος έργου
- 2012-2015: «PERSEUS - Policy-orientated marine Environmental Research for the Southern European Seas». FP7 EU – ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2011-2013: «Επίδραση της οξίνισης των ωκεανών στο πελαγικό τροφικό πλέγμα σε μία παράκτια περιοχή της Ανατολικής Μεσογείου» Ελλάδα – Τουρκία Κοινά Ερευνητικά και Τεχνολογικά Έργα 2010-2011. ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2011-2014: «MedSea - Mediterranean Sea Acidification under changing climate». FP7 EU – ΓΓΕΤ, Υπεύθυνη έργου
- 2011-2012: «Παρακολούθηση οικοσυστήματος Εσωτερικού Σαρωνικού κόλπου, υπό την επίδραση του Κέντρου Επεξεργασίας λυμάτων Ψυττάλειας (ΚΕΛΨ) – Ε΄ Περίοδος», ΕΥΔΑΠ, Υπεύθυνη προγράμματος
- 2009-2012: «MedEcos: Decadal scale Variability of the Mediterranean Ecosystem», MarinERA, Ε.Ε.-ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2009-2012: «MedEx- 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». MarinERA, Ε.Ε.-ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2009-2010: «Παρακολούθηση οικοσυστήματος Εσωτερικού Σαρωνικού κόλπου, υπό την επίδραση του Κέντρου Επεξεργασίας λυμάτων Ψυττάλειας (ΚΕΛΨ) – Δ΄ Περίοδος», ΕΥΔΑΠ, Επιστημονικά Υπεύθυνη προγράμματος
- 2008-2009: «Παρακολούθηση οικοσυστήματος Εσωτερικού Σαρωνικού κόλπου, υπό την επίδραση του Κέντρου Επεξεργασίας λυμάτων Ψυττάλειας (ΚΕΛΨ) – Γ΄ Περίοδος», ΕΥΔΑΠ, Επιστημονικά Υπεύθυνη προγράμματος
- 2007-2008: «Παρακολούθηση οικοσυστήματος Εσωτερικού Σαρωνικού κόλπου, υπό την επίδραση του Κέντρου Επεξεργασίας λυμάτων Ψυττάλειας (ΚΕΛΨ) – Β΄ Περίοδος», ΕΥΔΑΠ, Επιστημονικά Υπεύθυνη προγράμματος
- 2007-2010: «SESAME – Southern European Seas: Assessing and Modelling Ecosystem Changes», FP6 Ε.Ε.-ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2006–2007: «Καταγραφή περιβαλλοντικών συνθηκών και παραμέτρων του όρμου Αντίκυρας», Αλουμίνιον της Ελλάδος, Υπεύθυνη έργου
- 2005-2008: «EUROCEANS - European network of excellence for Ocean Ecosystems Analysis», Ε.Ε.-ΓΓΕΤ, Υπεύθυνη τμήματος έργου
- 2006-2007: «Παρακολούθηση της ποιότητας του θαλάσσιου περιβάλλοντος του κόλπου της Θεσσαλονίκης», ΕΥΔΕ Θεσσαλονίκης, Υπεύθυνη έργου
- 2005-2006: «Παρακολούθηση οικοσυστήματος Εσωτερικού Σαρωνικού κόλπου, υπό την επίδραση του Κέντρου Επεξεργασίας λυμάτων Ψυττάλειας (ΚΕΛΨ)», ΕΥΔΑΠ, Υπεύθυνη έργου

Δημοσιεύσεις

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A. ΠΕΡΙΟΔΙΚΑ (από το 2013 και μετά)

- Souvermezoglou, E., **Krasakopoulou, E.** (2021). Temporal evolution of oxygen and nutrients in the NE Ionian Sea from 1987 to 2008 under the influence of the Cretan and Adriatic Seas. *Progress in Oceanography* 199, 102711. <https://doi.org/10.1016/j.pocean.2021.102711>
- Aslam, S., Tzoraki, O., **Krasakopoulou, E.** (2021). Anthropogenic litter in freshwater bodies and their estuaries: an empirical analysis in Lesbos, Greece. *Environ Sci Pollut Res.* <https://doi.org/10.1007/s11356-021-16793-z>
- Tsabaris, C., Zervakis, V., Georga, H., Pappa, F.K., Alexakis, S., **Krasakopoulou, E.**, Patiris, D.L. (2021). In situ characterization using natural radio-tracers in a submarine freshwater spring, Kiveri, Greece. *Journal of Environmental Radioactivity* 233, 106583. <https://doi.org/10.1016/j.jenvrad.2021.106583>
- Stroglyoudi, E., Paraskevopoulou, V., Campillo, J.A., Zervoudaki, S., Bouga, V., Catsiki, V.A., Dassenakis, E., **Krasakopoulou, E.** (2021). Metal and metallothionein levels in zooplankton in relation to environmental exposure: spatial and temporal variability (Saronikos Gulf, Greece). *Environ Sci Pollut Res.* <https://doi.org/10.1007/s11356-021-12591-9>
- Varkitzi I., Psarra S., Assimakopoulou G., Pavlidou A., **Krasakopoulou E.**, Velaoras D., Papathanassiou E., Pagou K. (2020). Phytoplankton dynamics and bloom formation in the oligotrophic Eastern Mediterranean: Field studies in the

Aegean, Levantine and Ionian seas. *Deep-Sea Research Part II: Topical Studies in Oceanography*, 171, 104662. <https://doi.org/10.1016/j.dsr2.2019.104662>

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- D'Amario, B., Pérez, C., Grelaud, M., Pitta, P., **Krasakopoulou, E.**, Ziveri, P. (2020). Coccolithophore community response to ocean acidification and warming in the Eastern Mediterranean Sea: results from a mesocosm experiment. *Scientific Reports* 10, 12637 <https://doi.org/10.1038/s41598-020-69519-5>
- Kapetanaki, N., **Krasakopoulou, E.**, Stathopoulou, E., Dassenakis, M., Scoullou, M. (2020). Severe Coastal Hypoxia Interchange with Ocean Acidification: An Experimental Perturbation Study on Carbon and Nutrient Biogeochemistry. *Journal of Marine Science and Engineering*, 8, 462. <https://doi.org/10.3390/jmse8060462>
- Salvaggio, A., Tiralongo, F., **Krasakopoulou, E.**, Marmara, D., Giovos, I., Crupi, R., Messina, G., Lombardo, B.M., Marzullo, A., Pecoraro, R., Scalisi, E.M., Copat, C., Zuccarello, P., Ferrante, M., Brundo, M.V. (2019) Biomarkers of Exposure to Chemical Contamination in the Commercial Fish Species *Lepidopus caudatus* (Euphrasen, 1788): A Particular Focus on Plastic Additives. *Frontiers in Physiology*, 10:905. <https://doi.org/10.3389/fphys.2019.00905>
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- **Krasakopoulou, E.**, Souvermezoglou, E., Goyet, C. (2017). Carbonate system parameters and anthropogenic CO₂ in the North Aegean Sea during October 2013. *Continental Shelf Research* 149, 69-81. <http://dx.doi.org/10.1016/j.csr.2017.04.002>
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- Parinos, C., Gogou, A., **Krasakopoulou, E.**, Lagaria, A., Giannakourou, A., Karageorgis, A.P., Psarra, S. (2017). Transparent Exopolymer Particles (TEP) in the NE Aegean Sea frontal area: Seasonal dynamics under the influence of Black Sea water. *Continental Shelf Research*, 149, 112-123. <https://doi.org/10.1016/j.csr.2017.03.012>
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Newberger, T, Omar, AM, Ono, T, Paterson, K, Pearce, D, Pierrot, D, Robbins, LL, Saito, S, Salisbury, J, Schlitzer, R, Schneider, B, Schweitzer, R, Sieger, R, Skjelvan, I, Sullivan, KF, Sutherland, SC, Sutton, AJ, Tadokoro, K, Telszewski, M, Tuma, M, van Heuven, SMAC, Vandemark, D, Ward, B, Watson, AJ, Xu, S, (2016). A multi-decade record of high-quality fCO₂ data in version 3 of the Surface Ocean CO₂ Atlas (SOCAT). *Earth Syst. Sci. Data*, 8, 383–413. <http://dx.doi.org/10.5194/essd-8-383-2016>

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B. ΕΙΔΙΚΕΣ ΕΚΔΟΣΕΙΣ/ΚΕΦΑΛΑΙΑ ΒΙΒΛΙΩΝ

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