

Formal session

Agenda Item F8: Executive Board elections

Meeting Document F8.3: Candidate – Lucie Cocquempot

Lucie Cocquempot (she/her) – *Short Bio*



Oceanographic observation networks coordinator

French Research Institute for Exploitation of the Sea - IFREMER

Department of Oceanography and Ecosystem Dynamics

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French Nationality - Born in 1981 - married and mother of two children

EXPERTISE

Lucie Cocquempot is in charge of the coordination of observation networks within French Research Institute for Exploitation of the Sea (www.ifremer.fr), and a member of the executive boards of several national research infrastructures dedicated to the understanding of the oceans. She has recognized skills in leading cross-disciplinary groups, in the co-construction of observation strategies and in marine data management. As an engineer in physical oceanography by training, she has developed interests in the coordination of multidisciplinary systems, participatory sciences including the valorization of indigenous knowledge, low-tech labs and other open science projects.

Her expertise is acknowledged within her institute and the international groups in which she collaborates. Currently, she is a member of the AtlantOS (<http://www.atlantos-ocean.org>) Steering Committee, the chair of the EuroGOOS (www.eurogoos.eu) Scientific Advisory Working Group and the co-chair of an OPBS (<https://www.oceanbestpractices.org/>) Task Team on "Standard Operating Procedures/Best Practices for Coastal Observations in under-resourced countries".

She is convinced of the need to co-construct a sustainable global ocean observing system as an essential part of the 'value chain' linking ocean and societal interests.

With her atypical profile, rich of various professional experiences, she contributes to the evolution of ocean observation governance, with a user-oriented approach, while valuing the investments made and the dissemination of information.

Lucie Cocquempot (she/her) – *Curriculum Vitae*



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KEY WORDS: Coordination of coastal ocean observing networks, management of national research infrastructures, exchange of best practices, data management plan strategy, systemic approach, citizen science, low-tech labs, co-construction, collaboration + cooperation.

APPOINTMENTS

- Since 2019:** **Oceanographic observation networks coordinator- Research engineer, Ifremer, Brest, France**
2015–2018: Research Engineer in Coastal Monitoring - Strategic Partnerships Specialist, University of Brest, LGO UMR 6538, Brest, France
2012-2015: Head of European & International Affairs Department, University of Brest, Brest, France
2010-2012: European research project promoter, Université de Bretagne-Loire, Brest, France
2008-2010: Senior consultant – prospective specialist, Ayming, Gennevilliers, France
2005- 2008: Consultant – Innovation department, Ayming, Gennevilliers, France

EDUCATION

- 2005: Master of Engineering, École Nationale Supérieure de Techniques Avancées – Bretagne, Brest, France (www.ensta-bretagne.fr)
Expertise: Marine environment - signal processing - instrumentation
2004: *End of studies project at the Scripps Institution of Oceanography (San Diego, CA, USA, www.sio.ucsd.edu). Statistical processing of satellite data and in-situ measurements (6 months),*
2003: *Fellowship at the Woods Hole Oceanographic Institution (Woods Hole, MA, USA, www.whoi.edu). Evaluation of the characteristics of a new prototype of underwater instrumentation (3 months),*
2002: *Participation in the OVIDE campaign at sea - Sampling and analysis of chemical compounds for the Marine Chemistry Laboratory, European University Institute of the Sea - IUEM (1 month).*

RESPONSABILITIES IN COMMITTEES

- Since 2022: Elected member of the All-Atlantic Ocean Observing System (AtlantOS) steering committee
Since 2022: Co-chair of the OBPS Task Team “Standard operating procedures/best practices for coastal observations in under-resourced countries”
Since 2021: Co-chair, then Chair (2023) of the Science Advisory Working Group, EuroGOOS AISBL
Since 2021: Official member representative for Ifremer at the EuroGOOS AISBL
2019-2021: Appointed Member of the Scientific Expertise Group of the Brittany region for climate change and environmental transition (i.e. Regional IPCC)

RECENT RESEARCH PROJECT RESPONSABILITIES AT EUROPEAN LEVEL

- Since 2024 EU Horizon Europe *Land-Sea interface: Let's observe together!* – LandSeaLot project (landsealot.eu), work package co- Leader: WP4 : *Increasing the observation capacity*
Since 2024 EU Horizon Europe *Advance Marine Research Infrastructures Together* – AMRIT project- (cordis.europa.eu/project/id/101132013), official Ifremer representative in the consortium
Since 2021: EU H2020 *Joint European Research Infrastructure for Coastal Ocean – Science, Service, Sustainability - JERICO-S3* project (www.jerico-ri.eu/projects/jerico-s3/), work package Leader WP9: *A sustainable JERICO-RI: Preliminary design towards implementation*
Since 2020: EU H2020 *Joint European Research Infrastructure for Coastal Ocean – Design Study - JERICO-DS* project (www.jerico-ri.eu/projects/jerico-ds/), French National representative (endorsed by both CNRS & IFREMER) in the nation committee
2015-2016 EU FP7 *A High-volume Fusion and Analysis Platform for Geospatial Point Clouds- IQmulus* project (<https://cordis.europa.eu/project/id/318787>), task Leader.

PARTICIPATION IN GOVERNING BOARDS AT NATION LEVEL

- Since 2023: Appointed Member of the Executive Secretariat of the French Ocean Observing System (Fr-OOS), French Ministry of Research.
- Since 2021: Board member of the French Research Infrastructure proposal "Océan Hauturier In Situ" (OHIS; Open Ocean In Situ), French Ministry of Research.
- Since 2019: Board member of the National Marine Data center ODATIS, French Ministry of Research.
- 2019-2021 Member of the Executive Secretariat of Coriolis, an inter-institutional framework agreement for in-situ ocean observation serving both operational oceanography and research needs.
- Since 2019: Board member of the Department of Oceanography and Ecosystem Dynamics, Ifremer
- 2016-2023 Board member of the research infrastructure 'Littorale et Cotière' (ILICO, Coastal Ocean and Seashore Observation), French Ministry of Research.
- 2015-2019 Board member of the national observation network DYNALIT (Coastal dynamics and coastline) accredited by CNRS-INSU

SELECTION OF 5 RELEVANT PUBLICATIONS

1. **Cocquempot Lucie**, Delacourt Christophe, Paillet Jerome, Riou Philippe, Aucan Jérôme, Castelle Bruno, Charria Guillaume, Claudet Joachim, Conan Pascal, Coppola Laurent, Hocdé Régis, Planes Serge, Raimbault Patrick, Savoye Nicolas, Testut Laurent, Vuillemin Renaud (2019). Coastal Ocean and Nearshore Observation: A French Case Study. *Frontiers In Marine Science*, 6(324), 17p. Publisher's official version : <https://doi.org/10.3389/fmars.2019.00324> , Open Access version : <https://archimer.ifremer.fr/doc/00503/61489/>
2. Nichols C. Reid, Wright Lynn D., Bainbridge Scott J., Cosby Arthur, Henaff Alain, Loftis Jon D., **Cocquempot Lucie**, Katragadda Sridhar, Mendez Gina R., Letortu Pauline, Le Dantec Nicolas, Resio Donald, Zarillo Gary (2019). Collaborative Science to Enhance Coastal Resilience and Adaptation. *Frontiers In Marine Science*, 6(404), 16p. Publisher's official version : <https://doi.org/10.3389/fmars.2019.00404> , Open Access version : <https://archimer.ifremer.fr/doc/00637/74921/>
3. Jaud Marion, Delacourt Christophe, Le Dantec Nicolas, Ammann Jérôme, Grandjean Philippe, Allemand Pascal, **Cocquempot Lucie** (2020). Potential of Imaging UAVs for Coastal Monitoring. In *Remote Detection and Maritime Pollution: Chemical Spill Studies*. 2020. Stéphane Le Floch, Frédéric Muttin (Eds) Online ISBN:9781119801849 |DOI:10.1002/9781119801849. ISTE Ltd. PART 4 : Remote Sensing for Exploration. Chapter 10 , pp.133-142 (Wiley).
4. Fernandez Vicente, Lara-Lopez Ana, Eparkhina Dina, **Cocquempot Lucie**, Lochet Corine, Lips Inga (eds.) (2021). Advances in operational oceanography : expanding Europe's ocean observing and forecasting capacity. *Proceedings of the 9th EuroGOOS International Conference*. 3 – 5 May 2021, Online Event. 2021. EuroGOOS. Brussels, Belgium. 574 pp. <https://archimer.ifremer.fr/doc/00720/83160/>
5. Delacourt Christophe, **Cocquempot Lucie**, Castelle Bruno (2019). Introduction: Special Issue on Coastal Evolution under Climate Change along the Tropical Overseas and Temperate Metropolitan France. *Journal Of Coastal Research*, 88(SI 1), 1-2. <https://doi.org/10.2112/SI88-001.1>

OTHER SELECTED PROFESSIONAL ACTIVITIES (RECENT ONLY)

Institutional contact point for Ship of Opportunity/Citizen science programmes dedicated to ocean observation (since 2021)

Invited lecturer: University of Brest, France (since 2018), Association of coast municipality mayors (2015-2017)

Ocean observation initiatives co-coordinator: ISblue, the graduate school dedicated to marine sciences and technologies granted by the French government's programme "Investments for the future" (since 2022)

Proposal reviewer: French Ministry for Research (ANR), French Southern and Antarctic Lands administration (TAAF)

Jury member: for entrance exams of the Ecoles des Mines (2012-2013), for the French High Council for the Evaluation of Research and Higher Education (2024)

National Contact Point for the European Research Council (ERC) excellence programme (2011-2012),

International Conferences co-organizer: 9th EuroGOOS international science conference (online, 3-5 may 2021), EOOS Tech Forum (London, 13 march 2024), UN Ocean conference side-event on Low Cost "Technologies in sustainable ocean observations – From low cost to new technology development (Barcelona, 9 june 2024)

Local Hackathon co-organizer: Science & Sailing creative hackathon 'Aquathon', (2021,2022, 2024) Brest, France