



Coastal Ocean Environment Summer School in Ghana

Regional Maritime University, Accra 31 July-4 August, 2017

Purpose

This week-long summer school will include lectures, hands-on labs, and a field trip, and will address the physics and biogeochemistry of the coastal ocean environment, as well as the tools that scientists use to describe and understand this environment. University students and faculty, government employees, and private sector professionals will all benefit from this school, and a signed certificate will be given out upon completion of the course.

Topics

- Coastal ocean dynamics
- Shoreline geomorphology
- Organic and isotope biogeochemistry
- Satellite and field oceanography
- Numerical modeling of the ocean
- Data analysis techniques
- Oil and gas basin development
- Fisheries management
- Pollutant dispersal



Instructors

- Dr. Samuel Addo, [University of Ghana](#)
- Captain Johnson Adjetey, [Regional Maritime University](#)
- Dr. Joseph K. Ansong, [University of Ghana](#)
- Dr. Brian K. Arbic, [University of Michigan](#)
- Captain Edward Botchway, [Regional Maritime University](#)
- Dr. Andrew J. Lucas, [Scripps Institution of Oceanography](#)
- Dr. Elizabeth B. Kujawinski, [Woods Hole Oceanographic Institution](#)
- Dr. Dimitris Menemenlis, [Jet Propulsion Laboratory, NASA](#)
- Dr. Ebenezer S. Nyadjro, [University of New Orleans and Naval Research Laboratory](#)
- Dr. Emily L. Shroyer, [Oregon State University](#)
- Dr. Adam C. Simon, [University of Michigan](#)
- Mr. Tsei Senam, [Regional Maritime University](#)

Information and applications For more information see the summer school website <https://coessing.org>.

Applications for the summer school can be made at <https://coessing.org/contact/>. Questions about the summer school can be addressed to Mr. Senam Tsei (tsei.senam@gmail.com, Regional Maritime University) and Dr. Brian K. Arbic (arbic@umich.edu, University of Michigan).