

CLIVAR: CLIMATE & OCEAN

variability, predictability and change

18th CLIVAR/IOC-GOOS Indian Ocean Region Panel Meeting

The Marine Desert

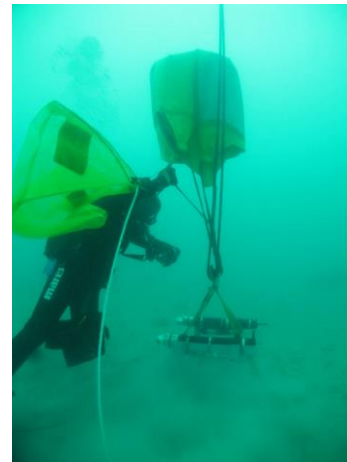
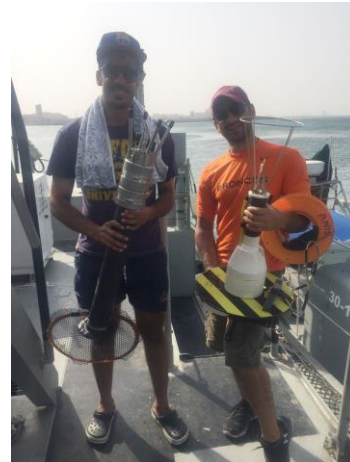
08/02/2023

Fahad Al Senafi



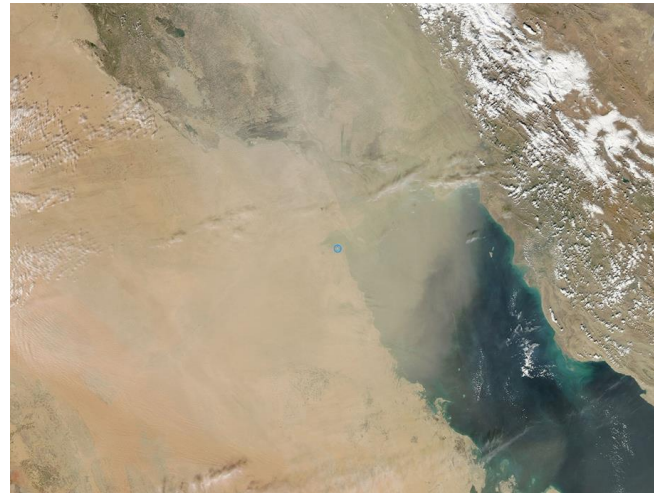
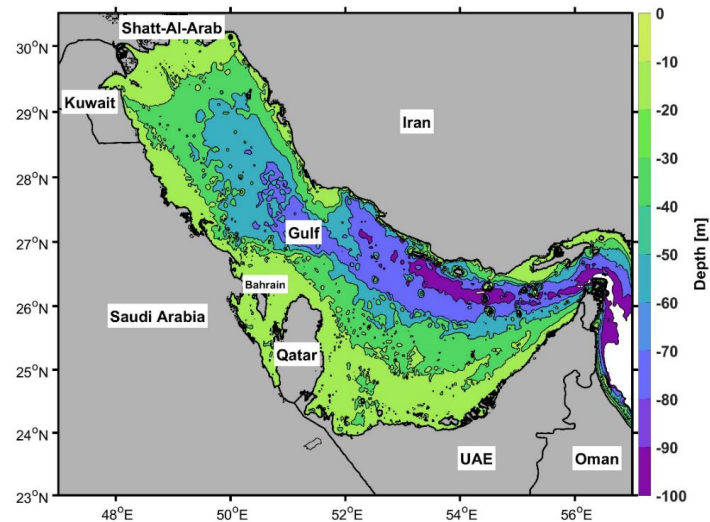
Research Highlight

- Observational study of the Climate and extreme weather events in Arabian/Persian Gulf (2012-2015)
- Internal Wave Climate and Turbulence Mixing of the Gulf (2016-2020)
- Kuwait CubeSat Project (2018-present)
- Dynamical Processes Induced by Atmospheric Forcing in the Gulf (2022-present)



Engage with IORP

- Observational Network!



- Data diplomacy & Sharing (scientists leading the way!)
(see Al-Mudaffar, et al. (2022), Diplomacy for the world's hottest sea. *Science.*, Volume 376, Issue 6600, 1389-1390)
- Capacity building

Societal Impacts and Capacity Development

The large-scale learning and training environment encompasses multidisciplinary, theoretical, and hands-on opportunities with state-of-the-art technology for:

Group A: - Newly established faculty & Senior researchers

Group B: - Senior technical staff & Junior technical staff

Group C: - Students at the 300 and 400 level of their coursework, specifically those enrolled in Marine Physics, Field Methods in Marine Science, and Physical Oceanography as well s graduate students

