

Study of OMZ (oxygen minimum zone) levels in the Mauritanian EEZ: data processing of international campaigns in Mauritania 2000-2018

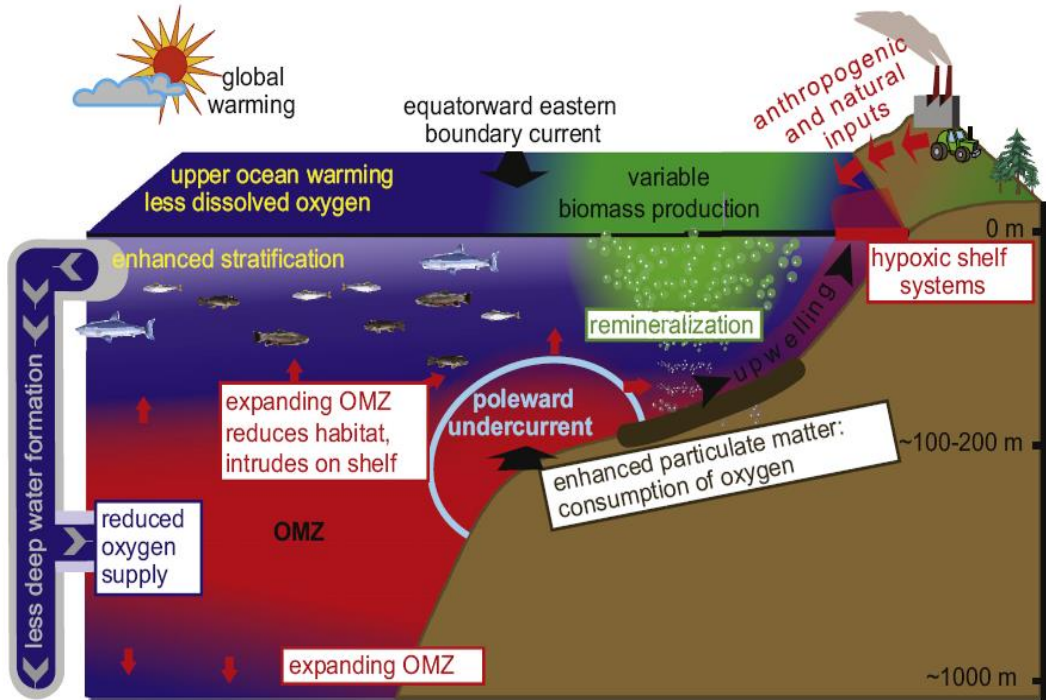
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Context and objective



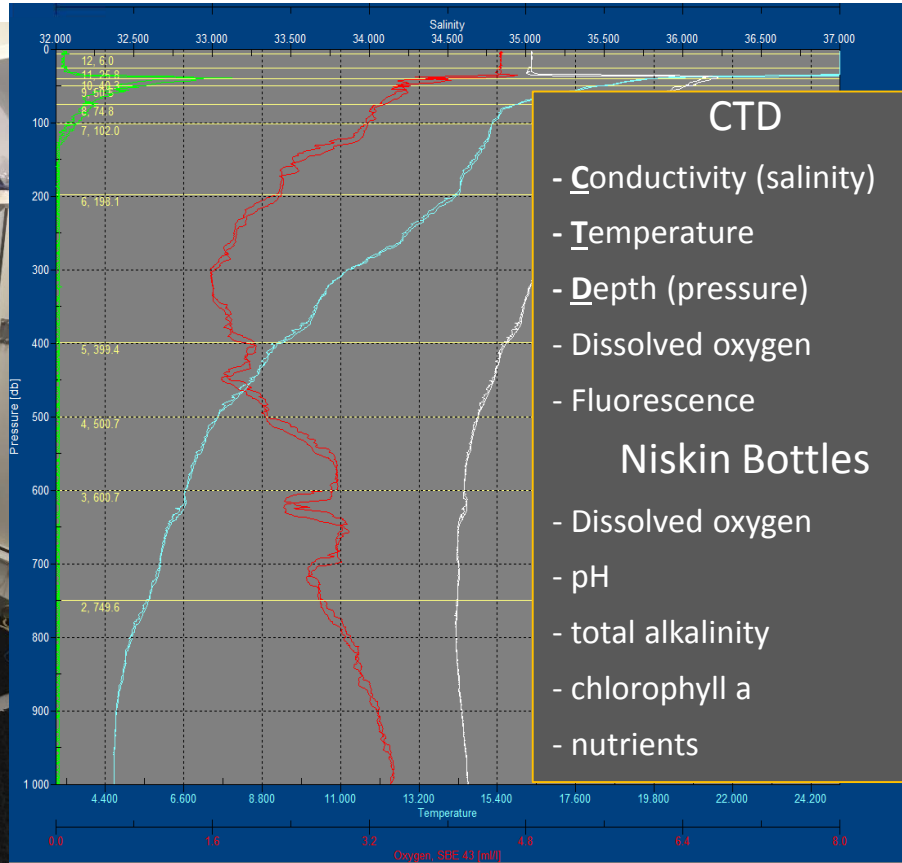
Goal:

- ❖ Identify, evaluate and monitor these OMZs to understand the consequences that could result.
- ❖ Provide for measures in fishery management plans.

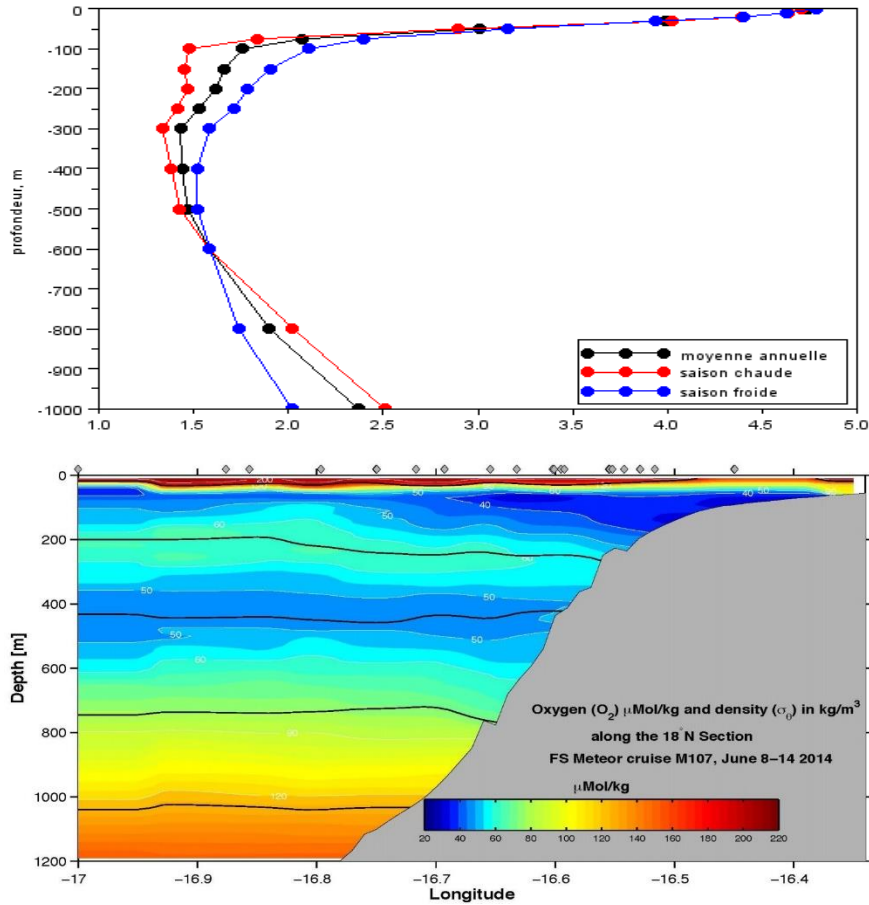
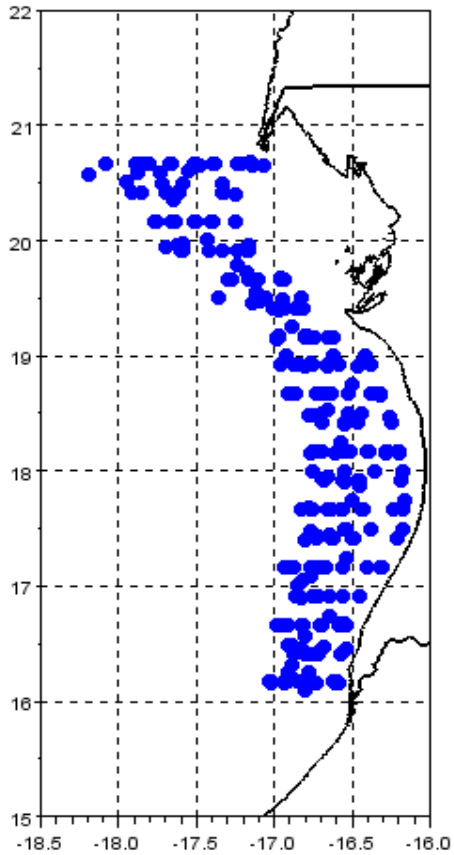
Diaz et Rosenberg 2008



Methodology



Results



- The concentrations in OMZ vary between 1.4 ml / l (62.52 μ mol / kg) and 2.3 ml / l (102.718 μ mol / kg). This shows us that the Mauritanian OMZ is hypoxic.

- This hypoxia is more intense in the hot season, between 1.4 ml / l (62.52 μ mol / kg) and 1.6 ml / l (71.456 μ mol / kg) than in the cold season, between 1.6 ml / l (71.456 μ mol / kg) and 2.3 ml / l (102.718 μ mol / kg).

