



### **Algoa Bay Ocean Governance Masters Projects Call**

#### **Call for applications:**

The Institute for Coastal and Marine Research (CMR), Nelson Mandela University in collaboration with the Equinor South Africa (B.V.) is offering two Masters studies in Algoa Bay. The call is part of the Algoa Bay Project and with the South African Research Chair in Marine Spatial Planning.

Two master studies are offered.

#### **[Masters 1: Thematic Cost-Benefit analysis of marine protected areas in Algoa Bay.](#)**

Masters in Commerce (Research)

Supervision: Professor Ronney Ncwadi, Department of Economics and Dr Bernadette Snow, Department of Development Studies, Faculty of Business and Economic Sciences, Nelson Mandela University.

Marine protected areas worldwide are considered effective conservation measures that benefit both biodiversity conservation and associated ecosystem services. Fisheries adjoining marine protected areas benefit from the spillover effect from marine protected areas. However, conflicts arise during the development and implementation of marine protected areas, particularly where communities and other users (such as fisheries) view the area as a cost to their livelihoods and benefits are not tangible.

This study will contribute towards broader socio-economic studies for the Algoa Bay Project. Using cost benefit analysis tools.

#### **[Masters 2: Effects and risks of planned oil and gas developments on marine ecosystems in Algoa Bay, developing a conflict management framework](#)**

Masters of Science (Research)

Supervisors Professor Amanda Lombard (Chair Marine Spatial Planning), Dr Bernadette Snow and Professor Brenda Scholtz, Computing Science.

Identification of effects and risk of oil and gas exploration activities. Identification of these posed threats will assist in developing a framework and suggest mitigation measures e.g. the timing of seismic events to avoid the whale migration, the squid spawning and penguin breeding windows or the direction of sailing of the ship when doing seismic surveys and the connection with the port (increased shipping, oil spill risk, etc.).

This study will contribute towards the broader governance through marine spatial planning for the Algoa Bay Project. Game allocation theory tools will be used.

#### **Eligibility:**

The call is open to eligible South Africans, who can carry out the objectives of the studies. The successful candidates will hold an Honours degree in Economics (Masters 1) or Science (Masters 2) or a cognate discipline with experience in conducting standard quantitative valuation research or applying game allocation theories.

The successful candidates will be required to register with the University's approved policies, procedures and practices for Masters Studies.

**Value and duration:**

A R90 000 bursary awarded per annum to the successful candidates, based on progress in the second year. Basic research costs are also covered.

The study period is for two years.

**To apply, please submit:**

- A letter of motivation no longer than 2 pages that includes a description of your research interests as pertaining to the call
- Certified academic transcripts (no older than three months)
- Certified copies of degrees obtained (no older than three months)
- Certified copy of matric certificate (no older than three months)
- Certified identity document (no older than three months)
- Curriculum vitae
- Two letters of reference from academics and their email addresses who have taught, supervised or worked alongside you.

Please send your completed application and any queries to Dr Bernadette Snow [Bernadette.snow@mandela.ac.za](mailto:Bernadette.snow@mandela.ac.za)

**Due date for applications:**

Until positions have been filled.

**Selection process:**

Eligible and complete applications will be considered by the research team and we will communicate with short-listed applicants. Incomplete or late applications will not be considered. If you have not heard within two months of the deadline, please assume your application has been unsuccessful.