

SANOCEAN Masters and PhD project calls

Call for applications:

Masters studies: Mapping key socio-economic services and benefits in two Eastern Cape estuaries (Sundays and Swartkops) towards sustainable adaptive fisheries management.

Nelson Mandela University in collaboration with the Norwegian Institute for Nature Research (NINA) and the South African Institute for Aquatic Biodiversity (SAIAB) is offering two Masters studies in resource economics to be conducted in Algoa Bay. This call is part of the SANOCEAN-funded (South African/Norway Co-Operation on Ocean Research) research project: "Benchmarking knowledge-based adaptive management of estuarine fisheries in South Africa for sustainable development".

Along the South African coast there is a general lack of data to sufficiently conduct knowledge-based, adaptive management in fisheries. While novel knowledge of fish ecology and behaviour has been and is still being collected in existing collaborations between SAIAB and NINA, less systematic information exists about key social and economic benefits from these resources and their nursery habitats (estuaries). The majority of coastal fisheries including those outside Africa are multiple use fisheries, often consisting of commercial, subsistence, catch and harvest, and catch and release recreational fisheries. In ecosystem services terms, fisheries provide primarily provisional services (food, income) but also cultural services (pleasure and quality of life). Main services from small scale commercial fisheries are mostly provisional, while recreational fisheries provide primarily cultural services. Properly mapping key services and benefits from estuaries and their fisheries is a critical basis for the development of sustainable management.

Two economics master studies will form the economic component of the SANOCEAN project:

Masters study 1

Collect, analyse and present key estimates of provisional and cultural ecosystem services. Provisional services will be analysed using data on local economic impacts of fisheries in the recreational-dominated peri-urban Sundays Estuary. Cultural services will be analyzed by using survey instruments measuring the cultural value of the fishery.

Masters study 2

Collect, analyse and present key estimates of provisional and cultural ecosystem services. Provisional services will be analysed using data on local economic impacts of fisheries in the urban Swartkops Estuary with both recreational and subsistence fisheries. Cultural services will be analyzed by using survey instruments measuring the cultural value of the fishery.

Travel opportunities: Funding is available for students to travel to Norway on research exchanges.

Eligibility: The call is open to any eligible South Africans, especially female candidates from historically disadvantaged institutes, who can carry out the objectives of the studies. The successful candidates will hold an Honors degree in Economics or a cognate discipline with experience in conducting standard quantitative valuation research.

The successful candidates will be required to register for full-time study in Economics or a cognate discipline at NMU and comply with the University's approved policies, procedures and practices for Masters studies.

The studies will be conducted and supervised in the Department of Development Studies under the Faculty of Business and Economics Sciences at Nelson Mandela University and one or more co-supervisors from the collaborating institutions.

Value and tenure:

Research costs are covered but university fees are not so students will need to apply for scholarship funding (i.e. NRF bursaries).

The study period is for two years, commencing beginning 2020.

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.

-Code B driver's license is an added advantage

Please send your completed application and any queries to

Nina Rivers

Institute for Coastal and Marine Research

Nelson Mandela University

Email: nina.rivers@gmail.com

Telephone: 041 504 3119

Applications are due **June 7, 2019**.

Selection process:

Eligible and complete applications will be considered by the SANOCEAN 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.

Call for applications:

PhD study: Investigating the social, governance and economic dynamics of two Eastern Cape estuaries toward knowledge-based adaptive fisheries management.

Nelson Mandela University in collaboration with the Norwegian Institute for Nature Research (NINA) and the South African Institute for Aquatic Biodiversity (SAIAB) is offering a PhD study in socio-economics to be conducted in Algoa Bay, Port Elizabeth. This call is part of the SANOCEAN-funded (South African/Norway Co-Operation on Ocean Research) research project: "Benchmarking knowledge-based adaptive management of estuarine fisheries in South Africa for sustainable development".

Along the South African coast there is a general lack of data to sufficiently conduct knowledge-based, adaptive management in fisheries. While novel knowledge of fish ecology and behaviour has been and is still being collected in existing collaborations between SAIAB and NINA, less systematic information exists regarding key social and economic benefits from these resources and their nursery habitats (estuaries). There is therefore a need for a more holistic approach to sustainable fisheries policy and management which emphasises the human dimension. The study will therefore focus on the social, governance and economic dynamics of the fisheries in two study sites: the Sundays and Swartkops Estuaries in Algoa Bay, Eastern Cape. Focusing on two sites with contrasting fisher sectors (recreational and subsistence) will allow for a broader contextual understanding and comparison of how these different systems are managed, the governance dynamics and the overall provision and allocation of ecosystem services such as provisional, cultural, economic and social benefits.

The study will incorporate robust qualitative and quantitative methodologies in order to address the social, economic and institutional components. Findings will work toward identifying knowledge-based adaptive management regulations and practices of the two estuaries.

Travel opportunities: Funding is available for the candidate to travel to Norway for research exchanges.

Eligibility: The call is open to any eligible South African, especially a female candidate from historically disadvantaged institutes, who can carry out the objectives. The successful candidate will hold a Masters degree in Development Studies or a cognate discipline with experience in conducting both qualitative and quantitative valuation research.

The successful candidates will be required to register for full-time study in Development Studies or a cognate discipline at NMU and comply with the University's approved policies, procedures and practices for PhD studies.

The study will be conducted and supervised in the Department of Development Studies under the Faculty of Arts or Business and Economics Sciences at Nelson Mandela University and one or more co-supervisors from the collaborating institutions.

Value and tenure:

Research costs are covered but university fees are not so students will need to apply for scholarship funding (i.e. NRF bursaries).

The study period is for three years (2020-2023), commencing early 2020.

To apply, please submit:

- An application letter no longer than 2 pages that includes a description of research interests, research expertise, and suggestion for how you can work towards one or more of the broad project objectives
- 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.
- Code B driver's license is an added advantage

Please send your completed application and any queries to:

Nina Rivers

Institute for Coastal and Marine Research
Nelson Mandela University
Email: nina.rivers@gmail.com
Telephone: 041 504 3119

Applications are due **June 5, 2019**.

Selection process

Eligible and complete applications will be considered by the SANOCEAN 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.