



## MARINE SCIENCE FOR BLUE GROWTH 2024-2030 PROJECT

### Call for Applications into Funded Postdoctoral Fellowship

#### Project Summary

The 2024-2030 UDSM-Sida Marine Sciences Project entitled “Capacity Building in Marine Sciences for Transforming Communities as Blue Economy Beneficiaries (Marine Science for Blue Growth; MSBG)” aims to consolidate postgraduate training and research-based innovation capacity in Tanzania. It is designed to promote the following major thematic areas (i) gender inclusiveness in fisheries and aquaculture for sustainable development, (ii) greening aquaculture via technologies for disease prevention, fish meal replacement and efficient water use, and (iii) sustainable fisheries through remote sensing and smart gears for green capture fisheries. Collaborative problem-based research and research training will involve experts from the University of Dar es Salaam, Stockholm University and Swedish University of Agricultural Sciences.

#### Postdoc positions and research areas

The project is seeking highly qualified scientists and researchers from the University of Dar es Salaam to pursue a two-year postdoctoral fellowship. This programme focusses on advancing green fisheries and aquaculture through two primary focus areas: a) Integrating resource economics and gender inclusiveness in fisheries and aquaculture value chains for poverty reduction in Coastal Tanzania and b) Exploring the chemistry of the black soldier fly improves fish nutrition, feed efficiency, and support sustainable rural aquaculture development.

#### Qualifications and Eligibility

All applicants must possess the following:

- Applicants must have a PhD from an institution recognized by the Tanzania Commission for Universities at the time of application.
- The applicant must demonstrate extensive and well-established research experience in aquaculture, chemistry, marine resource economics, fisheries or closely related fields.
- Willingness to commit full-time effort to his or her postdoc program at the Institute of Marine Sciences, University of Dar es Salaam.
- Must be a Tanzanian citizen and an academic staff of the University of Dar es Salaam.
- Priority will be given to candidates who completed their PhD training under the previous Sida–UDSM project and seek to upscale and consolidate their prior research works.

#### Application Requirements

Applicants are required to submit the following documents before the specified deadline:

- Application cover letter expressing the applicant’s interest in apply for the postdoctoral program.



- Letter of commitment from Proposed Mentor:: Applicants must provide a letter from an identified mentor confirming their commitment to offer mentorship throughout the duration of the postdoctoral period. The mentor must be a Professor and a recognized expert in the relevant research area.
- Updated curriculum vitae (CV)
- Certified copies of academic certificates and transcripts:
- Two letters of recommendation
- Research concept note: Outline a proposed postdoctoral research topic aligned with the thematic areas. It must include the background, research objectives or questions, proposed methodology, required resources, and the type of mentorship needed for successful completion (Maximum 4 Pages):

## Benefits for Successful Postdoctoral Fellows

Successful postdoctoral fellows will receive the following support:

- A monthly stipend for a period of two (2) years
- Local travel support to facilitate fieldwork activities
- Access to IMS research laboratories and the opportunity to conduct research at the Pangani Mariculture Center
- Opportunities to present research findings at regional conferences
- Access to extensive local and international research networks supported by the Sida-UDSM Project

## Expected Outputs and Deliverables

The Postdoctoral Fellow will be required to:

- Publish at least two (2) original research articles in reputable international peer-reviewed journals
- Develop two (2) policy briefs targeting relevant stakeholders
- Present research findings at a minimum of one (1) regional or international conference
- Submit periodic progress and a comprehensive final technical report upon completion of the fellowship

## Postdoc Enrolment, Evaluation and Deadline

The entire application package must be submitted by e-mail with the subject title “Marine Sciences Postdoc Application” to the Principal Investigator (PI) Dr. Mbiru Moses Mapombe ([mapombe.mbiru@udsm.ac.tz](mailto:mapombe.mbiru@udsm.ac.tz); [mbiru1982@yahoo.com](mailto:mbiru1982@yahoo.com)) copied to Dr. Rukia Kitula (Co-PI; [rukia.kitula@udsm.ac.tz](mailto:rukia.kitula@udsm.ac.tz)) and Director’s office ([director.ims@udsm.ac.tz](mailto:director.ims@udsm.ac.tz)) before 12<sup>th</sup> April 2026.

Applications received later than this date will not be considered. Only successful candidates will be contacted by telephone or email for further steps.