

## Call for applications for 1 PhD Fellowship within applied entomology, Zanzibar.

### Project Outline

The Danish Ministry of Foreign Affairs through the Consultative Research Committee for Development Research (FFU) has recently granted the research project: *Environmental sustainability of hotels on Zanzibar* (EnSuZa) full support including funding for a PhD fellowship with a focus on non-chemical environmental control of mosquitoes at selected Zanzibar hotels and their immediate surroundings.

The study will involve the selection, implementation and evaluation of non-chemical method(s) for control of mosquitoes in the hotel setting, including entomological assessments at baseline and post-intervention. Specifically, this will include identification of predominant mosquito species, monitoring of larval and adult abundance as well as the characterisation of larval habitats. Relevant analyses of insecticide resistance based on bioassays, and possibly molecular methodologies, will also be part of the project, in relation to changes in insecticide use. The PhD fellow will conduct all fieldwork activities in close collaboration with hotel management and academic staff from State University of Zanzibar, as part of a larger team of regional and international researchers working on the EnSuZa project.

### Qualifications

- Candidates are required to hold a relevant Master of Science degree within the field of natural sciences
- Experience with entomological fieldwork is considered essential
- Candidates must have strong communication skills in English, both oral and written
- Willingness to work in a multi-disciplinary and multicultural team is a requirement
- Experience from an international research environment is considered an advantage
- Documented knowledge and skills within molecular techniques is considered an asset

### Application

*Applications must include the following documents:*

- Cover letter describing why you wish to undertake this fellowship and how this study may further your career (max. 1 page)
- Short concept note focusing on the subject of environmental management for mosquito control with particular focus on push-pull techniques and strategies (max. 3 pages, excluding references)
- Recent CV indicating previous and/or current employer(s) and position(s) held, as well as a list of peer reviewed publications (if any)
- Certified copies of academic transcripts and relevant certificates
- Letters of recommendation from two academicians including phone numbers and e-mail addresses

Please note that all shortlisted candidates are required to attend a **selection interview** and to give a **presentation of the concept note** as part of this interview. If necessary, these interviews may be conducted via Skype. The date of the selection interview will be communicated **within 2 weeks** of the application deadline.

### Application deadline

Applications must be submitted by email to Principal investigator, Peter Furu, [furu@sund.ku.dk](mailto:furu@sund.ku.dk), before 14.11.2018. Applications received later than this date will not be considered.

### PhD enrolment and evaluation

The successful candidate **will be enrolled at a University in the African region** and offered a 3-year PhD scholarship covering university fees, research costs and a student stipend in accordance with national tariffs. The PhD supervision will be a joint effort between faculty at the University of enrolment and the University of Copenhagen. The PhD fellow will have the opportunity to take advanced courses at both Universities. Evaluation of the progress of the PhD activities will be done according to current regulations at the University of enrolment.

Further details may be obtained from Principal Investigator Peter Furu: [furu@sund.ku.dk](mailto:furu@sund.ku.dk)

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The EnSuZa project is funded by the Danish Ministry of Foreign Affairs (Danida) and administered by the Danida Fellowship Centre (DFC). The Project is headed by University of Copenhagen in collaboration with State University of Zanzibar (SUZA), Copenhagen Business School and Aalborg University.



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