



ADVERTISEMENT:

**ADOPTING MULTI-DISCIPLINARY APPROACHES IN GENETIC IMPROVEMENTS,
NUTRITIONAL ENHANCEMENT AND CLIMATE CHANGE ADAPTATION FOR IMPROVED
PRODUCTION OF NILE TILAPIA IN UGANDA
(Reference Number: ARISE-PP-44)**

PhD RESEARCH FELLOWSHIP

A. BACKGROUND

National Agricultural Research Organisation (NARO) in collaboration with Makerere University, College of Natural Sciences, was awarded a research grant under the European Union-funded project: The grant is meant to support research intended to “*Adopt multi-disciplinary approaches in genetic improvements, nutritional enhancement and climate change adaptation for improved production of Nile tilapia in Uganda (ARISE-PP)*”. The project is implemented in collaboration with the Department of Zoology, Entomology, and Fisheries Sciences, College of Natural Sciences, Makerere University. The overall objective of the assignment is to breed Nile tilapia for fast growth and temperature resilience, and formulate commercially competitive and environmentally safe fish feeds for sustainable production of Nile tilapia in Uganda.

Secondly, the project is to formulate and produce commercially competitive and environmentally safe fish feeds for sustainable production of Nile tilapia in Uganda. Additionally, the project intends to innovate feeds and feeding regimes that are hinged on the circular economy concept, and conduct growth studies in the key Agricultural zones across Uganda.

The project is looking for a self-motivated, hardworking, spirited and multitasking female candidate to take on a PhD training under

B. RESEARCH FELLOWSHIPS

Applications are invited from PhD candidates to undertake research towards development of commercially competitive and environmentally safe fish feeds for sustainable production of Nile tilapia in Uganda, under the circular economy concept. The thematic area of the research is: innovating Nile tilapia feeds and feeding regimes based on the circular economy concept.

This is a competitive call and is open to candidates who hold an MSc in Fisheries and Aquaculture-related training from public or private universities in Uganda accredited by the UNCHE, or elsewhere.

One PhD fellowship is available to support research costs and modest monthly stipend for candidates preparing to start research projects in the academic year 2022/2023.

C. ELIGIBILITY

- i. The applicant must have completed a MSc degree in aquaculture and Fisheries Sciences or closely related, with outstanding grades.



- ii. Females students and candidates with disabilities are particularly encouraged to apply.
- iii. Applicants must provide evidence of successful completion of MSc **in Fisheries and Aquaculture-related studies** from a public university registered/chartered by the Uganda National Council for Higher Education (UNCHE)
- iv. Candidates should demonstrate ability to complete the PhD program within 3 years.

D. APPLICATION PROCESS

Interested candidates should send in their application package constituting:

- i. One-page motivation letter.
- ii. Copies of certified academic documents.
- iii. Curriculum vitae (maximum 2 pages).
- iv. 2-3-page Concept Note on the research topic of interest within the above thematic areas.
- v. Recommendation letters from two academic referees, with their contact emails and telephone numbers.

E. SUBMISSION

Applications should be compiled into a single PDF file and submitted electronically to the project students Coordinator Dr. Godfrey Kawooya Kubiriza (Email: godfrey.kubiriza@mak.ac.ug or kubirizag@gmail.com) with a copy to the Principal Investigator of the Project Dr Margaret Aanyu (maggieaanyu@gmail.com), by Friday the **12th of May, 2023** not later than 17:00 PM. Only qualifying candidates will be invited for the interviews.