



THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF AGRICULTURE
TANZANIA AGRICULTURAL RESEARCH INSTITUTE



Ref. No. DA.14/435/01”B”/122

17 September, 2026

TO ALL TARI STAFF

RE: CALL FOR MASTERS SCHOLARSHIP UNDER THE AGRICULTURE AND FISHERIES DEVELOPMENT PROGRAM (AFDP) IMPLEMENTED UNDER THE TANZANIA AGRICULTURAL RESEARCH INSTITUTE (TARI)

The Tanzania Agricultural Research Institute (TARI) is implementing the Agriculture and Fisheries Development Program (AFDP), which focuses on contributing to inclusive food systems for improved livelihoods, food security, nutrition and climate resilience. The development objective of the Program is to enhance sustainable productivity, resilience, profitability and commercialization of selected crop seeds, fisheries and aquaculture, with particular attention to women’s empowerment and youth participation.

In crop production, AFDP aims to expand the production of improved crop seeds of maize, sunflower, beans and pulses while emphasizing women’s empowerment and youth participation. The implementation of AFDP in Tanzania started in 2022/2023. Among the activities implemented are the production of early generation and certified seeds. Early generation seeds (pre-basic seeds) are produced by TARI, while basic and certified seeds are produced by ASA before distribution to agro-dealers and farmers.

AFDP is tracking the adoption rate and impact of improved seeds of maize, sunflower, bean, pulses and climate-smart agriculture technologies among farmers in the Central Corridor of Tanzania. To support this activity, four (4) students will be offered Master of Science (MSc) scholarships to undertake research within the program areas in Tanzania.

RESEARCH THEMES FOR MASTERS SCHOLARSHIP APPLICANTS UNDER AFDP

Master’s students will focus their research on one of the following three themes. Applicants may select any of the four crops (maize, beans, pulses or sunflower) in any of the 41 AFDP districts across 11 regions of Tanzania, namely Morogoro, Dodoma, Singida, Tabora, Geita, Tanga, Mwanza, Shinyanga, Manyara, Lindi and Pwani.

1. Seed Delivery Systems and Adoption

Evaluating seed delivery models, adoption rates, and determinants of uptake among smallholder farmers.

2. Seed Systems and Climate Change

Assessing the role of improved seed systems and adoption of improved varieties in reducing climate risks, contributing to climate adaptation (seed systems as pathways for climate adaptation), and enhancing resilience among smallholder farmers.

3. Economic Outcomes of Improved Seed Adoption

Assessing treatment/interventions (what farmers adopt or are exposed to) and their economic outcomes, including distributional impacts that address equity and inclusion, such as which groups benefit most (smallholders, medium-scale farmers, women and youth).

KEY ECONOMIC OUTCOMES MAY INCLUDE

- Productivity growth: yield increases over time.
- Household-level welfare impacts: income, food security and nutrition outcomes.
- Market access and profitability: ability to sell surplus and competitiveness in the AFDP value chains.

AREAS OF INTERVENTION / TREATMENT TO BE ASSESSED

- Adoption of improved maize, beans, pulses and sunflower seeds versus local varieties.
- Seed replacement rates.
- Access to improved seed delivery systems, including agro-dealers, AMCOS and other channels.

GENERAL CONDITIONS

- All candidates must be TARI employees;
- Not more than 45 years old;
- Only qualified applicants will be contacted for oral interview;
- Candidates must attach an up-to-date Curriculum Vitae (CV);
- Candidates must attach their certified copies of academic qualifications;
- All applicants must attach a College/University admissions form;
- Women are highly encouraged to apply;
- Deadline For application is two weeks from the date of this announcement.
- Successful applicants are expected to be enrolled in October 2026.

Please apply to the following address:

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Tanzania Agricultural Research Institute,
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