



JOB DESCRIPTION - ECOTECHNOLOGY SENIOR SCIENTIST

Job Title: Ecotechnology - Senior Scientist For the role of Project Management

Job Code: ECSS20324-C

Programme Area / Department: Ecotechnology

The MSSRF is seeking a Senior Scientist specializing in Ecotechnology to lead research and development initiatives aimed at promoting sustainable environmental practices and technologies. The Senior Scientist will collaborate with multidisciplinary teams to design and implement innovative solutions addressing agri food systems, agro-ecological challenges, with a focus on climate change, natural resources management, markets and value chains

Qualifications: Ph.D. in Agriculture

Experience: Minimum 5 years of experience in research and development, with a focus on ecotechnology and sustainable development.

Responsibilities:

- **Project Management:** Oversee project planning, budgeting, and implementation, ensuring compliance with donor requirements, timelines, and objectives.
- **Research and Development:** Lead research projects in Ecotechnology, including the development and testing of innovative solutions for sustainable resource management.
- **Technology Assessment:** Evaluate the feasibility and effectiveness of ecotechnological solutions, including assessing their environmental impact, scalability, social acceptability and cost-effectiveness.
- **Collaboration and Partnership:** Collaborate with internal and external stakeholders, including government agencies, academic institutions, and community organizations, to foster partnerships and leverage resources for ecotechnology initiatives.
- **Capacity Building:** Provide training and technical assistance to staff, partners, and stakeholders on ecotechnology principles, practices, and tools for sustainable development.
- **Knowledge Dissemination:** Publish research findings in peer-reviewed journals, present findings at conferences and workshops, and contribute to knowledge sharing platforms to disseminate best practices and lessons learned.

Required Competencies:

- Demonstrated expertise in designing and implementing research projects, including data collection, analysis, and interpretation.
- Strong communication and interpersonal skills, with the ability to collaborate effectively with diverse stakeholders and communicate complex scientific concepts to non-technical audiences.
- Proven track record of publications in peer-reviewed journals and presentations at scientific conferences.
- Experience in project management, including budgeting, grant writing, and donor reporting.
- Knowledge of relevant software tools and technologies for data analysis, modeling, and simulation.
- Commitment to the mission and values of the MSSRF, including a dedication to environmental conservation and social justice.