

# M. S. Swaminathan Research Foundation

3rd Cross Road, Taramani, Chennai 600 113

**Position:** Senior Scientist (Bioenergy Research)

**Location:** Chennai

**Application deadline:** 25 September 2009

**Salary:** 17,000–750–27,000

## Job purpose

Contribute research inputs to the project on **Policy Innovation Systems for Clean Energy Security**, which attempts to analyse how bioenergy is to power sustainable development. The main focus is to investigate and evaluate the circular and dynamic relationships between the climate and environment, and the production and consumption of bioenergy in Indian rural context.

## Expected outcomes

Provide research support to identify, document and assess case studies that have helped in catering to rural energy needs and helped in mitigating climate impacts, across the country.

- Develop knowledge products (thematic studies and assessments, good practices, indicators, roadmaps, policy briefs, etc.).
- Assist in providing technical frameworks and guidance to project; including economic and environmental tradeoffs between food and bioenergy production, and criteria and indicators of sustainability.
- Bring an understanding of bioenergy use and its impacts on health in the Indian context.
- Actively participate in external networks, and contribute to knowledge sharing and harmonization efforts through conferences, external publications and others.

## Education requirements

A post-graduate degree in agriculture/agriculture engineering, environmental/forest management, or environmental economics with focus on energy issues. Candidates having Ph.D. in energy related area are encouraged to apply.

## Relevant experience and other requirements

- Suitability to undertake the responsibilities mentioned above at the required level.
- At least 3 years of relevant professional experience in energy related researches as well as climate change issue.
- A good understanding of climate change impacts pathways to bioenergy crops and agro-industrial waste streams.
- Excellent oral and written communication skills in English; well versed with computer applications.

Contact:

### Manager (P&A)

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