

Mexico-Japan Exchange Program for the Strategic Global Partnership

Information for applicants

1. Course Title

Bioenergy Crops

2. Name of Mexican Institution:

National Forestry, Crops and Livestock Research Institute (INIFAP)

3. Brief Profile of the Institution

INIFAP is an institution of science and technology, with leadership and with national and international recognition for its capability to respond to demands in knowledge and technological innovations in the agricultural, livestock and forestry sector. For the development of research activities, INIFAP is organized in 8 Regional Research Centers, which are in charge of the 38 Experimental Stations located along the Mexican Republic.

The Experimental Station Rosario Izapa located in Tuxtla Chico in the State of Chiapas, research activities are about coffee, cocoa, mango, soya, tropical ornamental plants, biotechnology, mangosteen, and bioenergy crops. Rosario Izapa is the principal place of INIFAP Bioenergy Research National Program.

4. Course dates:

From November 18th to December 4th, 2015

5. Field of the Training Program:

The course provides an overview of bioenergy crops.

6. Course Objective:

Participants will learn about technologies for the production of tropical bioenergy crops such as *Jatropha curcas*, *Ricinus communis*, *Moringa oleifera*, sugar cane and other bioenergy potential species.

7. Course capacity

Maximum five (5) participants.

8. Tentative Course Programme

- Current situation of bioenergy in Mexico.
- Current situation of the bioenergy in Mexico
- Genetic diversity and varieties crop selection
- Management of bio-energetic crops
- Bio-fertilizers as bioenergetic crops nutrition
- Bio-energetics crops diseases management
- Bio-energetic crops pests management
- Bio-energetic crops asexual propagation
- Quality of bio-energy biomass

9. Course Location

The course will be at different research centers of INIFAP located in the States of Chiapas and Colima. The research centers have offices, greenhouses, growth chambers, vegetable fields, and germplasm banks. There are researchers including, agronomist, plant physiologists, entomologists, plant pathologists, agricultural economist, hydrologists, etc.

10. Trainees profile (academic, professional, linguistic, others)

Academic Background	Science Degree, Master Science or Ph. D. (Student or Degree)
Work Experience	Topics related to bioenergy
Years of Experience	At least two (2) years
Language Proficiency	All participants need to be competent in English
	English Scores: TOEIC: 700 pts TOEFL PBT: 500 TOEFL IBT: 90 IELTS: 6

11. Dress code

Informal, comfortable to visit farms and fields.