

International Cooperation Division

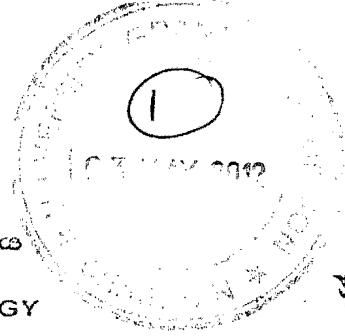
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08 MAY 2012

University Grants Commission

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MINISTRY OF POWER AND ENERGY



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அணுசக்தி அதிகார சபை
ATOMIC ENERGY AUTHORITY

අංක 60/460, බේස්ලයින් පාර,
ඔරුගොඩවත්ත, වෙල්ලම්පිටිය,
ශ්‍රී ලංකාව.

இல. 60/460, பேஸ்கலைன் வீதி,
ஒருகொடவத்த, வெல்லம்பிட்டிய,
இலங்கை.

No 60/460, Baseline Road,
Orugodawatta, Wellampitiya,
Sri Lanka.

මගේ අංකය AEA/IAEA/RAS5064
எனது இல. My No.

ඔබේ අංකය
உமது இல. Your No.

03rd May 2012.

Secretary,
Ministry of Higher Education,
Ward Place,
Colombo 07.

Group Fellowship (1 month), 23 July – 17 August 2012, Vienna, Austria.

The International Atomic Energy Agency (IAEA) has invited nominations from its Member States for the above Group Fellowship programme to be held in Vienna, Austria from 23 July to 17 August 2012 under the activities of the IAEA Project RAS/5/064 on "Enhancing Productivity of Locally-underused Crops through Dissemination of Mutated Germplasm and Evaluation of Soil, Nutrient and Water Management Practices" (Prospectus is attached).

The objective of the training on agricultural water management is to improve skills, knowledge and technical competency of scientific and technical personnel from Asia and the Pacific for managing soil, water, crops and nutrients in agriculture that will be disseminated to local agricultural officers and farmers in order to improve water use efficiency, crop productivity and environmental quality.

The training committee of Atomic Energy Authority (AEA) has recommended to obtain suitable nominations from universities functioning under your Ministry. As such please be good enough to arrange to forward a suitable nomination for participation in the above programme through your Ministry immediately as the deadline for the submission of nominations to IAEA is **18th May 2012**. An additional copy may be submitted to the AEA directly through the Head of the Institute as advance information. It is required that applications are neatly typed as applications filled with illegible hand-writing are rejected by the IAEA.

Please note that, it has become mandatory for participants to have successfully completed the courses for **Basic and Advanced Security in the Field: Safety Health and Welfare** prior to traveling to place that have security phases in effect. These courses can be downloaded from the websites mentioned in the prospectus or available in the form of a CD-ROM, which can be obtained from the International Division of the AEA. Upon successful completion of the final test, a certificate will be generated automatically. A printed copy of the certificate must be attached to the nomination.

J.M.A.C. Jayasinghe,
Executive Director / CEO,
Atomic Energy Authority

- CC.:
1. Secretary, Ministry of Power & Energy – for information.
 2. Chairman, University Grant Commission, Ward Place, Colombo 07.
 3. Head, Department of Agricultural Crop Science, Faculty of Agriculture, University of Peradeniya.
 4. Dean, Faculty of Agriculture, University of Peradeniya, Peradeniya.
 5. Dean, Faculty of Agriculture, University of Ruhuna, Mapalana, Kamburupitiya.
 6. Dean, Faculty of Agriculture, University of Eastern, Chenkaladi, Batticaloa.
 7. Dean, Faculty of Agriculture, University of Jaffna, Thirunelvely, Jaffna.

Training Letters/අනුමැතියුම්පත්/අනුමැතියුම්පත්/අනුමැතියුම්පත්/HIGDE 94 - 11 - 2547333

General: 94 - 11 - 2533427 Fax: 94 - 11 - 2533448
94 - 11 - 2533428 94 - 11 - 2534207
94 - 11 - 2533449

E-mail: officialmail@aea.lk Web: http://www.nsf.ac.lk/aea

(ALL CORRESPONDENCE TO BE ADDRESSED TO THE CHAIRMAN, ATOMIC ENERGY AUTHORITY)

International Atomic Energy Agency
Prospectus for Group Fellowship Training (one month)
on Agricultural Water Management

Project Number and Title:	RAS/5/064 - Enhancing Productivity of Locally-underused Crops through Dissemination of Mutated Germplasm and Evaluation of Soil, Nutrient and Water Management Practices
Title of Activity	Group fellowship training on agricultural water management to support crop production in Asia and the Pacific.
Venues	Vienna, Austria and Seibersdorf, Austria
Date	23 July-17 August 2012
Language	English
Deadline for Nominations	18 May 2012 (Applications received later than this date will not be accepted due to administrative constraints)
Organizer	The International Atomic Energy Agency
Local organizer	Mr Long Nguyen Soil and Water Management and Crop Nutrition Section FAO/IAEA Joint Division For Nuclear Application in Food and Agriculture International Atomic Energy Agency Vienna, Austria Phone: 43-1-2600 21648 Fax: 43-1-26007 e-mail: M.L.Nguyen@iaea.org
Purpose of the meeting	<p>The objective of the training on agricultural water management is to improve skills, knowledge and technical competency of scientific and technical personnel from Asia and the Pacific for managing soil, water, crops and nutrients in agriculture that will be disseminated to local agricultural officers and farmers in order to improve water use efficiency, crop productivity and environmental quality. The specific objectives of the training are:</p> <ol style="list-style-type: none">1. Practical experience with a range of soil water sensors including soil moisture neutron probes for determining soil water status and establishing optimal irrigation schedules.2. Informed knowledge on the use of isotopic techniques for on-farm assessment of management factors that affect soil water removal through crop transpiration and soil evaporation and ultimately provide valuable information of farm management practices that influence the water use efficiency by crops.3. First-hand experience and familiarity with the use of the AquaCrop model to compare the efficiency of different irrigation systems (e.g. drip, flood, sprinkler or furrow irrigation); to optimise irrigation scheduling and to improve agricultural irrigation management practices.4. Water quality, managing salt affected soils and saline waters for crop production.5. Isotopic techniques for quantifying water and nutrient use efficiency

and evaluating crops tolerant to drought and salinity.

Nature of the training

The proposed training programme will focus on:

1. Direct measurements of soil water content using neutron probe, time domain reflectometry (TDR), Diviner 2000 and tensiometers, and soil water balance calculation;
2. Evapotranspiration, crop water use and irrigation planning and management including the use of AQUACROP model for yield response to water;
3. Isotopic techniques for quantifying water and nutrient use efficiency and evaluating crops to drought and salinity tolerance;
4. Soil and water sampling for isotopic analysis;
5. Salinization of soil and water – theory and practice.

Participation:

The meeting is open to scientific and technical personnel of Member Countries from Asia and the Pacific. A maximum of 20 candidates will be selected in order of technical merit.

Participant Qualifications:

Nominated participants should have the following qualifications:

1. Extensive professional experience in soil and water management
2. Sound expertise in crop production response to water management
3. Competent position for knowledge dissemination to farmers and local agricultural officers.

Assistance:

The Agency will provide financial support (DSA and travel) to the participants officially nominated by the Member States from Asia and the Pacific.

Application procedures:

Nominations should be submitted on the standard IAEA Nomination Form for Fellowship (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.

Applications must be received by the International Atomic Energy Agency, P.O. Box 100, A-1400, Vienna, not later than (18 May 2012). Nominations received after this date or which have not been routed through the established official channels cannot be considered.

We would also like to strongly encourage the use of InTouch (<http://intouch.iaea.org/>), the communication platform for the IAEA's technical cooperation community, which was released to the Member States in February 2011. It is recommended to apply through InTouch for faster and streamlined processing of applications. InTouch allows registered users to complete and maintain their professional profile online, and to apply for fellowships and other activities. InTouch also maintains an online history of the participation of registered users in the TC programme.

In order to apply as a fellow for this group fellowship training, please complete the following steps:

1. Register to receive a login and a password
(help under <http://intouch.iaea.org/sign-up help>)
2. Fill in your profile
(help under <http://intouch.iaea.org/profile help>)

3. Apply as a fellow

(help under <http://intouch.iaea.org/fellowship> application help)

Help for each step is available under the Help tab at the top of the web page. Please send any feedback or questions to the InTouch contact point (InTouch.Contact-Point@iaea.org).

Please do not apply in parallel using the MS Word Nomination Form. Use the MS Word Nomination Form only if your Internet connection does not permit to apply through InTouch and the National Liaison Officer/Assistant/National Coordinator of your country cannot submit the application in your name

Security in the Field

It is recommended that fellows complete the course Basic Security in the Field: Safety, Health and Welfare (BSITF) prior to travelling to locations where UN security phases are in effect. The aim of this course is to educate fellows on how best to avoid or minimize potential dangers and threats, and to show what individuals can do if they find themselves in insecure situations.

The course is available on the following UN website by using Microsoft Internet Explorer:

BSITF: <https://dss.un.org/BSITFII/>

If you have difficulty using the websites, a CD-ROM can be obtained from your IAEA National Liaison Officer, or from IAEA.

Once the candidate has completed the course and passed the accompanying exam, a certificate will be generated automatically and must be printed for submission to the IAEA (either as an e-mail attachment or by fax). Copies of the certificate should be kept by the candidate for his/her records, as it is valid for a period of three years.

Administrative and Financial Arrangements

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected fellows from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to (to be decided), and a fellowship stipend. Shipment of accumulated materials to the fellows' home countries is not the responsibility of the IAEA.

IAEA does not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a fellow while he/she is travelling to and from the host country or during the training, and it is clearly understood that each Government, in nominating fellows, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.