



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO)  
INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)

**International Symposium on Nuclear Techniques in  
Integrated Plant Nutrient, Water and Soil Management**

Vienna, Austria  
16 - 20 October 2000

**INFORMATION SHEET**

**1. Introduction**

Sustainable agricultural development has one overriding goal: to produce adequate food for the ever increasing population of the world without damaging the natural resources upon which future generations depend. In developing countries, most increases in food production will be from intensification of agricultural production on the existing, limited arable land. Therefore, one of the strategic objectives of the Joint FAO/IAEA Programme is to develop and promote the adoption of integrated approaches to soil, water and nutrient management practices using nuclear techniques for sustainable intensification of cropping systems and conservation of the natural resource base. This integrated approach calls for an active involvement of scientists from agricultural, hydrological, biological and ecological background, in addition to isotope specialists in these specific fields.

This FAO/IAEA Symposium will provide an international forum for a comprehensive review of the present state-of-the-art and recent advances made in the development of this integrated approach. Contributions are invited on the themes listed below and should preferably have a new research-based development component or deal with significant refinement of isotope and other nuclear-based methods and/or open new fields of application

to investigate/assess the impact of management practices on sustainable crop production and environmental stewardship.

## **2. Main Themes of the Symposium**

To achieve an efficient scientific interaction, the Symposium will consist of sessions devoted to specific themes. Prospective participants are invited to submit a paper on one of the following topics (see Section 5 below), and to take an active part in the discussion during each session:

- a) Soil organic matter dynamics and nutrient cycling
- b) Evaluation and management of natural and manufactured nutrient sources
- c) Soil water management and conservation
- d) Assessment of soil erosion and sedimentation
- e) Plant tolerance to environmental stress factors
- f) Environmental and pollution studies
- g) Recent advances in isotope analytical methodologies and related instrumentation.

## **3. Participation**

All persons wishing to participate in the meeting are requested to complete a Participation Form (see attached Form "A") and send it as soon as possible to the competent official authority (Ministry of Foreign Affairs, Ministry of Agriculture, national FAO committee or national atomic energy authority) for subsequent transmission to the IAEA. A participant will be accepted only if the Participation Form is transmitted through the government of a Member State of the sponsoring Organizations or by an organization invited to participate.

Participants whose designations have been received by the IAEA will be notified directly two to three months before the meeting.

## **4. Expenditure**

As a general rule, the IAEA does not pay the cost of attendance, i.e. travel and living expenses, of participants. However, limited funds are available to help meet the cost of attendance of selected specialists from **developing countries with low economic resources**. Generally, not more than one grant will be awarded to any one country.

If governments wish to apply for a grant on behalf of one of their specialists, they should address specific requests to the International Atomic Energy Agency to this effect. Governments should ensure that applications for grants:

- (a) be submitted by **19 May 2000**.

- (b) be accompanied by a duly completed and signed Grant Application Form (as attached).

Applications which do not comply with the conditions mentioned under (a) and (b) cannot be considered.

The grants awarded will be in the form of lump sums usually covering only part of the cost of attendance.

No registration fee is charged to participants.

## 5. Papers

All papers - apart from invited review papers - must present **original** work; they should not have been published elsewhere.

### Deadline for submission

- (a) A completed **Form for Submission of a Paper** (Form "B"), together with the Participation Form (Form "A") and two copies of an **extended synopsis** of 800 words (i.e. two A4 format pages of single spaced typing or the equivalent, including any tables or diagrams and a few pertinent references) must be sent (in English) to the competent official authority for transmission to the IAEA by **19 May 2000** (see Section 12 below).

The synopsis should give enough information on the contents of the proposed paper to enable the selection committee to evaluate it. Introductory and general matters should not be included. The synopsis - if accepted - will be reproduced in unedited form in the Book of Extended Synopses; therefore, the original must be submitted as camera-ready copy. The general style and presentation should be as in the attached sample.

- (b) If changes or corrections to an extended synopsis become necessary, a revised version may be sent to the IAEA by **1 September 2000** for inclusion in the book of extended synopses.

*Authors are urged to strictly observe the above deadline(s) as otherwise publication of their paper cannot be guaranteed.*

### Paper/poster acceptance

In order to provide ample time for discussion, the number of papers that can be accepted for oral presentation is limited. If the number of relevant and high quality papers submitted for selection exceeds the acceptable number, poster sessions may be arranged.

Authors will be informed whether their papers have been accepted for presentation at a regular session or as a poster on the basis of the extended synopsis. *The sponsoring Organizations, however, reserve the right to refuse the presentation or publication of any paper that does not meet the expectations based on the information given in the extended synopsis.*

***Further details concerning the written and oral presentation at the meeting will be sent to all authors in due course.***

## **6. Proceedings**

The proceedings of the meeting will be published in camera-ready (unedited) form as a CD ROM by the IAEA as soon as possible after the meeting. All participants will receive a free copy of the CD ROM.

## **7. Working Language**

The working language of the meeting will be English. All communications, synopses, abstracts and papers must be sent to the Conference Secretariat in **English**.

## **8. Distribution of Documents**

A preliminary programme of the Symposium will be sent to participants before the meeting. The final programme, and the book of extended synopses will be distributed on registration.

## **9. Accommodation**

Detailed information on accommodation and other items will be sent to all designated participants well in advance of the meeting.

## **10. Visa**

Designated participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria as soon as possible. Please note that Austria is a Schengen State and therefore persons who require a visa will have to apply for a "Schengen visa" at least 14 days before entry into Austria. In States where Austria has no diplomatic mission visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question. *[The Schengen States are as of September 1999; Austria, Belgium, France, Germany, Greece, Italy, Luxemburg, Netherlands, Portugal and Spain.]*

## **11. Secretariat**

The address of the Conference Secretariat is:

International Atomic Energy Agency  
IAEA-SM-363  
Vienna International Centre  
P.O. Box 100  
Wagramer Strasse 5  
A-1400 Vienna  
Austria

Telephone No.: (+43) - 1 - 2600 (0) plus extension  
Telex No.: (+43) - 1 - 12645  
Telefax No.: (+43) - 1 - 26007  
Electronic mail: [official.mail@iaea.org](mailto:official.mail@iaea.org)

The Scientific Secretary of the Symposium is Mr. P.M. Chalk, Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture (telephone extension 21648 ; e-mail address: [P.M.Chalk@iaea.org](mailto:P.M.Chalk@iaea.org)). Meeting organization is provided by Ms. K. Morrison, Conference Service Section, Division of Conference and Document Services (telephone extension 21317 and e-mail address: [K.Morrison@iaea.org](mailto:K.Morrison@iaea.org)).

## **12. Channels of Communication**

The Participation Form and the Form for the Submission of a Paper, together with two copies of each synopsis, and, if applicable, the Grant Application Form, should be sent to the competent official authority (Ministry of Foreign Affairs, Ministry of Agriculture, national FAO committee, or national atomic energy authority) for transmission to the Conference Secretariat.

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on administrative matters to the IAEA Conference Service Section.