



International Symposium on Managing Land and Water for Climate-Smart Agriculture

**IAEA Headquarters
Vienna, Austria**

25–29 July 2022

**Organized by the
International Atomic Energy Agency (IAEA)**

**Joint FAO/IAEA Centre
of Nuclear Techniques in Food and Agriculture**

Announcement and Call for Papers

A. Background

The ‘International Symposium on Managing Land and Water for Climate-Smart Agriculture’ aims to foster the exchange of experience, information and knowledge among soil, water and environment professionals from developed and developing countries to advance the understanding, collaboration and capabilities to respond to the impact of climate change in a rapidly changing global environment. It will also serve as a platform to highlight new development of nuclear and isotopic techniques to enhance the resilience of livelihoods to threats and crises that impact agriculture and food security, such as emissions of greenhouse gases (GHGs), climate change and nuclear or radiological emergencies.

B. Purpose and Objectives

The objective of the symposium is:

- to review recent development of nuclear, isotopic and related techniques to improve land and water management practices under changing climate and to minimize the impact of radiological emergencies on crop production;
- to provide information on the development of tools and technology packages to build soil resilience, adapt farming practices to the impact of climate change; and
- to identify knowledge gaps, research needs and new opportunities to develop climate-smart agricultural practices to build capacities and transfer of technologies to Member States.

C. Themes and Topics

The symposium will cover the following topics related to land and water management under climate change and radiological emergencies:

- Plant nutrition and nutrient cycling for enhancing crop productivity and on-farm ecosystem services.
- Soil conservation, land management minimizing soil erosion, land degradation, improving soil health, increasing biodiversity and crop production.
- Agricultural water management for improving water use efficiency, threats/impact to agricultural water quality.
- Climate change and greenhouse gas emissions.
- Tracing agricultural and industrial pollutants and assessing their threats to crop production and environmental sustainability.
- Advances of nuclear-based instrumental and analytical techniques applicable in soil and water research.
- Integrating nuclear techniques with other advanced techniques such as digital technology in agriculture, GIS, deep learning and modelling techniques.

D. Structure

The symposium programme will consist of:

- An opening session with opening statements
- Plenary sessions including keynote speakers
- Scientific sessions consisting of oral and poster papers and presentations for the different topics/themes
- General discussion session at the end of each major topic/theme
- Rapporteurs' summaries for all major topics/themes

- Closing session.

E. Target Audience

The symposium is aimed at participants drawn from and including:

- United Nations system and CGIAR organizations, such as FAO, UNEP, the World Food Programme, IITA, Alliance Bioversity, CIAT, IRRI, CIMMYT, CIP, etc.
- Scientists, academics, research managers and laboratory personnel
- Representatives from governmental, non-governmental and international organizations
- Donor agencies – international, regional or national organizations, foundations and trusts
- Potential partners at the international, regional or national level.

The IAEA welcomes and encourages the participation of women, early career professionals and individuals from developing countries.

F. Call for Papers

Contributions on the topics listed in Section C are welcome as oral or poster presentation. All submissions, apart from invited papers, must present original work, which has not been published elsewhere.

F.1 Submission of synopses

Persons who wish to present a paper or poster at the symposium must submit a synopsis of 500 to 600 words, including tables or diagrams and a few pertinent references, to a maximum of two A4 size pages, single spaced, on one of the topics listed under Section C above, **in electronic format** (no paper copies) through the symposium's web browser-based file submission system (INDICO) between **7 September 2021** and **31 January 28 February 2022** (European time zone). No other form of submission will be accepted. The INDICO link will be available on the symposium web page (see Section P). Instructions on how to upload the synopses will be available on INDICO. More than one synopsis per participant is allowed.

In addition, authors must register through InTouch+ (see Section G). InTouch+ will automatically generate Participation Form (Form A) and Form for Submission of a Paper (Form B) which have to be submitted through InTouch+ to the required authority and further on to the IAEA. These forms need to reach the IAEA through InTouch+ by **28 February–March 2022**.

IMPORTANT: The electronically received synopses will be considered by the Programme Committee only if above two forms have been received by the IAEA through InTouch+ by the given deadline.

F.2 Acceptance of synopses for oral or poster presentation

The Secretariat reserves the right to exclude papers that do not comply with its quality standards and do not apply to any of the topics in Section C.

Given the number of synopses anticipated and the need to provide ample time for discussion, the number of synopses that can be accepted for oral presentation is limited. Authors who prefer to present their synopses as posters are requested to indicate this preference in INDICO and when registering through InTouch+.

Authors will be notified by **14 April 2022** as to whether their synopses have been accepted for oral or poster presentation.

Accepted synopses will be made available to all participants shortly before the symposium.

F.3 Symposium proceedings

It is intended that some of the synopses and speaker presentations at the symposium will form the basis of a book to be published as a peer reviewed publication by an external publisher and that all participants will receive a free copy of this book. Participants with contributions selected for publication in the book will receive timely instructions for the preparation and submission of their papers.

G. Participation and Registration

All persons wishing to participate in the symposium must be designated by an IAEA Member State or should be a member of an organization that has been invited to attend. The list of IAEA Member States and invited organizations is available on the symposium web page (see Section P).

Registration through the InTouch+ platform:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):

- Persons with an existing NUCLEUS account can [sign in here](#) with their username and password;
- Persons without an existing NUCLEUS account can [register here](#).

2. Once signed in, prospective participants can use the InTouch+ platform to:

- Complete or update their personal details under ‘Basic Profile’ (if no financial support is requested) or under ‘Complete Profile’ (if financial support is requested) and upload the relevant supporting documents;
- Search for the relevant event (CN-305; EVT2005827) under the ‘My Eligible Events’ tab;
- Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating authority’ (if an invited organization is not listed, please contact Conference.Contact-Point@iaea.org);
- If applicable, indicate whether a paper is being submitted, and complete the relevant information;
- If applicable, indicate whether financial support is requested, and complete the relevant information (this is not applicable to participants from invited organizations);
- Based on the data input, InTouch+ will automatically generate Participation Form (Form A), Form for Submission of a Paper (Form B) and/or Grant Application Form (Form C);
- Submit their application.

Once submitted through the InTouch+ platform, the application together with the auto-generated form(s) will be transmitted automatically to the required authority for approval. If approved, the

application together with the form(s) will automatically be sent to the IAEA through the online platform. Applications submitted and approved via InTouch+ should not additionally be sent via email to the IAEA.

NOTE: Should prospective participants wish to submit a paper or request financial support, the application needs to be submitted by the specified deadlines (see Section N).

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to InTouchPlus.Contact-Point@iaea.org.

If it is not possible to submit the application through the InTouch+ platform, prospective participants are requested to contact the IAEA's Conference Services Section via email: Conference.Contact-Point@iaea.org.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

H. Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the symposium. The IAEA has, however, limited funds at its disposal to help cover the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the symposium.

If participants wish to apply for a grant, they should submit applications to their official authority using the InTouch+ platform (see Section G) for onward transmission to the IAEA by ~~28 February~~ **March 2022**.

Approved grants will be issued in the form of a lump sum payment that usually covers **only part of the cost of attendance**.

I. Distribution of Documents

A preliminary programme will be posted on the IAEA web page for the symposium (see Section P) as soon as possible. The final programme and the Compilation of Synopses will be available free of charge to registered participants.

J. Exhibitions

A limited amount of space will be available for displays/exhibits during the symposium. Interested parties should contact the Scientific Secretary (see Section O) by email at: SWMCN-Symposium2022@iaea.org by **30 April 2022**.

K. Working Language

The working language of the symposium will be English. No interpretation will be provided.

L. Venue and Accommodation

The symposium will be held at the Vienna International Centre (VIC), where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements. Hotels which are offering a reduced rate for symposium participants will be listed on the symposium web page (see Section P). Please note that the IAEA is not in a position to assist participants with hotel bookings, nor can the IAEA assume responsibility for paying cancellation fees or for re-bookings and no shows.

Detailed information on accommodation and other relevant matters will be made available on the symposium web page as soon as possible.

M. Visas

Designated participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria as early as three months but not later than four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. 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.

For more information, please see the Austria Visa Information document available on <https://www.iaea.org/events>

N. Key Dates and Deadlines

Opening of synopsis submission through IAEA-INDICO	7 September 2021
Deadline for synopsis submission through IAEA-INDICO	28 February 2022

Deadline for receipt of Form for Submission of a Paper (Form B) together with Participation Form (Form A) through InTouch+	28 March 2022
Deadline for receipt of Grant Application Form (Form C) together with Participation Form (Form A) through InTouch+	28 March 2022
Notification of acceptance of synopsis	14 April 2022
Registration only through InTouch+ (no paper submission, no grant request)	No deadline

O. Symposium Secretariat

General contact details of the Symposium Secretariat:

International Atomic Energy Agency
 Vienna International Centre
 PO Box 100
 1400 VIENNA
 AUSTRIA
 Tel.: +43 1 2600
 Fax: +43 1 26007
 Email: Official.Mail@iaea.org

Scientific Secretary:

Ms Lee Kheng Heng

Soil and Water Management and Crop Nutrition Section
 Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture
 Department of Nuclear Sciences and Applications
 Tel.: +43 1 2600 26847
 Email: SWMCN-Symposium2022@iaea.org

Administration and organization:

Ms Nancy Herter

Conference Services Section
 Division of Conference and Document Services
 Department of Management
 IAEA-CN-305; EVT2005827
 Tel.: +43 1 2600 21315
 Email: Conference.Contact-Point@iaea.org

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

P. Symposium Web Page

Please visit the following web page regularly for new information regarding this symposium:

<https://www.iaea.org/events/SWMCN2022>