



International Symposium on Sustainable Animal Production and Health — Current Status and Way Forward

**IAEA Headquarters
Vienna, Austria**

22–26 June 2020

Ref. No.: IAEA-CN-281/EVT1901973

Announcement and Call for Papers

A. Background

The International Symposium on Sustainable Animal Production and Health — Current Status and Way Forward will draw on lessons learned and current best practices to provide a roadmap for the sustainable improvement of animal production whilst protecting the environment. The focus of the symposium will be on the contributions and impact of nuclear technologies and applications.

B. Objectives

The purpose of the symposium is

- To provide information and share knowledge on modern and novel technologies in animal production and health, and their application to support sustainable livestock production systems.
- To discuss the constraints, opportunities and advantages for the effective transfer of nuclear and nuclear derived/related technologies.
- To identify capacity and research needs and to address gaps and new opportunities for transferring technologies and building capacities for ameliorating or solving factors that are limiting livestock productivity and causing animal diseases, particularly, but not exclusively, in developing countries.

C. Format and Topics

The symposium will cover recent developments in technologies applied to animal production and health. The IAEA welcomes both academic and practice-based contributions related to the following topical areas:

- The use and application of atomic, nuclear, and nuclear derived/related technologies in animal nutrition, reproduction, breeding and health.
- Feed resources and feeding strategies under grazing and cut-and-carry production systems in developing countries: what is being done and mechanisms for sustained improved productivity.
- Assisted reproductive technologies for enhanced fertility and offspring with greater productive indexes.
- Radiation hybrid mapping and gene-marker selection in animal characterization and breeding programmes: what do we know and what is missing in developing countries.
- Early and rapid animal disease diagnostic tests in national and decentralized laboratories: staff proficiency, preparedness, emergency response to outbreaks, quality control and quality assurance, international standards (ISO 17025).
- Emerging and re-emerging transboundary and zoonotic animal diseases: threats to food security, public health and international trade.
- The FAO/IAEA Veterinary Diagnostic Laboratory (VETLAB) Network: its role in capacity building, transfer of technology, and sharing of knowledge and experience.
- Irradiated vaccines: new approaches to inactivate or weaken animal pathogens for developing vaccines against animal and zoonotic diseases.
- Stable isotope tracing: new approaches to trace and monitor migratory and transposed animals and their role in the introduction of emerging and re-emerging transboundary animal and zoonotic diseases

The symposium will be held in English. The programme will comprise keynote addresses, plenary presentations from invited speakers, satellite meetings on selected topics, and group discussions.

D. Target Audience

The organizers of the symposium welcome scientists, academics, research managers, laboratory personnel, policy-makers from governmental and non-governmental organizations, private sector entities, and donor agencies from national and international organizations, foundations and trusts.

E. Expected Results

- Better understanding of animal production constraints and the role of nuclear, and nuclear derived/related techniques as tools for ameliorating the current problems affecting livestock production, farmers' livelihoods and food security.
- Links between the IAEA Secretariat and Member States on animal production and health will be strengthened.
- The IAEA will update its requirements and focus for research and extension on animal production and health for solving Member States' needs.
- Participants will enhance their knowledge on modern technologies and farm practices for improving livestock production and health in their own countries.
- Proceedings of the symposium will be published and made available to the scientific community.

F. Synopses, Presentations and Proceedings

All participants are welcome and encouraged to submit their research results in the format of a synopsis on one of the topics listed under Section C. The paper should give enough information on its contents to enable the Programme Committee to conduct a technical evaluation for its acceptance. Accepted synopses will be presented as posters during the poster sessions to promote greater interactions among symposium participants. The electronic compilation of accepted synopses will be reproduced in an unedited form and made available free of charge on the symposium web page and IAEA Conferences and Meetings App.

Invited speakers should submit extended papers related to their presentations.

F.1 Submission of Synopsis

The synopsis can be one to maximum three printed A4 pages, in single space, including tables, figures and references. More than one synopsis per participant is allowed.

Synopses must be prepared in MS Word or similar software and sent to the official symposium email address (APHSymposium2020@iaea.org). No other submission route will be accepted. Specifications for the layout will be available on the symposium web page. The Programme Committee will keep the authors informed regarding receipt and acceptance/rejection status of the synopses.

In addition, all participants must submit the Participation Form (Form A) and the Form for Submission of a Paper (Form B) to their appropriate governmental authority (see Section G) for transmission to the IAEA. These forms must be received by the IAEA no later than 31 January 2020.

IMPORTANT: The Programme Committee will consider submitted synopses only if these two forms have been received by the IAEA through the established official channels (see Section G).

F.2 Acceptance of Synopses

The Secretariat reserves the right to exclude synopses that do not comply with its technical or scientific quality standards and/or that do not apply to one of the topics in Section C above.

Authors will be informed by **31 March 2020** as to whether their synopses have been accepted.

F.3 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 be members of organizations that have been invited to attend. The list of invited organizations can be requested from the Symposium Secretariat (see Section O).

In order to be designated by an IAEA Member State, participants are requested to send the following forms (as applicable) to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority):

- Participation Form (Form A): participation only; no deadline if only Form A is submitted;
- Form for Submission of a Paper (Form B): participants submitting a paper contribution must send the completed and signed Form B together with Form A to their competent national authority for transmission to the IAEA (Official.Mail@iaea.org) by the given deadline; and
- Grant Application Form (Form C): participants requesting financial support from the IAEA, must complete Form C and send it together with Form A and Form B to the competent national authority for transmission to the IAEA (Official.Mail@iaea.org) by the given deadline. Form C must be stamped and signed by the competent national authority.

Participants who are members of an organization invited to attend are requested to send the above form(s) through their organization to the IAEA (Official.Mail@iaea.org).

In addition, participants are requested to pre-register online through the symposium website <https://www.iaea.org/events/APHS2020>

Participants who register in accordance with the above procedure will receive from the IAEA further information approximately three months before the opening of the symposium.

H. Expenditures and Grants

No registration fee will be 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 meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally one participant per country provided that, in the IAEA's view, the participant on whose behalf assistance is requested will make an important contribution to the symposium.

If Governments wish to apply for a grant on behalf of one of their specialists, the Participation Form (Form A), Form for Submission of a Paper (Form B) and the Grant Application Form (Form C) stamped and signed by the Government, must reach the IAEA (Official.Mail@iaea.org) by **31 January 2020**.

Applications that do not comply with the above conditions cannot be considered.

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 symposium web page (see Section P) as soon as possible. The final programme and the electronic compilation of synopses will be available free of charge upon registration at the symposium.

J. Exhibitions

A limited amount of space will be available for organizations and commercial vendors' displays/exhibits during the conference. Interested parties should contact the Scientific Secretariat by email at: APHSymposium2020@iaea.org by **31 January 2020**.

K. Working Language

The working language of the conference will be English. All communications and papers must be sent to the IAEA in English.

L. Venue and Accommodation

The symposium will be held at the IAEA's Headquarters in Vienna, Austria. Participants must make their own travel and accommodation arrangements. Hotels 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-booking and no shows.

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 at least 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.

N. Key Deadlines

Submission of synopses (including submission of Forms A and B through a competent national authority)	31 January 2020
Submission of grant application (Forms A and C through a competent national authority)	31 January 2020
Notification of acceptance of synopses	31 March 2020
Registration only (no paper submission, no grant request)	No deadline

O. Symposium Secretariat

General contact details

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

Mr Gerrit J. Viljoen

Animal Production and Health Section
Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture
International Atomic Energy Agency
Tel.: +43 1 2600 26053
Email: APHSymposium2020@iaea.org

Administration and organization

Ms Julie Zellinger

Conference Services Section
Division of Conference and Document Services
Department of Management
International Atomic Energy Agency
IAEA-CN-281
Tel.: +43 1 2600 21321
Email: J.Zellinger@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary of the conference 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/APHS2020>

Q. Greening

To demonstrate its commitment to sustainability, the IAEA will organize this symposium as a 'green meeting' according to the guidelines of the Austrian Ecolabel.

There will be a focus on the areas of paper smart documentation, waste reduction and recycling, and environmentally friendly catering.



IAEA

Atoms for Peace and Development

Form A
CN-281; EVT1901973

Participation Form

FAO/IAEA International Symposium on Sustainable Animal Production and Health — Current Status and Way Forward

IAEA Headquarters, Vienna, Austria

22–26 June 2020

To be completed by the participant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel:		
Email:		
Nationality:	Representing following IAEA or FAO Member State/entity or invited organization:	
Do you intend to submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Title:		



Form for Submission of a Paper

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Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 31 January 2020

Title of the paper:		
Family name(s) and first name(s) of author(s): (same as in passport(s))	Scientific establishment(s) in which the work has been carried out	City/Country
1.		
2.		
3.		
Family name(s) and first name(s) of author presenting the paper: (same as in passport)	Mr/Ms:	
Mailing address:		
Tel (Fax):		
Email:		

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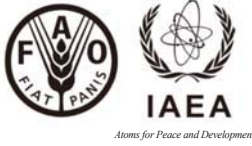
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- that the material submitted to the IAEA is original, except for such excerpts from copyrighted works as may be included with the permission of the copyright holder thereof, has been written by the stated authors, has not been published before, and is not under consideration for publication by another entity;
- that any permissions and rights to publish required for third-party content, including but not limited to figures and tables, have been obtained, that all published material is correctly referenced; and
- that the material submitted to the IAEA does not contain any libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any person or entity.

Date:

Signature of main author:



Grant Application Form

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Deadline for receipt by IAEA through official channels: 31 January 2020

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of the event:

Date: Signature of applicant: _____

Date: Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority _____