



*Preparing for the Future in a Rapidly Changing Environment*

**Abu Dhabi, United Arab Emirates, 13-16 February 2023**

## Background

The international conference is the sixth in a series of IAEA conferences on effective nuclear and radiation regulatory systems. It will review issues of importance to the global regulatory community and highlight the role of the regulator in ensuring a high standard of safety and security. A focus is how to prepare for the future in a rapidly changing environment.

## Objectives and expected outcome

The conference's objective is to share experiences of improving the effectiveness of nuclear and radiation regulatory systems.

The expected outcomes of the conference and subsequent actions are:

- Established strategies to ensure regulatory resilience in a rapidly changing environment;

- Strengthened international cooperation and information sharing to improve regulatory effectiveness, agility and consistency in regulatory approaches related to new technologies;
- Identified strategies to overcome lifecycle challenges of nuclear installations and of activities involving radiation sources;
- Enhanced implementation of methodologies to increase public and stakeholders trust and regulatory credibility;
- Recognition and application of best practices to sustain a competent workforce and develop the next generation of regulatory professionals and leaders; and
- Continued progress on building programmes and strategies for the safe and secure use of radioactive materials.

## Audience

The conference is directed at a broad range of experts in the area of nuclear and radiation safety and nuclear security regulation, bringing together the world's regulators responsible for the areas of nuclear and radiation safety and nuclear security.



**IAEA**

International Atomic Energy Agency

## Topics

The conference sessions will focus on the following topical areas:

### **Leadership through New and Emerging Challenges**

This session will provide an opportunity for regulatory bodies to share their experiences on how to ensure regulatory resilience; to better understand strategies, needs and ways to adapt and respond to unexpected challenges; and to share notable practices and lessons learned from regulatory experience

### **Harmonization, Innovation, and New Technologies: Approaches to Enhance Regulatory Agility**

This session will provide an opportunity to discuss regulatory strategies and programmes for innovative and advanced technologies in nuclear and radiological applications; international cooperation, harmonization of safety requirements and licensing approaches, and the application of a 'graded approach' in regulatory activities.

### **Full Lifecycle Challenges and Strategies**

This session will address challenges and strategies related to the full lifecycle of nuclear and radiation facilities, including the establishment of a new programme, managing aging of nuclear and radiation facilities, decommissioning and radioactive waste storage and disposal.

### **Trusted Regulator: Cooperative Techniques to Promote Credibility and Resilience**

This session will address the importance of building stakeholder and public trust, communication, and the enhancement of stakeholder and public involvement in nuclear and radiation safety and security activities.

### **Capacity Building for the Future – Holistic Approaches for Nuclear and Radiation Safety and Security**

This session will discuss sustainable capacity building strategies and programmes including education and training, knowledge management, human resource development and knowledge networks. It will focus on the exchange of best practices to prepare the next generation of regulatory professionals and leaders (or decision makers).

### **Special Panel Session on Regulating a Modern Era of Medical and Radioactive Materials Facilities and Applications – The Journey Continues**

This panel will provide an opportunity to highlight progress made since the previous Regulatory Conference (hosted in 2019); to address current priorities and initiatives; and, to exchange experiences on the implementation of legal instruments including the Code of Conduct on the Safety and Security of Radioactive Sources and the Supplementary Guidance on the Import and Export of Radioactive Sources.

## Call for papers

Concise papers on topics falling within the scope of the conference may be submitted as contributions to the conference. All papers, apart from invited papers, must present original work and must not have been published elsewhere.

Authors of accepted papers are expected to present the substance of their papers as a presentation during a technical session or in the form of posters, which will be exhibited in a Poster Area. It is expected that at least one author of each poster will attend the conference in order to be available to discuss the poster.

## Key deadlines

<b>1 August 2022:</b>	Submission of synopses through IAEA-INDICO
<b>1 August 2022:</b>	Submission of Form B (together with Form A) through the InTouch+ platform
<b>1 August 2022:</b>	Submission of Form C (together with Form A) through the InTouch+ platform
<b>1 November 2022:</b>	Notification of acceptance of synopses for oral presentation
<b>2 December 2022:</b>	Electronic submission of full papers through IAEA-INDICO
<b>No deadline:</b>	Submission of Form A only (no paper submission, no grant request) through the InTouch+ platform

## Language

The working language of the conference will be English.

## Registration

No registration fee is charged to participants.

## Conference Secretariat

### Scientific matters and paper submission:

#### Mr Shahid Mallick

Director, Office of Safety and Security Coordination  
Department of Nuclear Safety and Security  
Tel: +43 1 2600 25673  
Fax: +43 1 2600 7  
Email: [RegCon2023@iaea.org](mailto:RegCon2023@iaea.org)

### Registration, grants and administrative matters:

#### Mr Tom Danaher

Conference Services Section  
Division of Conference and Document Services  
Department of Management  
IAEA-CN-309  
Tel.: +43 1 2600 21317  
Email: [Conference.Contact-Point@iaea.org](mailto:Conference.Contact-Point@iaea.org)

## Conference web page

Please visit the IAEA conference [web page](#) regularly for new information regarding this conference.

Please include reference number IAEA-CN-309 in all communications.

