

IMPACT OF CLIMATE CHANGE ON THE OPERATION OF NUCLEAR FACILITIES

18th - 20th March 2025, Civaux NPP, France

The Workshop is organised by WANO Paris Centre in collaboration with Civaux NPP.

Background

Climate change refers to significant shifts in weather patterns and global temperatures. These changes pose risks to energy infrastructure, including nuclear facilities, which must adapt to extreme weather events, rising sea levels and shifting water availability for cooling processes, as well as social and energy market behavior changes related and potential regulatory adaptations. Adapting to climate change is crucial for the continued operation of nuclear power plants, ensuring they can meet energy demands and safety requirements.

Objectives

The workshop should provide key aspects related to climate change impacts for nuclear facilities and their decision-making process regarding operation. It should offer a platform for experience exchange for the WANO members about their situation, strategies and hazard management and lessons learned on this subject.

Topics

The workshop focuses on the possible impact of climate change on the safe operation of nuclear facilities. It covers the following:

- Sensitivity analysis: identification of the most sensitive parameters, challenges and benefits.
- Water management: how to address water resources, what is already done and the on-going work.
- Climate change adaptation approach within the organizations: assessing main needs, proactively projecting long-term, adapting internally and engaging stakeholders. Economic approach to adaptation at a system level.
- Impact on safety and regulation: how to manage the impact on safety margins and potential regulatory modifications.
- Operating experience within the power plants and Internal overview about the different works in progress on climate change and nuclear industry.

Break-Out Sessions

- Breakout sessions and group work will be used to allow time for structured interactions among colleagues, to identify potential improvements for their organisations and to get insights in experience and implementations from each other
- Each working group will be invited to develop a lessons-learned summary and to present their findings to all attendees.

Target group

The workshop is open for all WANO PC members. Through sharing information, WANO and member presentations, each delegate is asked to take away improvements to adapt and implement at the own station.

Participants will be invited to share their experience on this topic through testimony presentations

Arrival and Departure

Participants should arrive at the venue before **08:00 on 18th March 2025** morning. However, it is advised that participants arrive on the evening before on the **17th March 2025**. There will be a get-together dinner at the Hotel on the **18th March 2025** in the evening. The workshop will be finished on the **20th March 2025 at 12:30**. There is the possibility to visit the Civaux NPP for a guided tour in the afternoon of the **20th March, PLACES ARE LIMITED** time **TBC**, focused on the specific facilities related to climate change adaptations. Participants need to register for the plant tour when they registration for the workshop.

INFORMATION

Workshop / Seminar language

The workshop / seminar language will be **English**.

Register on-line

Registrations should be completed online before **18th February 2025** at the following web address:

www.wanopariscentreregistrations.com.

A confirmation letter will be sent to each participant following his or her registration. The number of participants is limited to **30**.

Presentations

Participants are welcome and encouraged to give a 15-30 minute presentation including own experience. Please, indicate this when registering. The power-point presentations (in English) need to be sent to WANO Paris Centre organising team by e-mail (details below) until the **7th March 2025** to ensure timely preparation of the workshop presentation package.

Venue

The workshop will be held at

Civaux NPP, 86320 Civaux, France

A bus transfer will be organised from the hotel to the Plant each morning and evening.



Civaux NPP

Accommodation



GARRIGAE MANOIR DE BEAUVOIR

WANO has made a group reservation At the rate of **138€** per night, including breakfast, which shall be paid by each participant directly at the hotel. **Please use ONLY the online workshop registration to book your hotel room:**

- **GARRIGAE MANOIR DE BEAUVOIR
Hôtel-Restaurant & Spa**

635, route de Beauvoir

86550 Mignaloux-Beauvoir – FranceTél :

33(0)549551372/ 33(0)67304127

<https://www.google.com/search?q=manoir+de+beauvoir#lpg=ik:CAoSLEFGMVfpcFBITFo1bDd4djVDamIhcTlxOVJIU>

Transportation:

Airports: The nearest airports are: **Charles de Gaulle** in the North and **Orly** in the South of Paris. The hotel is located **1h20** by TGV train from Paris to Poitiers.

The nearest railway station is **Poitiers TGV station** (approximately 15 minutes away by taxi).

From there, you can take a taxi or By car, the fastest way is via the N147 to the hotel.

Details will be sent out by email after registration.

Workshop / Seminar Package

There is no fee for the workshop/ seminar package. WANO and the hosting organisation will cover the costs for the full workshop documentation, refreshments, lunches, and get-together dinner.

Dress Code

Business Casual

Cancellation policy

Participants who cannot attend the seminar (after registration), please inform us as soon as possible.

[Late cancellations and 'no-shows' might result in a cancellation fee from the venue.](#)

[This fee will be charged to the attendee or their Company.](#)

Organising Team

For further information, please, contact the Organising team in WANO Paris Centre:

- Ms Azucena Bello Fernandez, WS Project Manager WANO Paris Centre
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- Ms Hendrica Beltou, Event coordinator, WANO Paris Centre
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