

IMPACT OF CLIMATE CHANGE FOR OPERATION OF NUCLEAR FACILITIES

20th – 22st June 2023, Bad Zurzach, Switzerland

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

Background

Metrological climate changes such as extreme hot and dry summer, frosty winter with a high amount of snow, heavy rain, flooding, storm, lightening and biological phenomena are new challenges worldwide and effects the operation of nuclear power plants. Identifying, monitoring and assessing these impacts are needed to understand their possible impacts on the safety of nuclear power plants and to prevent and mitigate hazards. This workshop will be conducted with the support of IAEA.

Objectives

The workshop should provide key aspects related to climate change impacts for NPPs and how to perform a meteorological hazard management. 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 of the safe operation of NPPs. It covers the following:

- Identification, monitoring and communication of meteorological data and climate scenarios
- Regulations, standards and recommendations connected to climate change
- Learning from events and near misses
- Technical aspects to prevent and mitigate specific external hazards (e.g. extreme heat or frosty periods, external floods, extreme wind, rain or snow, Biological Phenomena such as such as marine or water-borne, land based and airborne hazards)
- Re-assessment of the impact from external hazards on the safety of nuclear installations: adaptation of risk analysis and safety assessments, management of safety margins and resulting actions
- **Break-Out Sessions**
- Breakout sessions or group work will be used to allow time for structured interaction with colleagues and to identify potential improvements for their organisations and to get insights in experienced and implementations.

- Each working group will be invited to develop 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.

Pandemic precautions

If required, necessary precautions to minimise the risk of virus spread will be communicated later according to the Swiss national, Beznau and WANO policies applicable at the time of the workshop.

Arrival and Departure

Participants should arrive at the venue before 08:00 on 20th June 2023 morning. However, it is advised that participants arrive on the evening before on the 19th June 2023. There will be a well-come dinner at the Park Hotel Bad Zurzach on the 20th June 2023 in the evening. The workshop will be finished on the 22th June at 12:30. There is the possibility to visit the NPP Beznau for a guided tour in the afternoon of the 22th June. Participants need to register for the plant tour within the registration for the workshop.

INFORMATION

Workshop / Seminar language

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

Register on-line

Registrations should be completed online before **27th May 2023** 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 **5th June 2023** to ensure timely preparation of the workshop presentation package.

Venue

The workshop will be held at the Park Hotel Bad Zurzach, Switzerland

Accommodation

WANO has made a group reservation at
Park Hotel Bad Zurzach
Badstrasse 44
5330 Bad Zurzach
Switzerland

The hotel is also the workshop venue. The rate is 168,-- CHF per night, which shall be paid by each participant directly at the hotel.

Transportation

Airports:

Zurich airport and airport Basel Muehlhausen
The transfer options at Zurich and Basel/Airports are train, taxi, rental car.

Train:

Zurich – Baden – Bad Zurzach or
Basel SBB – Baden-Zurzach or
Basel Bad – Waldshut – Bad-Zurzach

Details can be provided by 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.

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 Gabriele Hampel, Delegated MSM Team Leader WANO Paris Centre
gabriele.hampel@wanopc.org
- Ms Hendrica Beltou, Assistant, WANO Paris Centre
hendrica.beltou@wanopc.org

WANO Paris Centre
Immeuble Carré Michelet,
10-12 cours Michelet,
92800 Puteaux, France
Phone : +33 1 46 40 35 55
www.wano.org