

[Home](#) Technical Sessions – TH21

TH21 Are We Observing More Extreme Weather Events that Affect the Risk of Nuclear Power Plants?

This session will provide a forum to facilitate discussion on whether extreme weather events are affecting commercial nuclear power plants and, if so, the potential risk implications of those events. The presentations will explore what existing data are (or are not) telling us about how weather patterns are changing and any observed effects on the operation of nuclear power plants.

SESSION CHAIR(S):

- Mehdi Reisi-Fard, Chief, Performance and Reliability Branch, Division of Risk Analysis, RES/NRC e-mail: Mehdi.ReisiFard@nrc.gov

SPEAKER(S):

- [Introductory Remarks](#)
[Mehdi Reisi-Fard](#), Chief, Performance and Reliability Branch, Division of Risk Analysis, RES/NRC
- [Climate Change Impact on the Safety of Nuclear Installations](#)
[Paolo Contri](#), Section Head, External Events, Division of Nuclear Installation Safety, International Atomic Energy Agency
- [Extreme Weather hazards to Nuclear Power Plants-A Regional Perspective](#)
[Lai-yung “Ruby” Leung](#), Battelle Fellow, Pacific Northwest National Laboratory and [Rajiv Prasad](#), Earth Scientist, Energy & Environment Directorate, Pacific Northwest National Laboratory
- [Weather-Related Loss of Offsite Power Trends and Risk Insights](#)
[Christopher Hunter](#), Senior Reliability Engineer, Performance and Reliability Branch, Division of Risk Analysis, RES/NRC
- [Observations on Extreme Weather and Impacts on Nuclear Power Plants](#)
[Fernando Ferrante](#), Principal Project Manager, Risk & Safety Management, Electric Power Research Institute

SESSION COORDINATOR(S):

- John Lane, Senior Reliability and Risk Engineer, Performance and Reliability Branch, Division of Risk Analysis, RES/NRC e-mail: John.Lane@nrc.gov