

T6 Exacting the Science of Emergency Preparedness

Radiological emergency preparedness ensures protective actions can and will be taken in the event of a radiological release. As an overarching principle, protective actions should balance protection with other important factors and ensure that actions result in more benefit than harm. Evacuation has long been considered the principal protective action to avoid or reduce dose in the event of a radiological release. But evacuation is not without its own risk. Furthermore, sheltering-in-place has been shown to be more protective than was once understood. This session will explore the risks associated with protective actions and will give insight into the future of protective action strategies by examining the science that will inform tomorrow’s decisionmakers.

SESSION CHAIR(S):

- Todd Smith, Senior Level Advisor for Emergency Preparedness, Division of Preparedness and Response, NSIR/NRC e-mail: Todd.Smith@nrc.gov

SPEAKER(S):

- Introductory Remarks - Research to Support Protective Action Strategies
[Todd Smith](#), Senior Level Advisor for Emergency Preparedness, Division of Preparedness and Response, NSIR/NRC
- [Reorganization of a Nuclear Emergency Preparedness in Japan after the Fukushima Daiichi Nuclear Power Plant Accident](#)
[Tomohiko Makino](#), Director for International Cooperation, Japan Cabinet Office
- [Non-Radiological Health Effects as They Relate to Protective Measures](#)
[Greg Lamarre](#), Head, Radiological Protection and Human Aspects of Nuclear Safety, OECD Nuclear Energy Agency
- [Measuring Psychosocial Impacts - Case for a Non-radiological Sievert](#)
[Tristan Barr](#), Section Head of Planning, Outreach, Exercises and Training, Nuclear Emergency Response and Preparation, Health Canada

- [Research to Support Protective Action Strategies](#)

[Todd Smtith](#), Senior Level Advisor for Emergency Preparedness, Division of Preparedness and Response, NSIR/NRC

SESSION COORDINATOR(S):

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