

2024 DoD SERDP NICE Project Workshop
Northeastern University, Boston, MA
333 Curry Students Center
April 25-26, 2024



*Networked Infrastructure under
Compound Extremes (NICE)*



DoD's Environmental Research Programs

NICE develops state-of-the-art network science and engineering methods with embedded system dynamics to characterize the robustness and restoration of US DoD installations and lifeline infrastructures that surround or support the installations.

The 2024 NICE workshop will present the state-of-the-project with key accomplishments on Day 1, and new or emerging possibilities on Day 2.

Workshop participation and presentations are by invitation only

<https://www.militarytimes.com/news/your-military/2019/03/27/here-are-the-air-force-bases-dod-says-are-most-at-risk-to-climate-change>

Day 1: State of the NICE Project

Objective: Showcase methods and insights for lifeline infrastructures, facilities and installations, subject to compound extremes from climate hazards to cyber threats

Day 2: Emerging Opportunities

Objective: Discuss a holistic vision of opportunities and challenges in climate adaptation, cyber-threat deterrence, energy renewables, and knowledge-guided AI systems

Workshop Outcomes: Executive summary report and peer-reviewed article on research progress and future opportunities in installation resilience under compound extremes for the DoD and other private-public stakeholders, along with an open-access and online community repository of selected workshop presentations and discussions.

