



CLIMATE SECURITY

NPS Addresses Complex Climate and Defense Challenges

AT A GLANCE

WHAT IS IT?

Climate Security represents the significant impacts associated with climate change that alter political stability, human security, and critical infrastructure. Climate Security includes the goals of *Climate Action 2030*: Build Climate Resilience and Reduce Climate Threat.

WHY DOES IT MATTER?

Climate change is and will continue to be a threat to national security as extreme weather inhibits mission readiness and assurance. NPS research and education advances the goals of *Climate Action 2030* by focusing on the near- and long-term impacts associated with climate change.

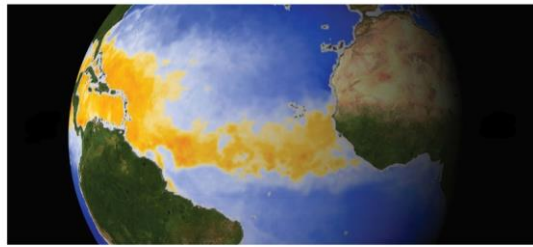
WHAT IS NPS' ROLE?

The Climate and Security Network serves as a hub for this work at NPS, including advancing research on climate security issues, interdisciplinary collaboration and information-sharing. The Center for Infrastructure Defense focuses on the continued operation of critical military and civilian infrastructure in the presence of failure, natural disaster, attack, and climate-driven surprise.

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"No nation can find lasting security without addressing the climate crisis."

— SECRETARY OF DEFENSE LLOYD J. AUSTIN, APRIL 2021

NPS leads research and education in the following areas to address complex climate security challenges.

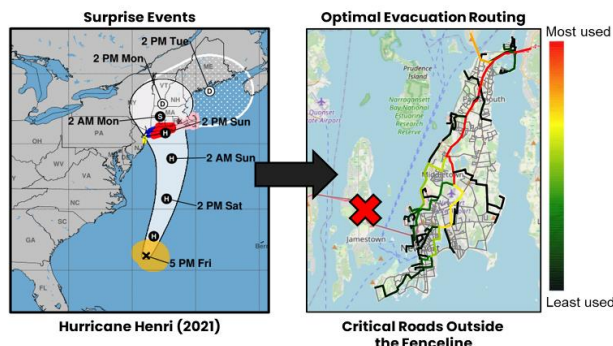
Installation Resilience Assessments: Resilience assessments for installations, including Marine Corps Base Hawaii and NAVSTA Newport, have supported critical readiness infrastructure and resilience inside and outside the fence line.

Climate Change Impacts on Operations: Identifying and understanding the impacts of climate change on operations is a critical component of mission readiness and assurance. NPS research helps to integrate climate impacts into strategic and operational planning to meet the mission in a changing environment. NPS is partnered on a related NATO effort to build capacity with allies.

Preparing for climate-exacerbated events - HADR: NPS analyzes logistics to improve effectiveness of Humanitarian Assistance and Disaster Response operations. Logistics is a critical aspect of HADR, enabling forces to address physical, geographical and governance challenges while deploying necessary relief personnel and resources to all corners of the global at a moments notice.

Climate-Relevant Training: NPS offers innovative training and education to help NAVFAC Civil Engineering Corps and civilian public works officers manage climate-driven surprises and maintain mission assurance.

Federal Environmental Security Consortium (FESC): NPS has partnered to create the FESC which joins interagency working groups that address climate and environmental security issues across the government. The Climate & Security Network lead serves as the first FESC President for FY23 to leverage resources on climate, reduce duplication and maximize information-sharing and awareness.



Resilience planning at NAVSTA Newport prepared it for Hurricane Henri which hit just months after the plan was completed.