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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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.