McKinney Climate Fellows Program - 2023 McKinney Climate Fellow
Naval Support Activity Crane / Conservation Law Center

[Climate Resiliency Planning & Analysis Position]

Who We Are

**Naval Support Activity Crane (NSA Crane)** is located in Southwest Indiana, approximately 70 miles southwest of Indianapolis. NSA Crane is the third largest US Naval installation by area in the world covering more than 62,000 acres. The installation is heavily forested and consists of undulating terrain, six creeks, and multiple lakes with a robust environmental stewardship and natural resource management program. NSA Crane Mission is to enable and sustain Sailors and Soldiers through Operational and Family readiness by providing consistent, standardized, and reliable shore support to our tenant partners. NSA Crane mission pillars include Technology, Ammunition, and the Environment. NSA Crane and its tenant mission commands support the Navy and DoD’s High-Tech Strategic Weapons, Electronic Warfare and Expeditionary Warfare missions as well as Army Ordnance Manufacturing, Renovation, Logistics, Maintenance and Demilitarization missions.

**Conservation Law Center (CLC)** is an independent, non-profit organization that provides legal counsel to conservation organizations and works to improve state and federal conservation law and policy. The organization works with clients on a wide range of transactional, policy, and litigation matters pertaining to both regional and national conservation issues. CLC also leads the Southern Indiana Sentinel landscape program supporting military readiness, environmental conservation, and climate resiliency initiatives. In that capacity, the Center houses staff responsible for Sentinel Landscape and conservation program outreach across Southern Indiana with Federal, State, and Local agencies and environmental partners.

**POSITION SUMMARY**

The McKinney Climate Fellow will be placed within NSA Crane and will be responsible for taking the lead on select initiatives and assist with sustainability, climate, and installation resiliency projects. The Fellow will provide support in development of a NSA Crane Climate Action Plan Study and other duties as defined below through coordination and working with installation staff and stakeholders.

Duties will include:

- Data Collection, Analysis, Planning, and report documentation tasks to develop a summarized written/graphic **NSA Crane Climate Action Plan - Draft Study**.
- Study to support Department of Defense and US Navy Climate goals and guidance to build a more resilient force and installation by assisting in developing climate adaptation and resilience actions that evaluate the most significant climate-related risks and vulnerabilities for agency operations and missions, and identifying actions to manage those risks and vulnerabilities.
o NSA Crane Climate Action Plan to include, but not limited, to recommendations within (5) Lines of Effort: [Reference US Navy Climate Action 2030 Plan]
  o Climate Informed Decision Making
  o Train and Equip for Climate Resilience
  o Resilient Built Natural and Environmental Infrastructure
  o Supply Chain Resiliency and Innovation
  o Enhance Mitigation and Adaptation Through Collaboration

o Additional duties may include assisting with climate action and resiliency inputs to the ongoing Installation Development Plan (Masterplan) update for 2023.

o Initial data collection of additional environmental or engineering analysis to support Climate Action Plan recommendations may include: Exploring EV fleet integration on-base, local infrastructure requirements, cost analysis/savings, etc.

o Conduct installation stakeholder interviews, local interpretation documentation, risk analysis, and strategic alignment under:
  o 10 USC 101 Climate Resilience/Extreme Weather Definitions:
    • The term "climate resilience" means the capability to avoid, prepare for, minimize the effect of, adapt to, and recover from, extreme weather, or from anticipated or unanticipated changes in environmental conditions, that do (or have the potential to) adversely affect the national security of the United States or of allies and partners of the United States.

    • The term "extreme weather" means recurrent flooding, drought, desertification, wildfires, thawing permafrost, sea level fluctuation, changes in mean high tides, or any other weather-related event, or anticipated change in environmental conditions, that present (or are projected to present) a recurring annual threat to the climate security of the United States or of allies and partners of the United States.

  o Department Of Defense Climate Adaptation Plan – Sep2021
  o Southern Indiana Sentinel Landscape - Resiliency Goals (2022-Current)
  o US NAVY Climate Action 2030 Plan – May2022
  o Local/Regional Planning Climate guidance as available.

o Collaborate and engage with Conservation Law Center- Sentinel Landscape Team as required for overarching NSA Crane Climate Plan alignment with Southern Indiana Sentinel Landscape strategic conservation planning and resiliency efforts.

o Primary NSA Crane Supervisor/Fellowship Coordinator shall be the Community Planning Liaison Officer with supplemental support by Installation Environmental Staff and Public Works as applicable.

o Attend a weeklong training in May 2023
o Attend weekly (virtual) “Lunch and Learns”, Wednesdays from 12:00pm-1:30pm
o Submit weekly Canvas reports over the course of the fellowship
o Hybrid-Work schedule is anticipated to be performed (Minimum 60%-person) at NSA Crane, Indiana – US Navy Installation, and remote work (40%-telework) at a location mutually agreed upon between parties.

Qualifications
  • Graduate-Level Student within the IU O’Neill School of Public and Environmental Affairs or other IU climate/resiliency related discipline/field of study.
- Detail oriented, experience and/or graduate coursework in sustainability and climate resiliency studies to include analytics/metrics of climate change impacts, risks and opportunities for adaptation, mitigation, and resilience benefits.
- Experience working with Microsoft Office products, utilization of GIS Mapping Tools, effective verbal and written communication, graphic-oriented reporting, self-motivated, ability to prioritize and manage multiple ongoing tasks.
- Student should be knowledgeable and have experience or coursework in data tracking of measurable outcomes on climate/resiliency related projects, natural resources, public infrastructure, and general engineering principals.
- Ability to take initiative in communicating with representatives of the US Department of Defense and US Navy (local installation and higher representatives as applicable)
- Ability to work and document information from multiple stakeholders (NSA Crane Mission Areas and stakeholders, Conservation Law Center – Southern Indiana Sentinel Landscape)
- Equity mindset/lens and other critical indicators related to DEI in climate work are preferred
- Student must be a US Citizen and pass a Background Check for assigned duties. Candidate may also be required to sign a Non-Disclosure Agreement when working with sensitive information.

Compensation
Compensation will be in the form of a scholarship through the Environmental Resilience Institute. The Fellow will work full time for 10 weeks beginning approximately 30 May 2022 through approximately the week of 07 Aug 2022 as negotiated between student and host organization.

Feedback and evaluation
The Fellow will be given regular feedback from staff on progress and performance. Success in the fellowship will be determined by the completion of specified projects in a professional and timely manner. The Fellow should learn how this organization identifies its sustainability priorities, effective principles of communication, and how to develop and maintain professional relationships.

Diversity, Equity and Inclusion
The McKinney Climate Fellows Program supports the continual advancement and development of diverse, inclusive and equitable spaces. Indiana climate change solutions should be equitable in implementation, and projects with equity considerations are encouraged to reduce climate change impacts on marginalized communities in the state.

Application instructions
To apply for this position, complete an application on the Environmental Resilience Institute’s website. If you have questions about the program or any of the positions available, email the Environmental Resilience Institute at eri@iu.edu. Applications will be accepted on a rolling basis (first come, first serve) until Friday, January 13, 2023.