



# Leveraging Available Funding to Meet Resilience Challenges

**Moderator: Stacey Shepard, Managing Senior Dir, CBRE**

**Government Speakers: Panel 1**

- **Kristin Thomasgard - Director, Readiness & Environmental Protection Integration (REPI) Program**
- **Dan Glasson - Dep Director for Community Investment, Office of Local Defense Community Cooperation (OLDCC)**
- **Lu Vargas - AZ State Hazard Mitigation Officer, FEMA Emergency Management**

**Community/Industry Speakers: Panel 2**

- **Dan Rhoades – COO, Robins 21st Century Partnership**
- **Neil Chapman - Forest Health Supervisor, Flagstaff Watershed Protection**
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# REPI

READINESS AND ENVIRONMENTAL  
PROTECTION INTEGRATION PROGRAM



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Association of Defense Communities  
Installation Innovation Forum

Kristin Thomasgard, REPI Program Director,  
Office of the Assistant Secretary of Defense (Energy, Installations, and Environment)

# REPI and Military Installation Resilience

- DoD established the REPI program to combat encroachment pressures outside installations and ranges that adversely affect the military's use of its training and testing lands.
- Traditionally, the program has focused on encroachment risks stemming from land use conversion around military bases—namely, **development pressures and habitat loss.**
- In Fiscal Year 2021, Congress expanded REPI's primary legal authority, 10 U.S. Code § 2684a, to include **military installation resilience as a core focus of the REPI program.**



*(U.S. Air Force photo by Airman 1st Class Chase Sullivan)*



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# REPI Project Locations



- DoD has leveraged \$1.18 billion with over \$1.05 billion in non-Department partner contributions to protect nearly **830,000 acres of land**, safeguarding vital test, training, and operational assets and capabilities in **118 locations** in 35 states and territories.
- There are over **180 communities** that fall within a REPI project boundary.



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# Pōhakuloa Training Area REPI Project

- Pōhakuloa Training Area is a joint/combined arms facility that provides logistics, public works, airfield support, and environmental and cultural stewardship in support of the Army's training strategy.
- Wildfires have caused severe disruptions to the military's training exercises and safety concerns for DOD personnel and residents.
- To reduce wildfire risk, this 2022 REPI Challenge project received **\$2.4 million in REPI funding** to create fire breaks and establish road improvements that will enhance installation resilience to climate change.

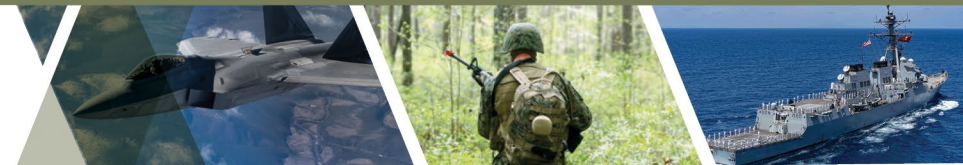


*Soldiers with the 100th Infantry Battalion, 442nd Infantry Regiment, conduct military operations at Pōhakuloa Training Area, Hawaii, July 13, 2021. (U.S. Army Photo By Staff Sgt. Felix Fimbres)*



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# Naval Observatory Flagstaff and Camp Navajo REPI Project

- Naval Observatory Flagstaff has ideal geographic, climatic, and atmospheric conditions for DOD's national dark-sky observatory site.
- Unhealthy forests and sustained drought increase the risk of high-intensity wildfire across the installations and neighboring communities.
- This 2022 REPI Challenge project received **\$1 million** in REPI funding coupled with **\$7.6 million in partner contributions** to reduce hazardous fuel loads in Northern Arizona and protect both the installations and surrounding communities from the threat of catastrophic wildfire.



*Main building of the USNO Flagstaff Station, (NOFS) in Flagstaff, Arizona (U.S. Navy Photo by Geoff Chester)*



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# Future Resilience Funding Opportunities

- **FEMA Hazard Mitigation Grants**
  - Leverage REPI funds to satisfy the FEMA Building Resilient Infrastructure and Communities Program's non-federal cost-sharing requirement.
- **2024 REPI Challenge**
  - Anticipate the Request for Proposals for the 2024 REPI Challenge to be released in June 2023.
- **NFWF Resilience Opportunities**
  - *National Coastal Resilience Fund*: Look for the 2023 Notice of Funding Opportunity to be released in March 2023.
  - *America the Beautiful Challenge*: Expect full proposals to be due in late July 2023.



Air Force F-16 Fighting Falcons fly in formation before an aerial refueling over Phoenix, Aug. 6, 2022. (U.S. Air Force photo by Sgt. James Richardson)



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## For more information:

Kristin Thomasgard, REPI Program Director,

Office of the Assistant Secretary of Defense (Energy, Installations, & Environment)

[www.repi.mil](http://www.repi.mil)

Join the REPI Listserv:







**U.S. Department of Defense**  
Office of Local Defense  
Community Cooperation

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# Installation Resilience Support Programs

## Encroachment & Installation Resilience

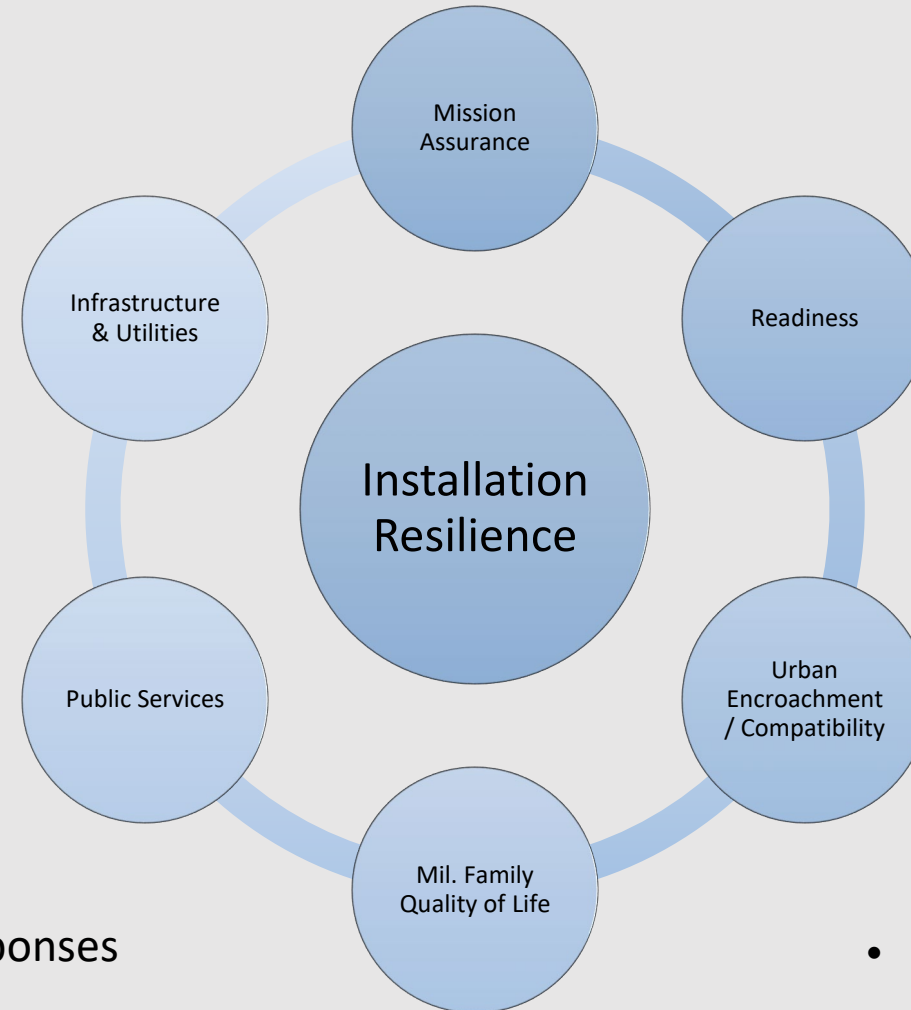
- Non-competitive, eligibility-based program
- Assistance to States and communities to analyze and implement actions necessary to foster, protect and enhance military installation sustainability
- Funding: studies, planning & design, local organizational support
- Rolling proposal solicitation throughout the year
- 10% local cost share (match)
- FY22: \$9.6M, FY23 (estimate): \$16M

## Defense Community Infrastructure Pilot Program (DCIP)

- Competitive program
- Project funding enhancing military value, installation resilience, and military family quality of life
- Funding: construction
- Subject to appropriations, proposal solicitation one time per year
- 30% local cost share (match) except for rural (population less than 100,00) project locations
- FY22: \$90M, FY23 (estimate): \$100M



# Resilience Considerations



- Place-based local responses

- One community = One response



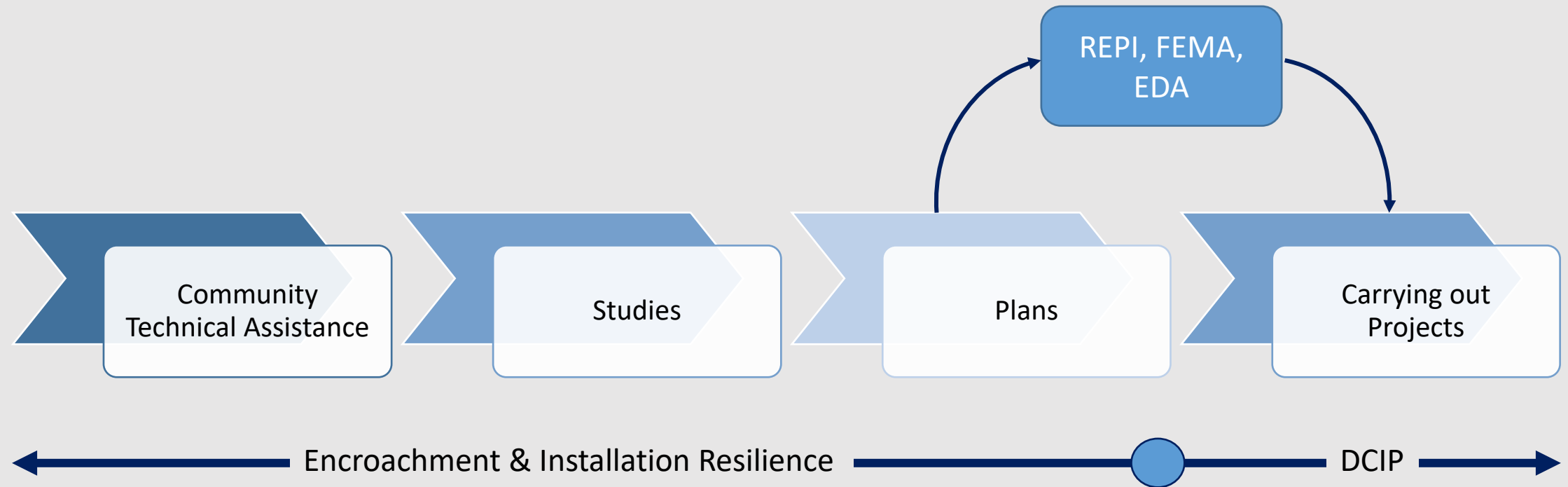
# 10 U.S.C. 2391(b)(5)(D)

(D) The Secretary of Defense may also make grants, conclude cooperative agreements, and supplement other Federal funds, in order to:

- assist a State or local government in planning, enhancing infrastructure, and implementing measures and projects (to include resilience measures and projects involving the protection, restoration, and maintenance of natural features) that, as determined by the Secretary of Defense, will...
- contribute to maintaining or improving military installation resilience or will prevent or mitigate encroachment that could affect operations of the Department of Defense.



# Assistance Progression



## Eligible DCIP Projects

Any complete and useable transportation project; community support facilities (e.g., school, hospital, police, fire, emergency response, or other community support facility); and utility infrastructure projects (e.g., water, wastewater, telecommunications, electric, gas, or other utility infrastructure).



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# Backups



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# 10 U.S.C. 101(e)(8)

The term “military installation resilience” means the capability of a military installation to avoid, prepare for, minimize the effect of, adapt to, and recover from extreme weather events, or from anticipated or unanticipated changes in environmental conditions, that do, or have the potential to, adversely affect the military installation or essential transportation, logistical, or other necessary resources outside of the military installation that are necessary in order to maintain, improve, or rapidly reestablish installation mission assurance and mission-essential functions.



# **Association of Defense Communities' Installation Innovation Forum**

***November 1, 2022***

***Ready, Responsive, Reliable***





# *Agency Mission*

## **Department of Emergency and Military Affairs**

The Department's mission is to provide military and emergency management capabilities to citizens of Arizona and the Nation



# *Eligible Subapplicants*

- **State Government**
- **Local Government**
- **Tribal Government (via the State)**

Partnerships are permitted with non-governmental organizations



# ***FEMA Hazard Mitigation Assistance Program***

- **Annual, Nationally Competitive, Non-Disaster Grants**
  - **Building Resilient Infrastructure and Communities (BRIC)**
    - All Hazards
  - **Flood Mitigation Assistance (FMA)**
    - Flood Specific
    - National Flood Insurance Program (NFIP)
  
- **Disaster Specific Grants**
  - **Hazard Mitigation Grant Program (HMGP)**
    - Available after a federal
  - **Hazard Mitigation Grant Program (HMGP) Post Fire**
    - F



**Lucrecia “Lu” Vargas**  
Arizona State Hazard Mitigation Officer  
Office: (602) 464-6349  
[Lucrecia.Vargas@azdema.gov](mailto:Lucrecia.Vargas@azdema.gov)



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