



ANNAPOLIS, MD | JUNE 5 – 6



Creating Installation Resilience

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Mr. Ivan G. Bolden, Chief of Army Partnerships, Chairman of Joint Services Partnership Committee, Office of the Deputy Chief of Staff, G-9

Ms. Paula Monachelli, Director of Basing, Office of the Assistant Secretary of the Navy Energy, Installations & Environment (EI&I)

Ms. ToniAnn Fisher, Director for Air Force Community Partnerships and Mission Sustainment, Office of the Deputy Assistant Secretary of the Air Force for Installations

Mr. Patrick O'Brien, Director, Office of Local Defense Community Cooperation

Panel Moderator: **Ms. Claire Reynolds**, Associate Vice President, Salas O'Brien



Ivan G. Bolden

Chief of Army Partnerships

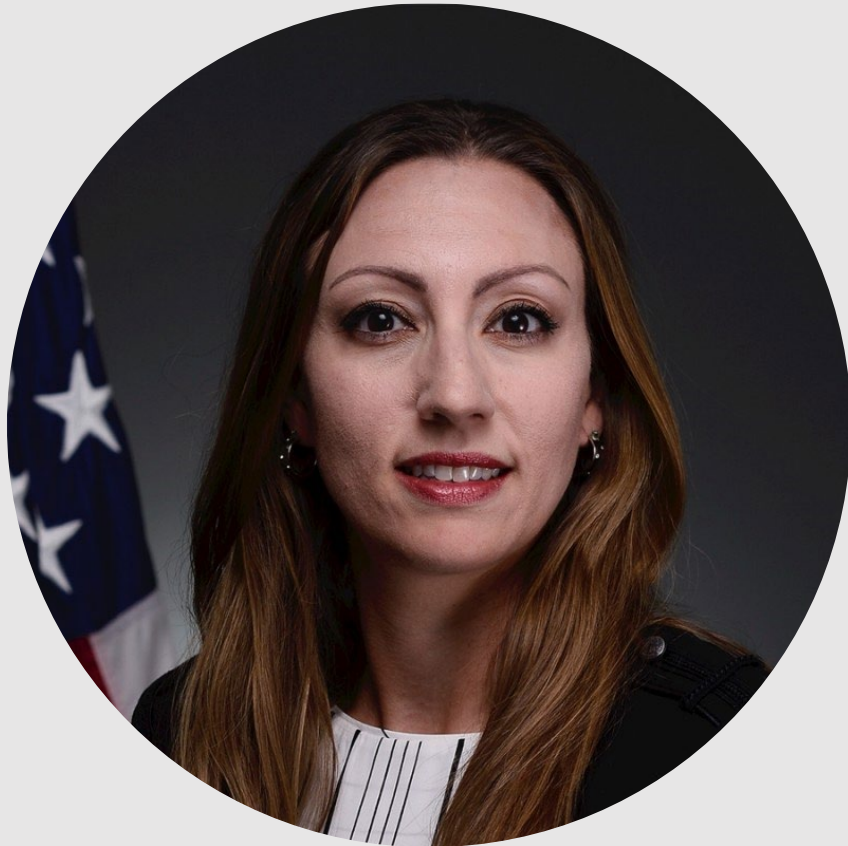
Chairman of Joint Services Partnership Committee

Office of the Deputy Chief of Staff, G-9

Mr. Bolden served for 27 years in the United States Army, retiring as a Colonel.

Served in roles within the Army and Installation Management Community since 2002 and has been in his role as Chief of Army Partnerships since 2007.

Enjoys meeting people, traveling, playing golf and rooting for his New Orleans Saints, Golden State Warriors, and the New York Yankees. Hooah!



ToniAnn Fisher

**Director for Air Force Community Partnerships
and Mission Sustainment**

*Office of the Deputy Assistant Secretary of the Air Force for
Installations*

Ms. Fisher drives policy implementation to mitigate operational risk to Air Force installations and supports innovative partnering solutions with local communities.

In her government career, she served as a diplomat in the Department of State and supported OSD Policy and Energy offices at the Department of Defense.

Proud Mom to 11-yr-old twin girls, 2 rescue dogs, 1 Siamese cat, and 5 parakeets. Enjoys photography, reading, hiking, and road trips -- and when the twins, dogs and cat aren't squabbling with one another!



Paula Monachelli

Director of Basing

Office of the Assistant Secretary of the Navy (EI&E)

Ms. Monachelli originally hails from Los Angeles, California and has held positions at all echelons of the Navy's Shore Establishment throughout her career, both CONUS and OCONUS. She has extensive knowledge of basing policy, programs, oversight, and budgeting.

Paula has two daughters and two dogs...don't ask about favorites!

Took Blink 182 out on a Navy Entertainment Tour to the Middle East... ask about that!



Patrick O'Brien

Director, Office of Local Defense
Community Cooperation

Mr. O'Brien leads a talented team to assist states and local communities to respond to Department of Defense activity and supports its missions.

Prior to OLDCC, Mr. O'Brien was a Presidential Management Intern with the U.S Department of Housing and Urban Development; spent time on the Hill working on community and economic development.

He has his Bachelor of Arts Degrees in Urban Affairs and Political Science from the University of Minnesota-Duluth and his Master's in Public Management and Policy for the School of Urban and Public Affairs at Carnegie-Mellon.



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Partnership Case Studies and Best Practices

What's Possible?

Build Lasting Relationships

Connect Partners

Train & Coach

Seek Win-Win

GET TO YES

Generate Ideas

Provide Structure

Work with Communities

Discern Needs & Capabilities





Army

- Since the programs establishment in 2013 there have been 130 IGSAs signed
- IGSA savings of \$40M annually
- \$45M in one time cost avoidance
- Strengthened community bonds and resilience



Navy

- Significant growth in the Navy and Marine Corps IGSA program from 2020-2023
- 57 active IGSAs
- 30+ in development
- Focusing on maturing and expanding use of the IGSA authority



Air Force

- AFCP launched in 2013
- 1,000+ initiatives
- 460+ signed agreements
- \$165M in financial benefits
- 60+ installations have participated in the AFCP program



DoD COMMUNITY PARTNERSHIP TOOLS

COOPERATIVE AGREEMENT

Support by transferring something of value with substantial involvement of parties

GRANT

Transfer something of value where substantial involvement of both parties is not expected

MUTUAL AID AGREEMENT

Routine assistance for public safety with local jurisdiction

LICENSE

Temporary use and non-exclusive possession of DoD property to non-federal party for a specific term

LEASE

Allows a party to use a specific portion of installation DoD Property

TAA

No-cost legal agreement for training between two or more institutions

MOA

Specific terms and responsibilities between parties with commitment of resources and compensation

IGSA

Agreement with a state or local government to provide, receive, or share installation-support services that the local partner currently performs

MOU

Agreement where no funds or resources of value are exchanged

EUL

Method for funding construction on federal property by allowing a private developer to lease underutilized property

Maryland Partnerships



Maryland has four Active IGSA:

Fort Detrick: Solid Waste Collection, Landfill, Computer Aided Dispatch

Fort Meade: Storm Water Management

Fort Meade and Howard County signed the 100th IGSA on 18 May, 2022.

This IGSA is with the Howard County Department of Public Works, Bureau of Environmental Services for stream restoration design and engineering, as well as construction support services.

Where can OLDCC and the Army fill the gap to ensure we are not missing opportunities, and ensure we are capitalizing on everything OLDCC can offer our communities and bases?

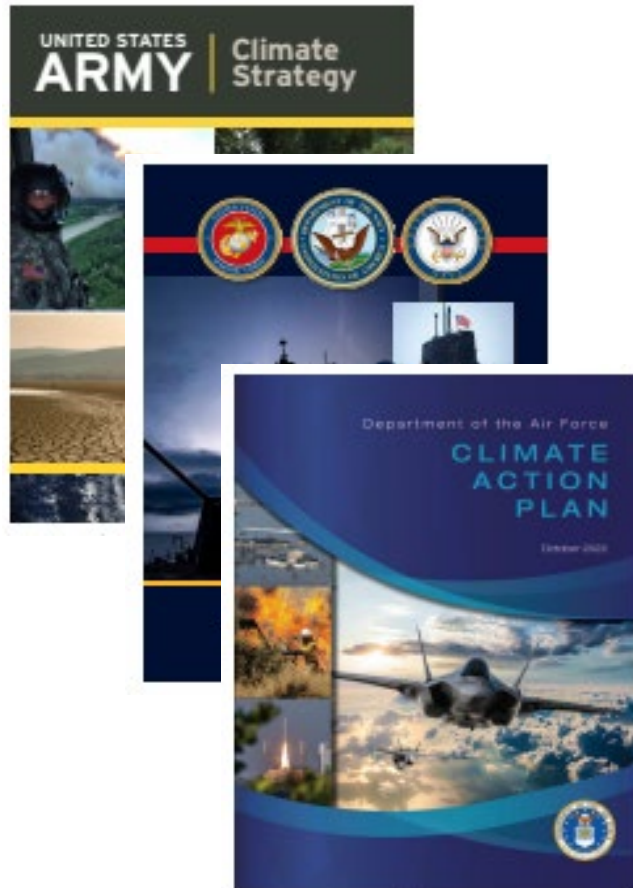


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How Community Partnerships Support Federal Regulations

Plans, Actions, and Strategies to Implement Policy



EO 14008

Tackling the Climate Crisis at Home and Abroad (27 Jan 21)

EO 14057

Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability (8 Dec 21)

- **DoD Climate Working Group**
- **OSD Cost Assessment and Program Evaluation (CAPE) Climate Reviews**
- **DoD Climate Adaptation Plan & Annual Progress Report**
- **DoDD 4715.21, Climate Change Adaptation and Resilience**
- **DoD Climate Risk Analysis**
- **DoD Sustainability Report & Implementation Plan**

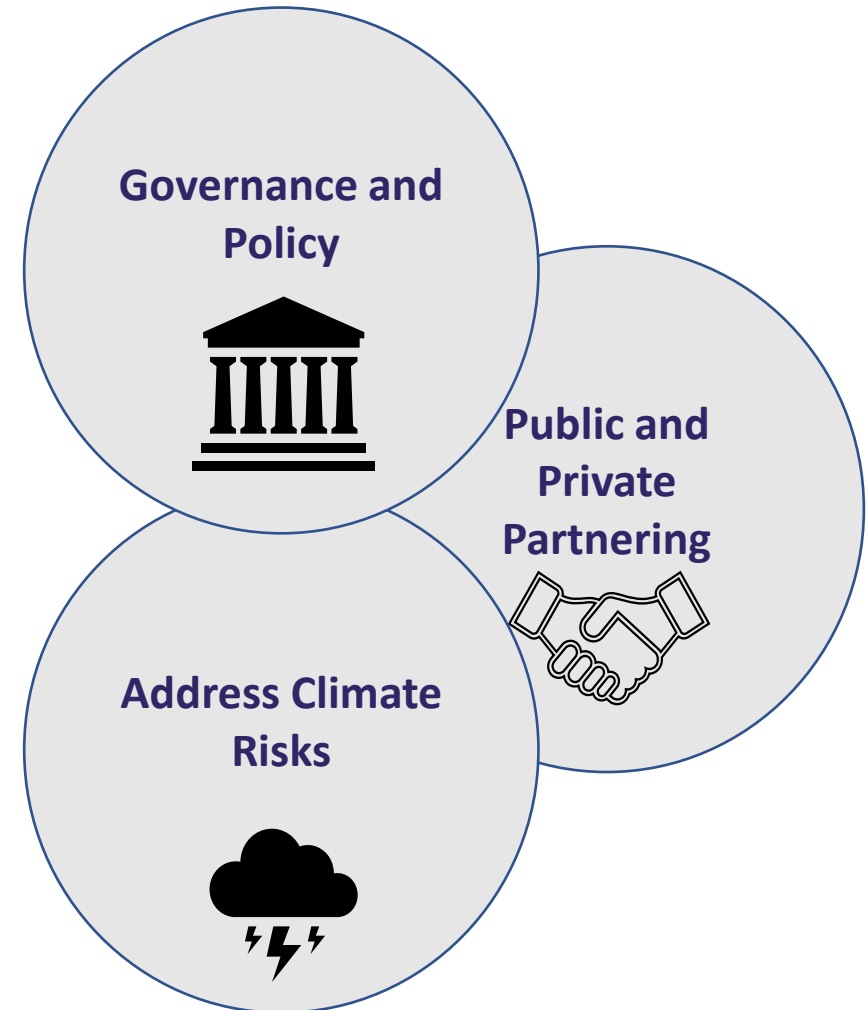
Public Private Partnership Opportunities for Sustainability

Opportunities for **private sector and public partnership** engagement

- The private sector capitalizes on decarbonization
- Federal inter-agencies (i.e., DOE) are focused on net-zero and supporting disenfranchised communities and clean energy infrastructure.
- DoD climate strategies and plans provide sustainability metrics that the community can help achieve.
- Partner with the community to source clean building materials after damage to installations caused by climate change.

Example: Climate Smart Building

Initiative: <https://www.energy.gov/femp/climate-smart-buildings-initiative>



Sustainability

UNITED STATES CODE U.S.C	Executive Order (EO)
<ul style="list-style-type: none"> 10 USC 2391, Military base reuse studies and community planning assistance 10 USC 2684, Cooperative agreements for management of cultural resources 10 USC 2802, Military construction projects 10 USC 2864, Master plans for major military installations FY2020 NDAA, Sec 331, Agreements to Share Monitoring Data Relating to Perfluoroalkyl and Polyfluoroalkyl Substances and Other Contaminants of Concern FY2021 NDAA, Subtitle E (Sec 261-267), Sustainable Chemistry FY2021 NDAA, Sec 333, Restriction on Department of Defense Procurement of Certain Items Containing Perfluorooctane Sulfonate or Perfluorooctanoic Acid FY2021 NDAA, Sec 334, Sustainable Alternatives to Aqueous Film-Forming Foam FY2022 NDAA, Subtitle D (Sec 341-349), Treatment of Perfluoroalkyl Substances and Polyfluoroalkyl Substances FY2022 NDAA, Sec 323, Plan to reduce Greenhouse Gas Emissions 	<ul style="list-style-type: none"> Executive Order 13985, Advancing Racial Equity and Support for Underserved Communities Through the Federal Government, January 20, 2021 Executive Order 13990, Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis, January 20, 2021 Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, January 27, 2021 Executive Order 14017, America's Supply Chains, February 24, 2021 Executive Order 14030, Climate-Related Financial Risk, May 20, 2021 Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 08, 2021 Executive Order 14072, Strengthening the Nation's Forests, Communities, and Local Economies, April 22, 2022

Climate Change

UNITED STATES CODE U.S.C	Executive Order (EO)
<ul style="list-style-type: none"> National Defense Authorization Acts (NDAA) FY21 & FY22 10 USC 2391, Military base reuse studies and community planning assistance 10 USC 2684, Cooperative agreements for management of cultural resources 10 USC 2802, Military construction projects 10 USC 2815, Military installation resilience projects 10 USC 2864, Master plans for major military installations 10 USC 2866, Water conservation at military installations 10 USC 2911, Energy policy of the Department of Defense 	<ul style="list-style-type: none"> Executive Order 13990, Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis, January 20, 2021 Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, January 27, 2021 Executive Order 14017, America's Supply Chains, February 24, 2021 Executive Order 14030, Climate-Related Financial Risk, May 20, 2021 Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 08, 2021 Executive Order 14072, Strengthening the Nation's Forests, Communities, and Local Economies, April 22, 2022
<p>Executive Orders (EO)</p> <ul style="list-style-type: none"> Executive Order 13985, Advancing Racial Equity and Support for Underserved Communities Through the Federal Government, January 20, 2021 	

Installation Energy

UNITED STATES CODE U.S.C	UNITED STATES CODE U.S.C
<ul style="list-style-type: none"> 10 USC 101, Definitions 10 USC 2662, Real property transactions 10 USC 2667, Leases 10 USC 2668, Easements 10 USC 2679, Installation support services 10 USC 2686, Utilities and services 10 USC 2688, Utility systems 10 USC 2802, Military construction projects 10 USC 2805, Unspecified minor construction projects 10 USC 2807, Architectural and engineering services and construction design 10 USC 2867, Energy monitoring and utility control system specification 10 USC 2872, Utilities and services 10 USC 2911, Energy policy of the Department of Defense 10 USC 2912, Availability and use of energy cost savings 10 USC 2913, Energy savings contracts and activities 10 USC 2914, Energy resilience and conservation construction projects 10 USC 2915, Facilities – renewables 10 USC 2916, Sale of electricity from alternate energy and cogeneration 10 USC 2917, Development of geothermal 10 USC 2918, Fuel sources for heating systems 10 USC 2919, DoD participation in programs for management of energy 	<ul style="list-style-type: none"> 10 USC 2920, Requirements for availability of energy for critical missions; black start exercises. 10 USC 2922, Liquid fuels & natural gas 10 USC 2925, Annual DoD Energy Management Reports 40 USC 501, Contract for public utility 42 USC 6835, Energy efficiency stds 42 USC 2802, Military compliance 42 USC 8253, Energy management requirements 42 USC 8256, Incentives for agencies 42 USC 8257, Interagency energy management task force 42 USC 8258, Reports 42 USC 8259, 8262, Definitions 42 USC 8287, Authority to enter into contracts 42 USC 15852, Renewable energy use requirement 42 USC 17091, Energy star requirement 42 USC 17112, Data center efficiency <p>Executive Order (EO)</p> <ul style="list-style-type: none"> Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, January 27, 2021 Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 08, 2021

Water Resilience

UNITED STATES CODE U.S.C	CODE OF FEDERAL REGULATION (CFR)
<ul style="list-style-type: none"> 33 USC 1251, Congressional Declaration of Goals and Policy 42 USC 300g-1, National Drinking Water Regulations 42 USC 8253, Energy and Water Management Requirements 10 USC 2925, Annual Department of Defense Energy Management Report 42 USC 262a, Enhanced Control of Dangerous Biological Agents and Toxins 10 USC 2866, Water Conservation at Military Installations 	<ul style="list-style-type: none"> 40 CFR §141.401, Sanitary Surveys for Groundwater Systems, <p>Executive Order (EO)</p> <ul style="list-style-type: none"> Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 8, 2021

Community Resilience

UNITED STATES CODE U.S.C	United States Code U.S.C.
<ul style="list-style-type: none"> 10 USC 1791, Office of Family Readiness Policy 10 USC 2285, Department of Defense Climate Resilience Infrastructure Initiative 10 USC 2391, Military base reuse studies and community planning assistance 10 USC 2667, Leases: non-excess property of military departments and Defense Agencies 10 USC 2679, Installation Support Services: intergovernmental support agreements 10 USC 2684, Cooperative Agreements for Management of Cultural Resources at military installations 10 USC 2687, Base Closures and Realignment. 10 USC 2691, Restoration of land used by permit or damaged by mishap; reimbursement of state costs of fighting wildland fires 10 USC 2694, Conveyance of surplus real property for natural resource conservation 10 USC 2692, Storage, treatment, and disposal of nondefense toxic and hazardous materials 10 USC 2815, Military installation resilience projects 10 USC 2816, Consideration of energy security and energy resilience in life-cycle costs for military construction 10 USC 2864, Master plans for major military installations 10 USC 2866, Water conservation at military installations 10 USC 2911, Energy policy of the Department of Defense 10 USC 2915, Use of renewable forms 	<ul style="list-style-type: none"> 10 USC 2919, Department of Defense participation in programs for management of energy demand or reduction of energy use during peak periods 10 USC 2920, Energy resilience and energy security measures on military installations 10 USC Ch. 160, Environmental restoration <p>Executive Orders (EO)</p> <ul style="list-style-type: none"> Executive Order 13985, Advancing Racial Equity and Support for Underserved Communities Through the Federal Government, January 20, 2021 Executive Order 13990, Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis, January 20, 2021 Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, January 27, 2021 Executive Order 14017, America's Supply Chains, February 24, 2021 Executive Order 14030, Climate-Related Financial Risk, May 20, 2021 Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 08, 2021 Executive Order 14072, Strengthening the Nation's Forests, Communities, and Local Economies, April 22, 2022

Wastewater Resilience

UNITED STATES CODE U.S.C	CODE OF FEDERAL REGULATION (CFR)
<ul style="list-style-type: none"> 10 USC 2684, Cooperative Agreements for Management of Cultural Resources at military installations 43 USC 390h, Program to investigate reclamation and reuse of wastewater and groundwater 33 USC 1302, Wastewater efficiency grant pilot program 42 USC 8253, Energy and Water Management Requirements 	<ul style="list-style-type: none"> 40 CFR §141.401, Sanitary Surveys for Groundwater Systems <p>Executive Orders (EO)</p> <ul style="list-style-type: none"> Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, December 08, 2021

List of additional resources and requirements that can be utilized to support partnering efforts

Joint Base Andrews Partnership Highlights

Blanket IGSA with Prince George County for roofing, elevator, grease trap, snow plow, bulk purchase of road materials

Tree Obstructions Removial IGSA: County Dept. Of Public works, removes tall growing trees penetrating airspace, removes vegetation impacting approach lighting plane

STEAM-M MOU: This MOU partners JBA with the Patriots Technology Training Center, a non-profit organization in Prince Georges County. They host an annual aerospace summit for an educational STEAM-M event. To date a total of 860 students from NCR have attended.



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OLDCC Military Installation Resiliency Grant for storm water infrastructure next steps: MIR Grant and hopefully a DCIP grant in the near future

Childrens Library Program MOU: JBA's Base Library partners with the Imagine Andrews Public Charter School and Prince George's Memorial Library System to provide non-military students equal access to the JBA library and resources.

What can leaders from our installations and local communities do to ensure they are prepared for our changing environment?



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“Lots of Room for Partnership Growth”

Navy Partnership Highlights



Between NSA Annapolis, NAS Pax River, and NSF Indian Head – Navy installations and surrounding communities have four active REPI projects which received ~\$46M in DoD grant funding



U.S. Department of Defense
Office of Local Defense
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DCIP: The community outside NAS Pax River received an FY21 DCIP construction grant for ~\$400K to build a pedestrian access project outside the base gate. This is the only DCIP grant awarded to a Maryland defense community in the three years of the DCIP program.

Navy has 21 active partnerships with the local communities outside NAS Pax River and NSA Bethesda. Of the 21, two are IGSAs and save the Navy ~\$1.5M annually.



Navy is actively exploring partnership opportunities at our installations in Maryland – whether utility privatization, Enhanced Use Leases (EULs), etc.

Expanding Partnerships: Naval Base San Diego Low Carbon Fuel Credit Partnership



Partnership Description: The **Port of San Diego (PSD)** will provide services to **Naval Base San Diego (NBSD)**. PSD will register to generate credits under the **California Air Resources Board's Low Carbon Fuel Standard** based on Navy vessels use of shore power. PSD will sell the credits generated by Navy Vessels at NBSD and utilize a portion of these proceeds from the sale of credits to provide NBSD with **energy and utility infrastructure improvements**.

Benefits: \$20 - \$30M in annual net revenue for energy and utility infrastructure upgrades at NBSD



Value in Expanding Partnerships

Partnerships are a broad authority; how do we look for innovate ways to expand and find ways to continue to grow and develop these partnerships?

Common roadblocks: A lot of time Lawyers are unaware of these authorities, and they are not utilized to their fullest intent. How do we make this idea of Partnerships less risk adverse?



What is being done to ensure installation resiliency?



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Office of Local Defense Community Cooperation (OLDCC)

Office of Local Defense Community Cooperation (OLDCC)

The U.S. Department of Defense Office of Local Defense Community Cooperation assists states and local governments to maximize support of the military mission.

Programs of Assistance:

Community Investment: Enables states and communities to undertake investments in infrastructure

Defense Community Infrastructure Program: address deficiencies in community infrastructure supportive to a military installation

Defense Diversification and Modernization: allow communities to engage in the regional ecosystem of companies supporting our nations defense

Defense Manufacturing Community Support Program: support long-term community investments that strengthen national security innovation

Installation Resilience: enable communities to analyze risks to resources outside and on the installation that are critical to the mission

Intergovernmental and Stakeholder Engagement: leverages, integrates, amplifies the goals of all program activities to ensure defense priorities benefit

Realignment: activities enable state and local governments to anticipate and respond to military force changes and reductions

Public Schools on Military Installations: designed to ensure that military children are taught in a safe, secure, conducive learning environment aligned with local standards in that region.

Maryland OLDCC Projects

Community Investment: Walter Reed National Military Medical Center, Bethesda: \$112.3M investment

Community Investment : Fort Meade OLDCC assistance helps local education agency modernize facilities to support 2,248 students

Defense Diversification and Modernization: State of MD, \$515K for DoD Cybersecurity Compliance Requirements for Defense Contractors

Mission Realignment: Bainbridge Naval Training Center- \$1.4M OLDCC Economic Adjustment Investment completed a site survey and redevelopment plans for the former training center

Installation Resilience: Aberdeen Proving Grounds (APG) uses \$820K OLDCC Compatible Use investment for an MOU to add a road extension to provide additional rout out of Perryman Peninsula. Help with major safety concern