

# Leveraging the Farm Bill to Promote Compatible Land Uses Near Military Bases

January 14, 2020  
2:00 p.m. to 3:00 p.m. EST



- NACo is the only national organization representing county government in the country.
- NACo works with all 3,069 counties to build and maintain healthy, vibrant, safe and resilient communities.
- Counties are responsible for many things that impact the everyday lives of our residents, including environmental management and regulatory compliance, economic development, and local land use planning.

## Webinar Objective

- To educate county officials and local Department of Defense partners about the importance of working together to ensure that local community development is compatible with the training and defense mission of nearby military installations, and that the activities of DOD installations meanwhile do not negatively impact the health and well-being of community residents.

# Today's Presenters



**Kristin Thomasgard,**  
U.S. Department of Defense

Readiness & Environmental Protection  
Integration (REPI) Program



**Dan Kessler,**  
Assistant Director of Transportation

North Central Texas Council of  
Governments (NCTCOG)

# Today's Presenters



**Patrick Dunn,  
South Sound Program Director**

Center for Natural Lands Management



**Jimmy Bramblett,  
Deputy Chief of Programs**

USDA Natural Resource  
Conservation Service

## Kristin Thomasgard, Program Director, U.S. Department of Defense Readiness and Environmental Protection Integration (REPI) Program





# REPI UNITED STATES DEPARTMENT OF DEFENSE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

## Key DoD Programs



### ❑ Office of Economic Adjustment

Administers a Compatible Use Program, to encourage cooperative land use planning between military installations and the surrounding communities

<https://www.federalregister.gov/documents/2019/08/05/2019-16619/announcement-of-federal-funding-opportunity>



### ❑ Military Aviation and Installation Assurance Siting Clearinghouse

Protects DoD's mission capabilities from incompatible energy development by collaborating with DoD Components and external stakeholders to prevent, minimize, or mitigate adverse impacts on military training, testing, and readiness operations

The Department of Defense's Readiness and Environmental Protection Integration (REPI) Program is a key tool for promoting innovative and land conservation partnerships that benefit national defense, neighboring communities and the environment.

Parachute training is halted when housing developments are built near drop sites



**80%** of military bases have surrounding development that is higher than the national average



Realistic combat training, pristine test environments, and operational capability are keys to keeping our service members safe. However, encroachment issues are creating obstacles that threaten military activities.



Flight testing, training, and operations are impeded by cellphone towers, wind farms, and developments



Weapons testing and training causes noise, dust, and smoke complaints from nearby communities

Urban sprawl decreases habitat and may cause Federally protected species to seek sanctuary on military lands



Night training is compromised when light pollution from nearby commercial areas spreads







# REPI UNITED STATES DEPARTMENT OF DEFENSE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

## Leverage Funding

Since 2003, **\$962 million** in DoD funds have been leveraged with **\$854 million** in partner funds to preserve compatible land use and protect important habitat around installations and ranges.



# REPI UNITED STATES DEPARTMENT OF DEFENSE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

## Taking It Further – More Opportunities

### ❑ “Funds as Match” authority

Allows DoD funds to be considered a non-federal match for USDA or DOI conservation programs

### ❑ Promote and enhance resilience

Congress expanded 10 USC § 2684a in the FY2019 National Defense Authorization Act to include agreements that enhance or improve military installation resilience

### ❑ Natural resources stewardship and long-term management

10 USC § 2684a(d)(3) or 16 USC § 670c-1 support current and future cost of natural resource management, monitoring, and enforcement

### ❑ 2020 REPI Challenge

Up to \$15M in DoD funds for projects that preserve and enhance military installations or range capability, and maintain installation resilience (specifically coastal resilience). Open to all eligible partners at DoD installations.





# REPI UNITED STATES DEPARTMENT OF DEFENSE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

## Getting Involved

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

REPI Mapper: [www.repimap.org](http://www.repimap.org)

Sentinel Landscapes: [www.sentinellandscapes.org](http://www.sentinellandscapes.org)

Siting Clearinghouse: [www.acq.osd.mil/dodsc/](http://www.acq.osd.mil/dodsc/)

Office of Economic Adjustment: [www.oea.gov](http://www.oea.gov)

**REPI** UNITED STATES DEPARTMENT OF DEFENSE  
READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

**Welcome**

The Department of Defense (DoD)'s REPI Program is a key tool for combating encroachment that can limit or restrict military training, testing, and operations.

The REPI Program protects these military missions by helping remove or avoid land-use conflicts near installations and addressing regulatory restrictions that inhibit military activities. The REPI Program is administered by the Office of the Secretary of Defense (OSD).

**2020 REPI Challenge Pre-Proposal Now Available!**

The 2020 REPI Challenge Pre-Proposal Form is now available. The 2020 REPI Challenge recognizes projects that preserve and enhance military installations or ranges which host key capabilities identified in the National Defense Strategy. Additional consideration will be given to those projects that leverage the REPI Program's authority to promote and maintain installation resilience, particularly in the areas of coastal resilience and addressing wildlife threats, as well as projects that leverage multiple authorities to accomplish project goals. The 2020 REPI Challenge is open to all eligible partners at DoD installations and will award up to \$15 million in funds by July 2020, subject to availability of funds. The Pre-Proposal Form is due on Friday, January 24, 2020, by 8:00 PM ET. All applicants will be notified regarding the status of their pre-proposals on February 21, 2020. Full proposals are then due on April 24, 2020, by 8:00 PM ET. For additional information, please visit the U.S. Endowment for Forestry and Communities' website.

**Sentinel Landscapes Partnership Announces a New Interactive Landowner Resources Tool!**

The Sentinel Landscapes Partnership recently introduced a new Interactive Landowner Resources Tool which allows users to explore over 300 voluntary state and federal landowner assistance programs in one convenient location. The mission for this product is to make it easier for private landowners, conservation organizations, and federal land managers to find landowner assistance programs. To improve efficiency, users can filter results by benefit type. The tool also includes valuable information on the applicant eligibility, permit domain for each program listed. Lastly, users can export a PDF of your filtered results if it out today!

**REPI Interactive Map**  
Readiness and Environmental Protection Integration Program

ArcGIS World Geocoding S

Home About Landscapes Landowner Resources Get Involved Contact Us

**THE SENTINEL LANDSCAPES PARTNERSHIP**

Where defense, agriculture, and conservation communities work together to empower private landowners

**Who We Are**

The Sentinel Landscapes Partnership is a coalition of federal agencies, state and local governments, and non-governmental organizations that works with private landowners to advance sustainable land management practices around military installations and ranges. Founded in 2013 by the United States Department of Defense, Department of Agriculture, and Department of the Interior, the partnership connects landowners with voluntary assistance programs that support defense, conservation, and agricultural missions.

**What We Do**

**Empower Private Landowners**

Our partners work to empower private landowners to carry out sustainable management practices on their properties that have ecological, economic, and national defense benefits. We accomplish this by connecting landowners with voluntary state and federal assistance programs that meet their individual needs. To learn more about available assistance, please visit our [interactive landowner resources tool](#).

**Strengthen Military Readiness**

Our partners strengthen military readiness by promoting land use around military installations and ranges that is compatible with the national defense mission. We also work proactively to address regulatory restrictions that may inhibit military activities. As a result, our partners enhance the military's ability to carry out testing, training, and operational activities that are necessary to prepare the warfighter for real world combat.

**Preserve Natural Resources**

Our partners work across conventional boundaries to restore, enhance, and manage natural resources at the landscape scale. We are focused on bringing federal agencies, state and local governments, and private landowners together to tackle critical issues such as fire and fuels, water quantity and quality, and wildlife habitat connectivity.

**Landowner Resources**

Home > Landowner Resources

**Discover Landowner Assistance Opportunities**

Federal and state agencies offer a variety of voluntary assistance programs that help private landowners manage their land sustainably. Explore the tool below to learn how these resources may meet your current needs. You can filter the table by category, benefit type, and location. For more information about each program, use the expand button to the left of the search results.

**Search for Assistance**

**Category**

- ☐ Coastal Restoration
- ☐ Community Resilience
- ☐ Cultural and Historic Significance
- ☐ Habitat Restoration
- ☐ Recreation and Public Access
- ☐ Sustainable Agriculture
- ☐ Sustainable Forestry
- ☐ Water Conservation
- ☐ Wetland Restoration
- ☐ Other

**Benefit Type**

- ☐ Conservation Easement or Land Acquisition
- ☐ Cost-Share Payments
- ☐ Disaster Relief
- ☐ Education and Training
- ☐ Grant

**FEDERAL REGISTER**  
The Daily Journal of the United States Government


**Announcement of Federal Funding Opportunity**

A Notice by the Defense Department on 08/05/2019

**AGENCY:**  
Office of Economic Adjustment (OEA), Department of Defense.

**ACTION:**  
Federal funding opportunity announcement.

**SUMMARY:**  
As the Department of Defense (DoD) seeks to implement the National Defense Strategy by increasing our military capabilities and enhancing the lethality and readiness of our forces, it is in our Nation's best interests for states and communities around the nation to collaborate with our local installation's leadership to: Address instances where civilian activities may impair the utility of local installations; and ensure local civilian development does not negatively impact our missions, test facilities, and training ranges. In addition, local communities have the opportunity through development initiatives to enhance



*Save the Date*

**AUGUST**  
**10-13 | 2020**

**San Antonio, TX**



# Sustaining Military Readiness Conference

Restoring Readiness Through  
Planning and Partnerships

Join your colleagues to share lessons learned and best practices to  
support and enhance military readiness.

[www.smrconference.org](http://www.smrconference.org)



# **REPI** UNITED STATES DEPARTMENT OF DEFENSE READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

## **Questions & Discussion**

### **For more information:**

**Kristin Thomasgard**

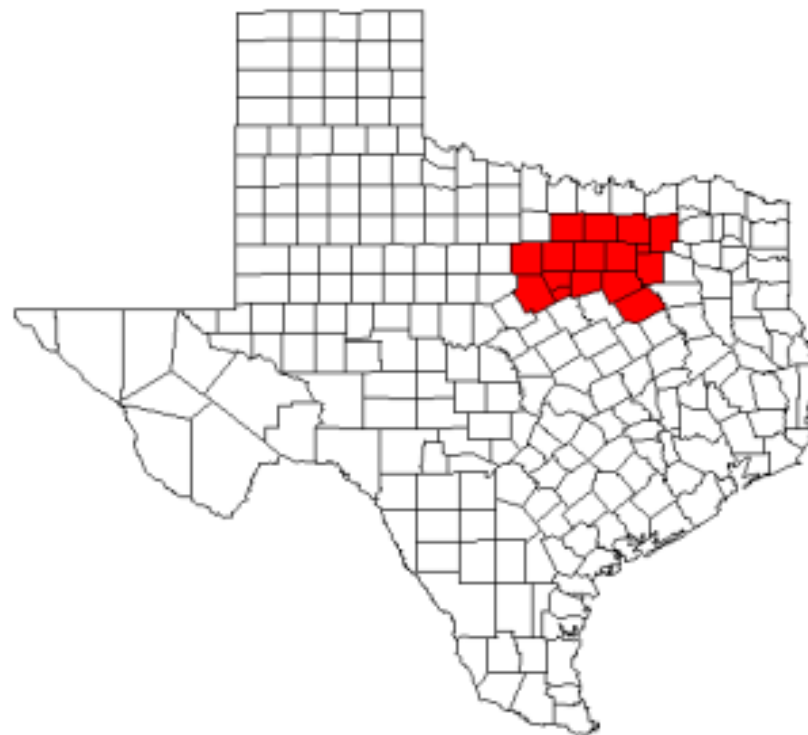
REPI Program Director

Office of the Assistant Secretary of Defense (Sustainment)

[kristin.j.thomasgard.civ@mail.mil](mailto:kristin.j.thomasgard.civ@mail.mil)

571-372-6835 (office)

## Dan Kessler, Assistant Director of Transportation, North Central Texas Council of Governments (NCTCOG)





# Military Community Planning In North Texas

NACo – DOD Webinar

January 14, 2020

Dan Kessler, North Central Texas Council of Governments

# Defense Spending in North Texas

**\$18.89 Billion**

DOD Contract Spending in  
North Texas

(Collin, Dallas, Tarrant, Hunt  
Counties)

**59% of State  
Total**

DOD Contract Spending in  
North Texas

**4 of Top 10  
Counties**

DOD Contract Spending in  
North Texas

**Tarrant  
County**

Ranked First in DOD Contract  
Spending in North Texas- \$9.2  
Billion – 39% of Total

NAS Fort Worth JRB Contributes **\$3.9 Billion** to the  
North Texas economy

# Naval Air Station Joint Reserve Base Fort Worth (NASJRB)



Recommissioned in 1994 with Closure of the Dallas Naval Air Station



Part of the U.S. Navy Installations Command Southeast Region

Home to over 40 Department of Defense Commands



Over 10,000 Reservists Train and Drill on Weekends

3,000 Full-Time Military Personnel

Troop Deployments Occur Worldwide from NASJRB



Aircraft Operate in the Brownwood/Brady MOA

Shared Runway with Lockheed Martin



# Aircraft Operations at NASJRB

Annual Flight Operations 25,000+



# Lockheed Martin Fort Worth - Air Force Plant 4



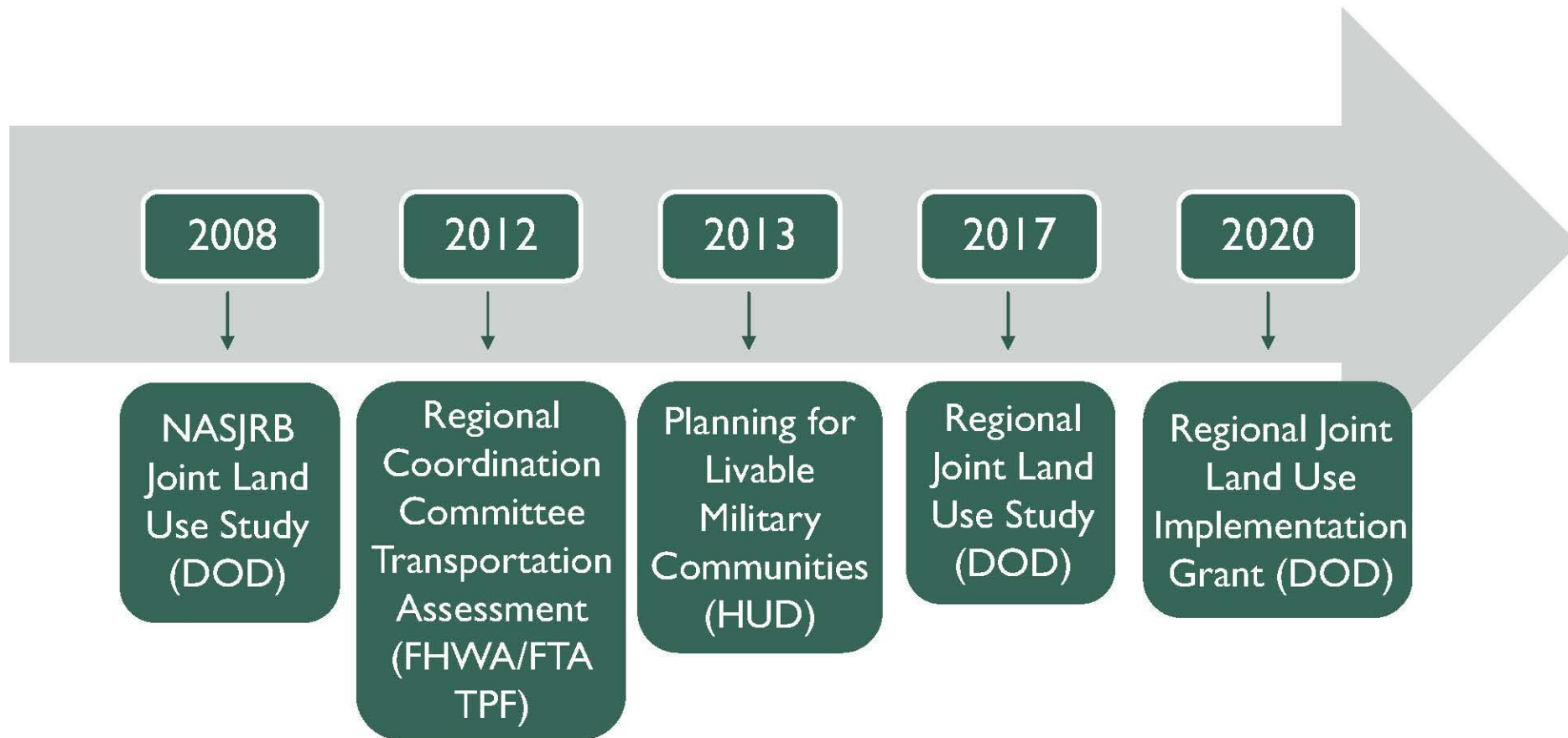
Government  
Owned  
Contractor  
Operated

Manufactured  
over 3,600  
F16 Jet  
Fighters

Employment  
Approaching 17,000

Currently  
Manufacturing the  
F35 Joint Strike  
Fighter

# NCTCOG Military/Community Planning in North Texas



# 2008 JLUS - *Defending the Sound of Freedom* (DOD-OEA)

## Status of Key Implementation Actions

Form Regional Oversight Committee	Host Community Strategies	Planning Updates	Zoning Changes	Building Regulations
Height of Structures	Light Surrounding NAS Fort Worth, JRB	Review Public-Use Facilities	Storm Water Drainage Assessment	Real Estate Advisory Service
Real Estate Disclosure	Surface Transportation Access	Development Review	Public Purchase of Land	Other Encroachment Mitigation Efforts
Updates to Noise and Safety Zones		Funding of Recommendations	<b>Dark Green = Completed</b> <b>Light Green = Efforts Started or Ongoing</b> <b>Grey = Not Started</b>	

# 2013 *Planning for Livable Military Communities* (HUD)

*Moving from Compatibility to Sustainability*

Focus on Community Vision and Regional Priorities

Economic Development/Market Analysis

Detailed Housing Assessment

Land Use Assessment

System of Pedestrian and Bicycle Improvements

Individualized Guides for Updating Comprehensive Plans

Formation of the Western Tarrant Alliance

# 2016 JLUS - *Joining Forces* (DOD-OEA)

## Key Implementation Strategies

Approximately 150 actions identified with some overlapping strategies. Desire for more coordination and strong support for military missions.

Establishing more formal channels of communication and coordination processes for all installations and surrounding communities; develop a region-wide forum.

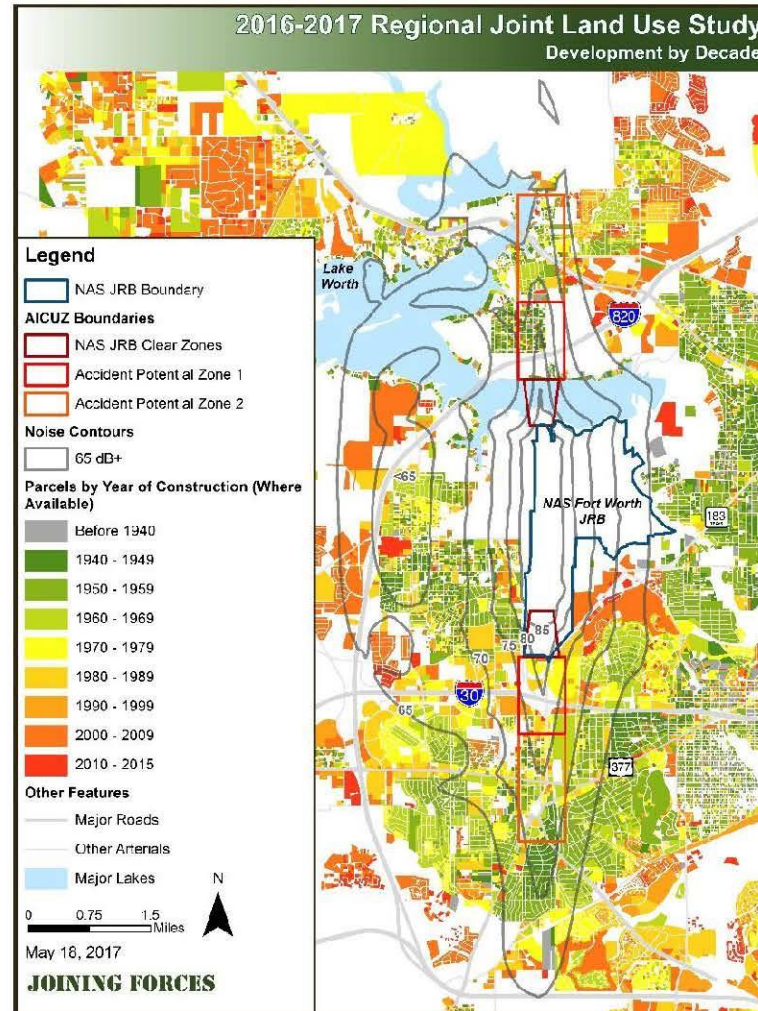
Building on the collaboration among NAS Fort Worth JRB and neighboring communities and refining existing compatibility tools.

Addressing aviation and security risks associated with unmanned aircraft systems (UAS or drones).

Addressing aviation and radar interference risks associated with incompatible utility-scale energy infrastructure siting.

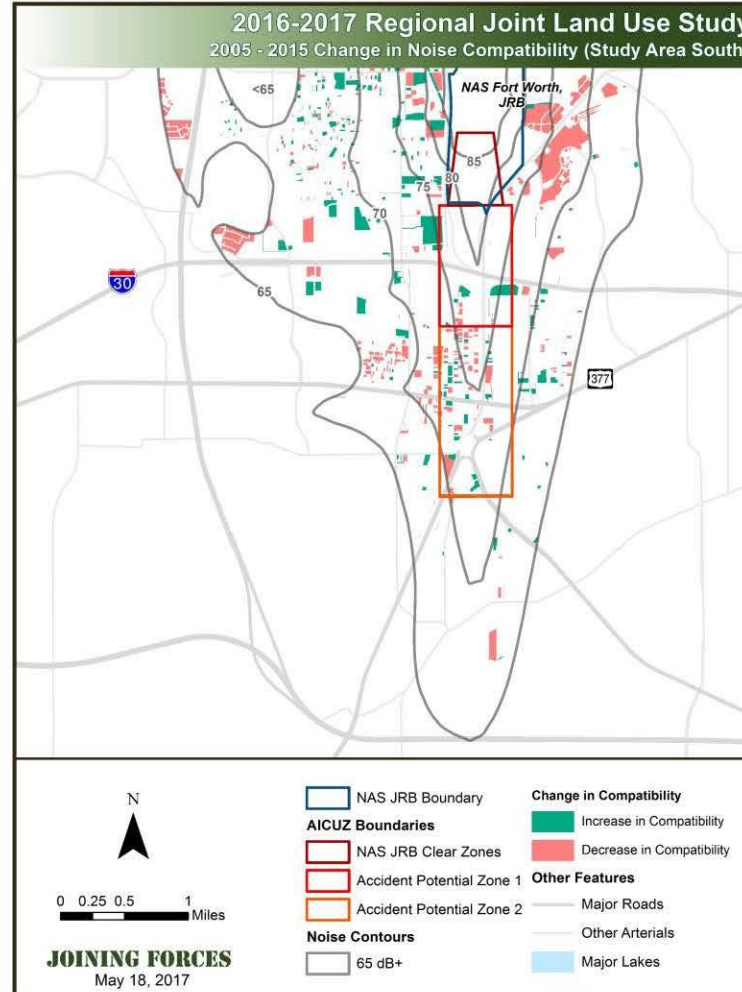
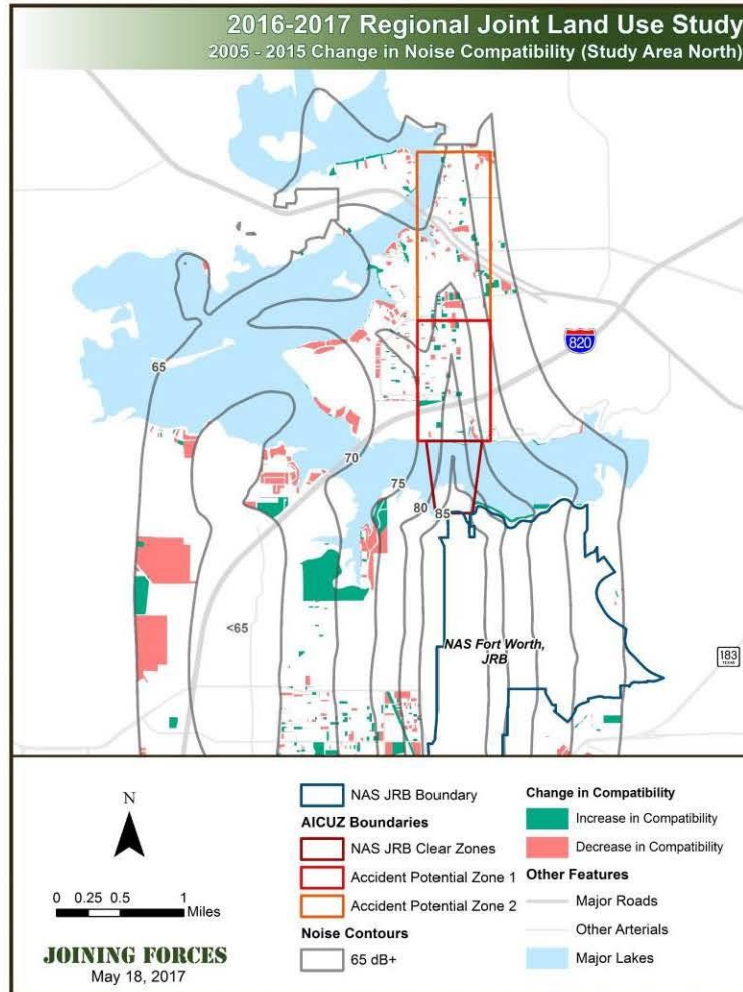
Promoting regional and statewide compatibility solutions.

# Land-Use Analysis

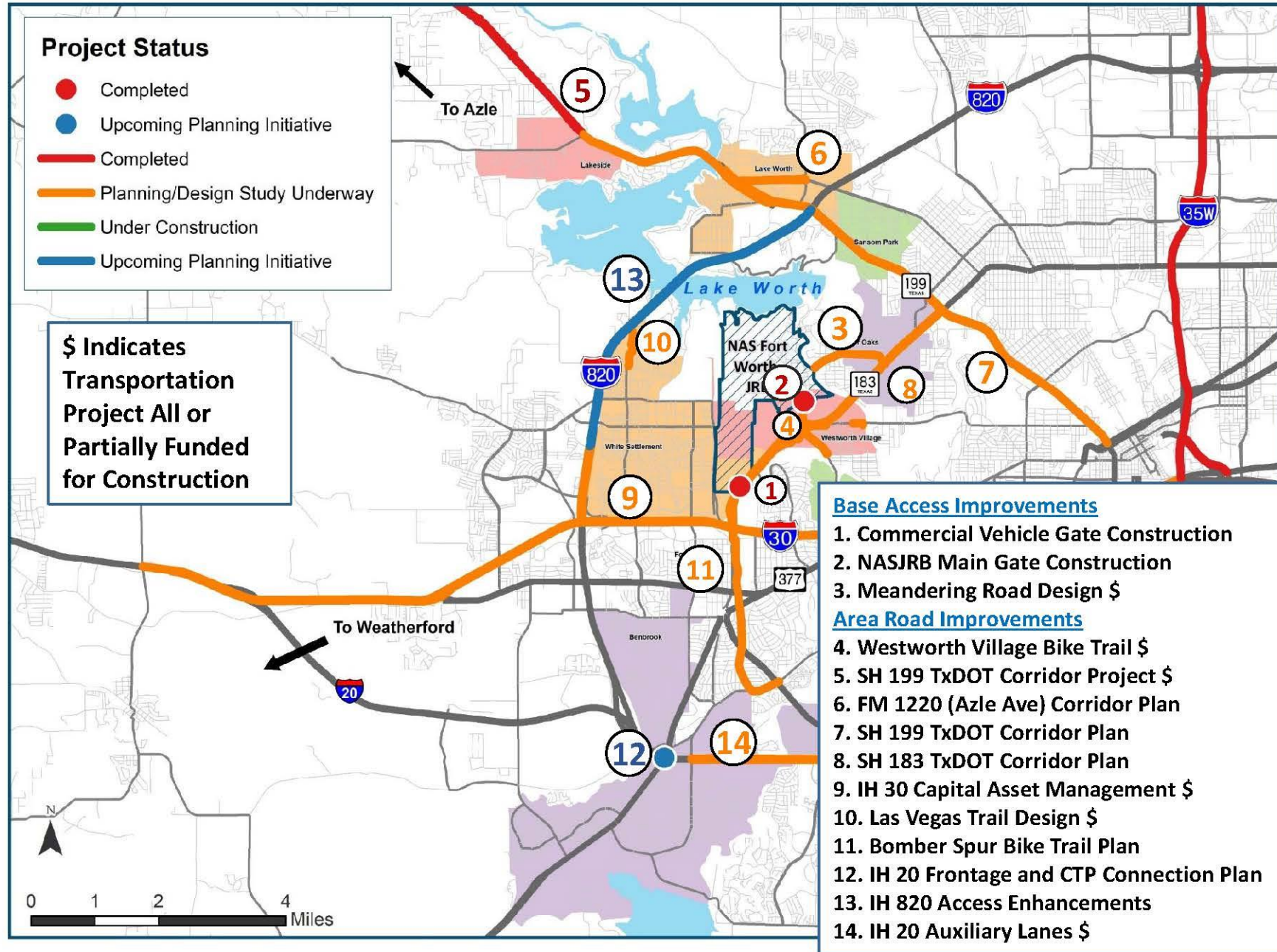


**JOINING FORCES**

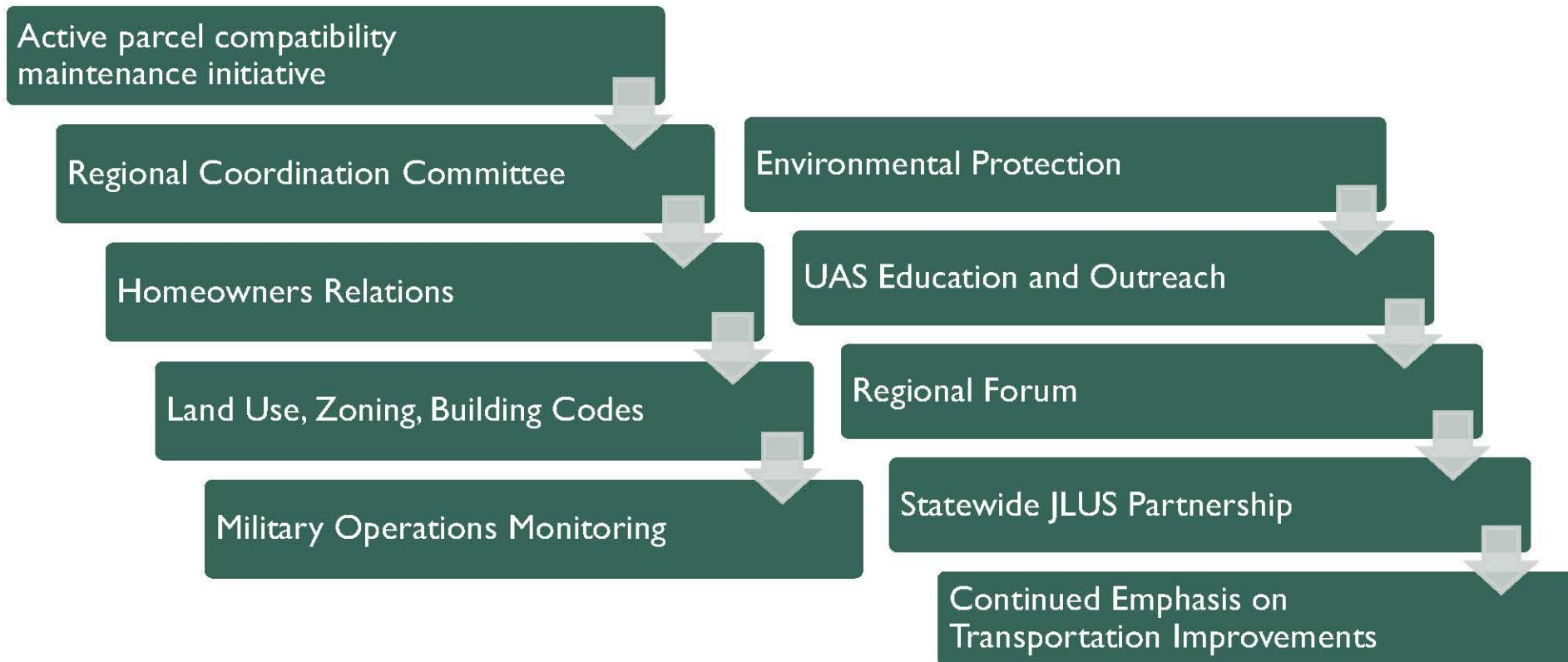
# Land-Use Analysis



## CURRENT AND FUTURE TRANSPORTATION IMPROVEMENTS IN WESTERN TARRANT COUNTY



# 2020 JLUS Implementation Grant (OED-DOD/RTC)



# Closing Thoughts

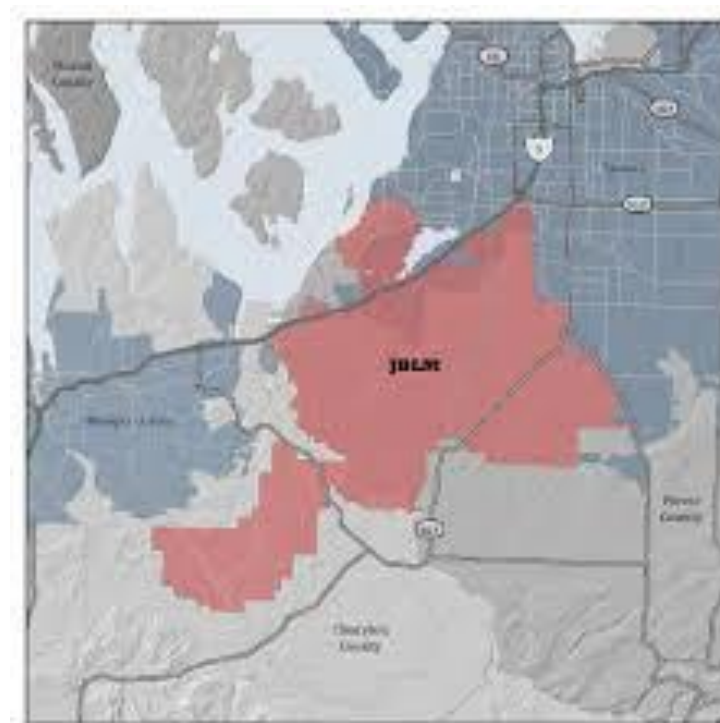
Role of NCTCOG/MPO  
Military Base Planning

Importance of  
Communication  
Among Partners

Emphasis on  
Planning and  
Funding Partnerships

Our Job as a DOD  
Subgrantee is to Be a  
Force Multiplier

## Patrick Dunn, South Sound Program Director, Center for Natural Lands Management



Joint Base Lewis McChord (in red)

# Sentinel Landscape Partnerships



Joint Base Lewis-McChord  
Sentinel Landscape



# Sentinel Landscape Partnerships

## Genesis of Sentinel Landscapes

- Recognition that REPI not enough
  - Need to broaden partnerships
  - Need to widen scope of land uses that can play a role in conservation
  - Need to leverage funds from additional sources
  - Need to avoid more Camp Pendletons
    - Military installations becoming species “lifeboats” in seas of incompatible land uses



24 January 2018



# Sentinel Landscape Partnerships

## What are Sentinel Landscapes?

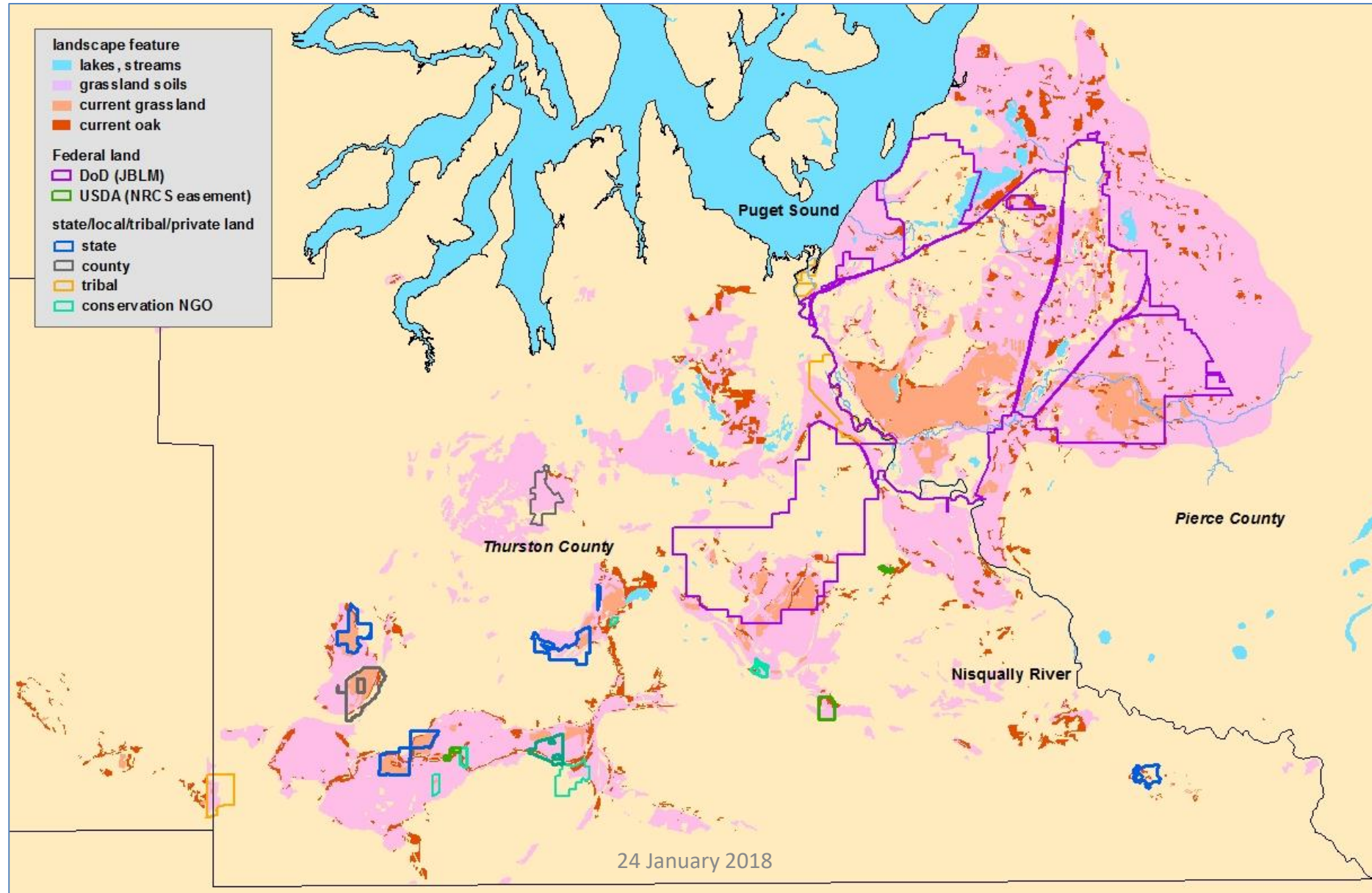
*Sentinel Landscapes are working and natural lands important to the Nation's defense mission*

Places where preserving the working and rural character of key landscapes:

- ✓ Strengthens the economies of farms, ranches, and forests
- ✓ Conserves habitat and natural resources
- ✓ Protects vital military test and training missions



# Joint Base Lewis-McChord - Sentinel Landscape Conservation



# Sentinel Landscapes Partnership

## Joint Base Lewis-McChord

**Vision:** A South Puget Sound region with sustainable military operations at Joint Base Lewis-McChord (JBLM), a vibrant agricultural economy, and effective conservation of rare species and their habitats.

**Mission:** The JBLM Sentinel Landscape brings together Federal, **State, and local governments, non-governmental organizations, and landowners** in the South Puget Sound region to collaboratively sustain JBLM's military mission, protect the agricultural economy, and conserve rare species and their habitats.



# Sentinel Landscapes Partnership

## Joint Base Lewis-McChord

### Goals

- 1) Increase military training flexibility on JBLM by creating opportunities to conserve prairies and listed species outside of JBLM.
- 2) Maintain the South Puget Sound agricultural landscape by promoting mutually beneficial projects that support local agricultural viability, sustainable community development and prairie conservation on working lands.
- 3) Protect and enhance rare species and their habitats, beyond JBLM's boundaries, to promote rare species conservation and minimize chances of further species listings within the Sentinel Landscape.



# Sentinel Landscapes Partnership

## Joint Base Lewis-McChord

### Accomplishments

- Military: JBLM ACUB a winner of 2013 REPI Challenge; two new conservation reserves acquired; added stewardship endowment to manage these in perpetuity. (Goals 1 & 3)
- Working Lands: Three new NRCS conservation easements within the Sentinel Footprint, protecting 312 acres of privately-owned agricultural land. Agreement in works to protect another 385 acres of agricultural land. (Goal 2)
- Conservation: First Taylor's checkerspot (Federally-listed) reintroduction on an ACUB site headed for successful establishment; second reintroduction begun on another ACUB site. (Goals 1 & 3)



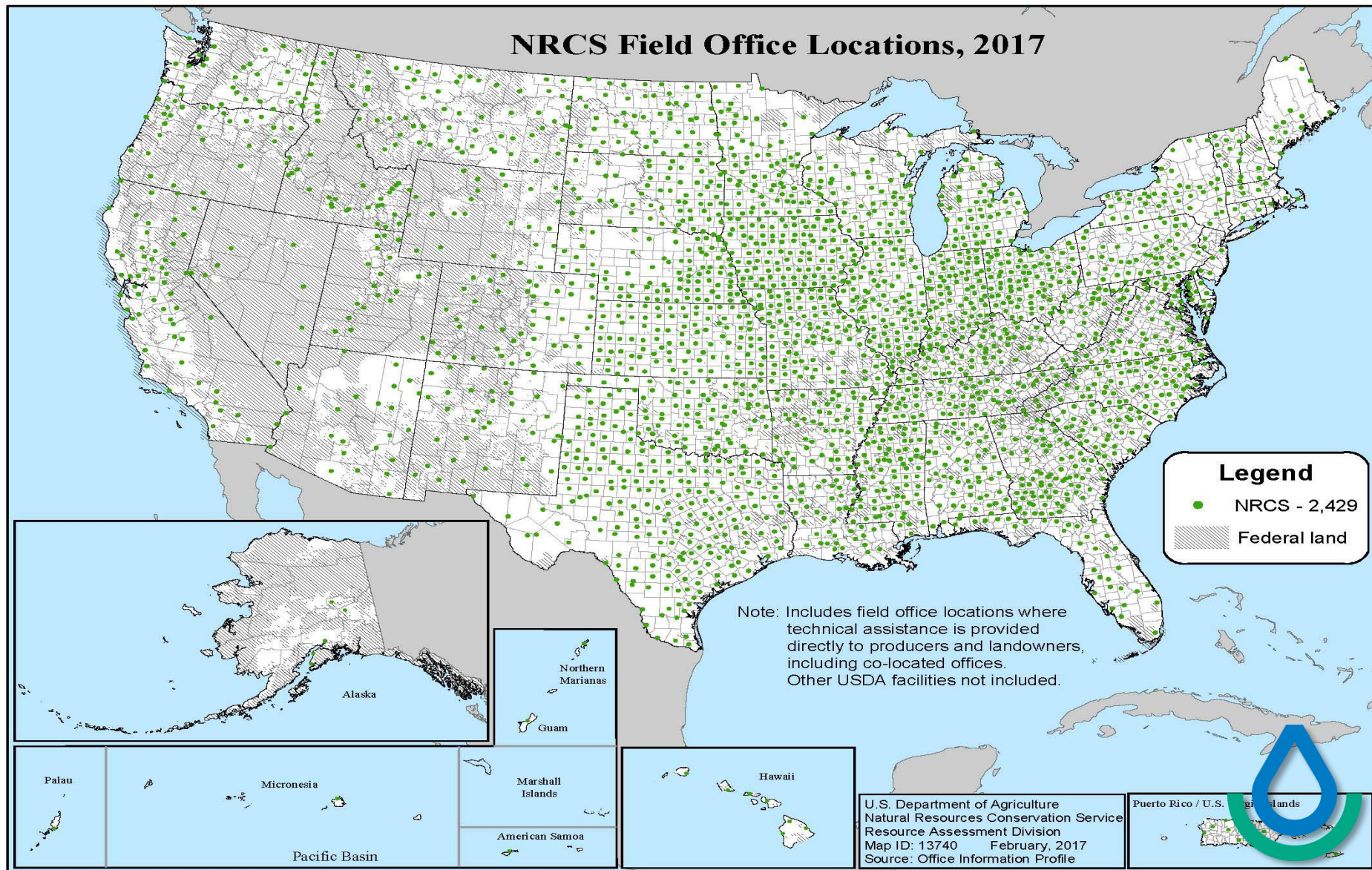
## Jimmy Bramblett, Deputy Chief of Programs, USDA Natural Resource Conservation Service



# Helping People Help the Land



# NRCS Delivery System



## Sentinel Landscapes

- The collaborative Sentinel Landscape Partnership supports efforts to promote working lands, protect wildlife habitat, and ensure military readiness at military bases across the country.
- This partnership has permanently protected over 224,000 acres of land and helped implement sustainable management practices on an additional 1.6 million acres of land within sentinel landscapes.

# EQIP

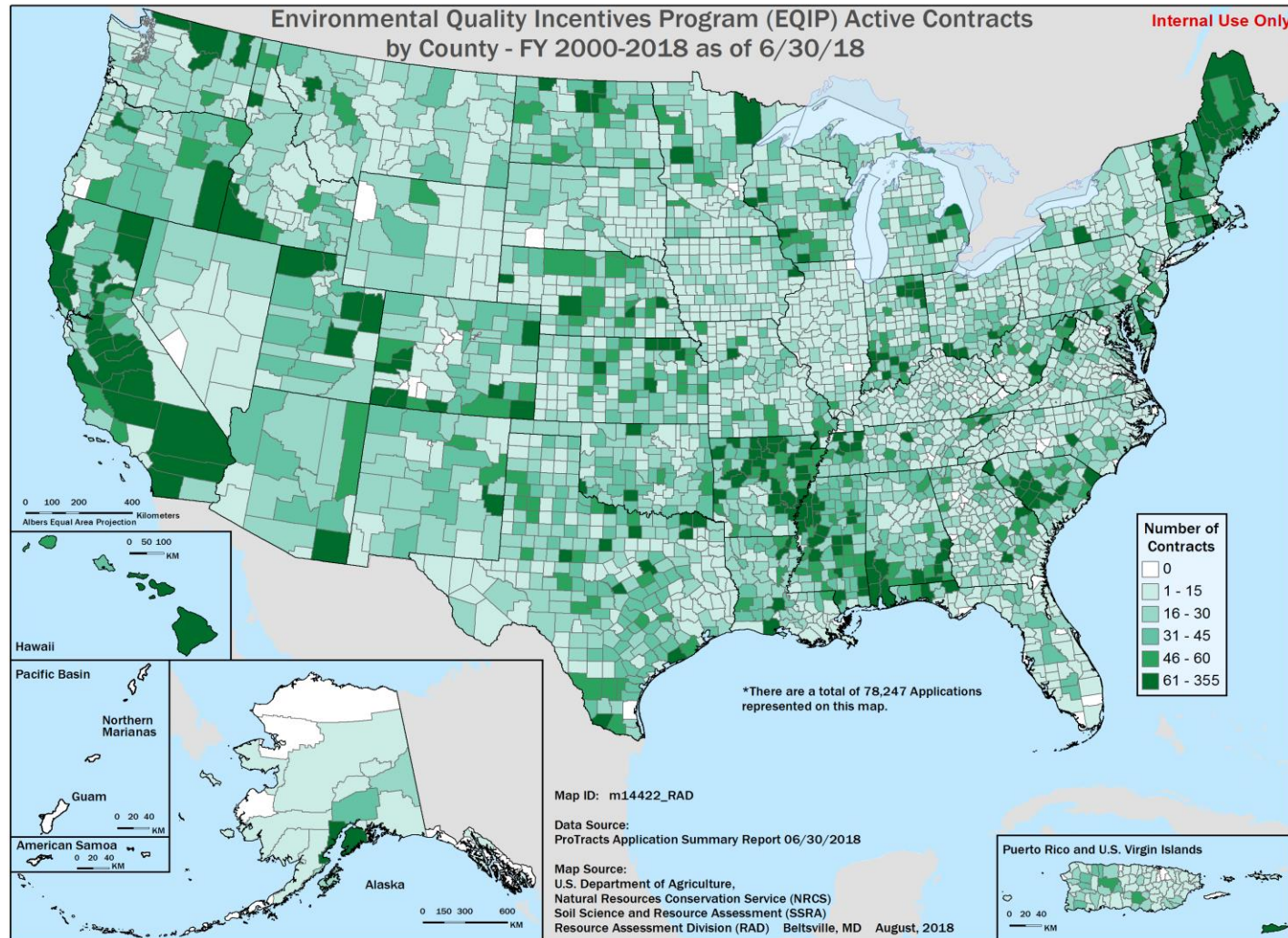
## Program Purpose



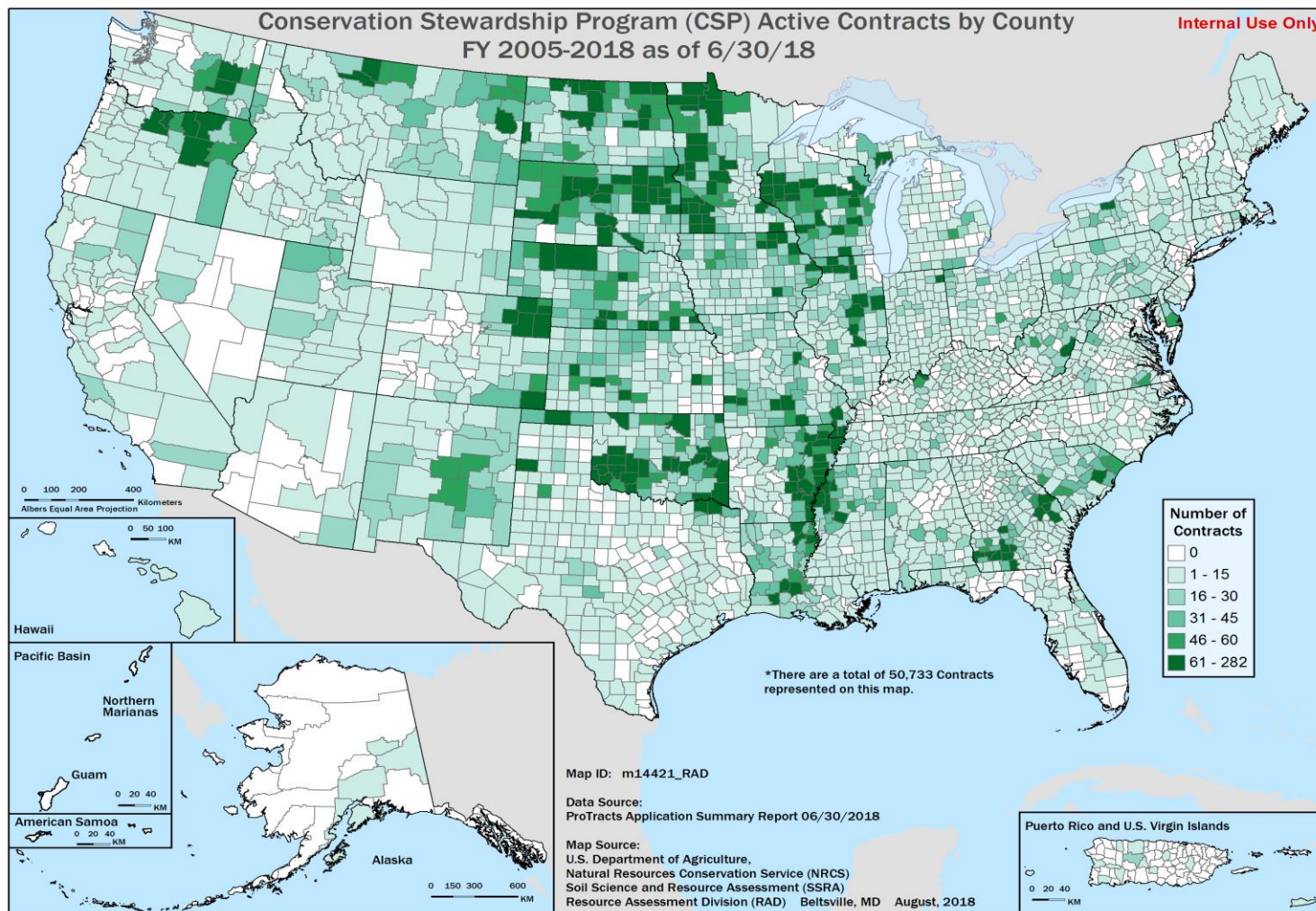
## Primary Goals:

1. Financial Assistance to address resource concern(s)
2. Almost 200 conservation practices available

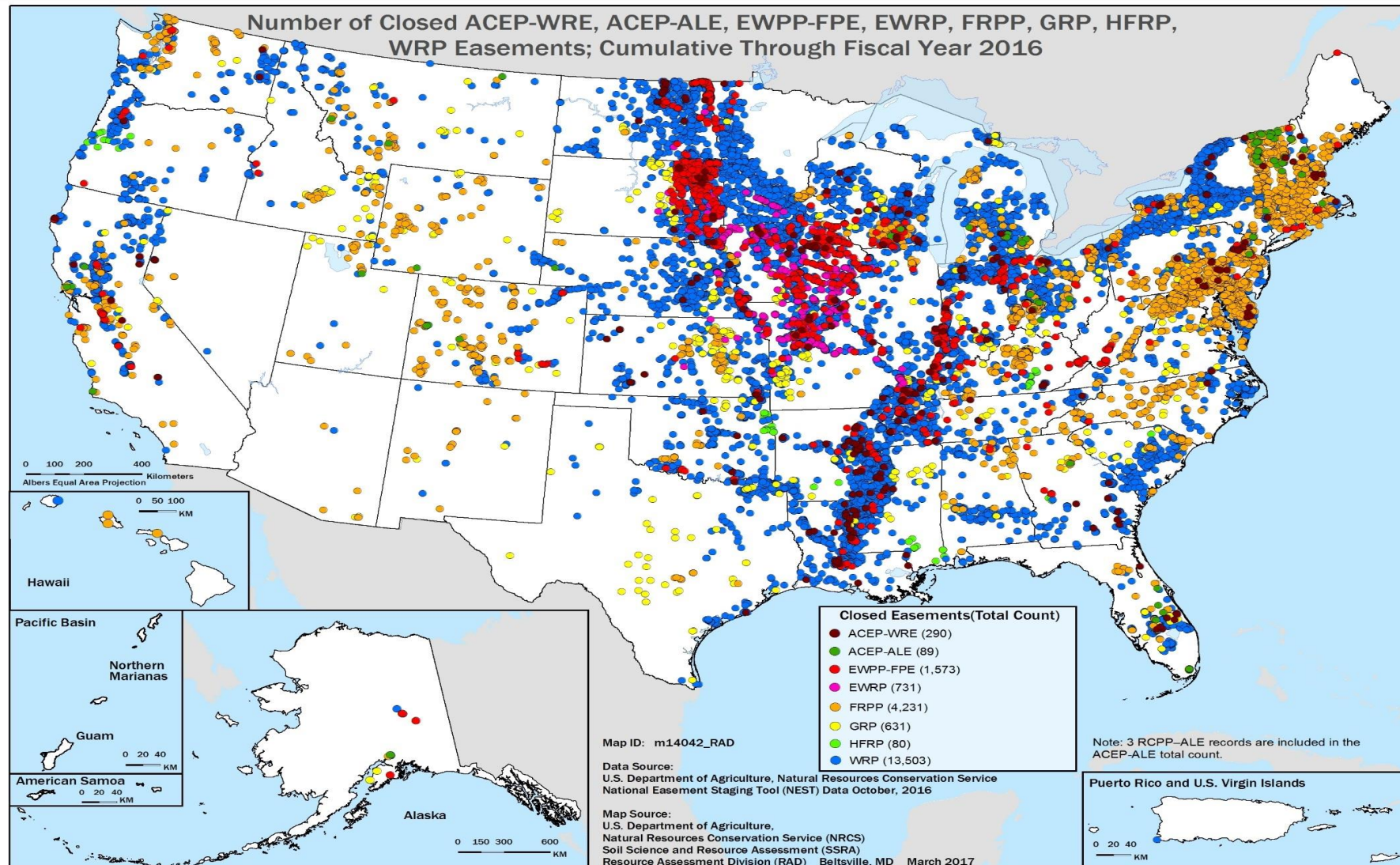
# Environmental Quality Incentives Program



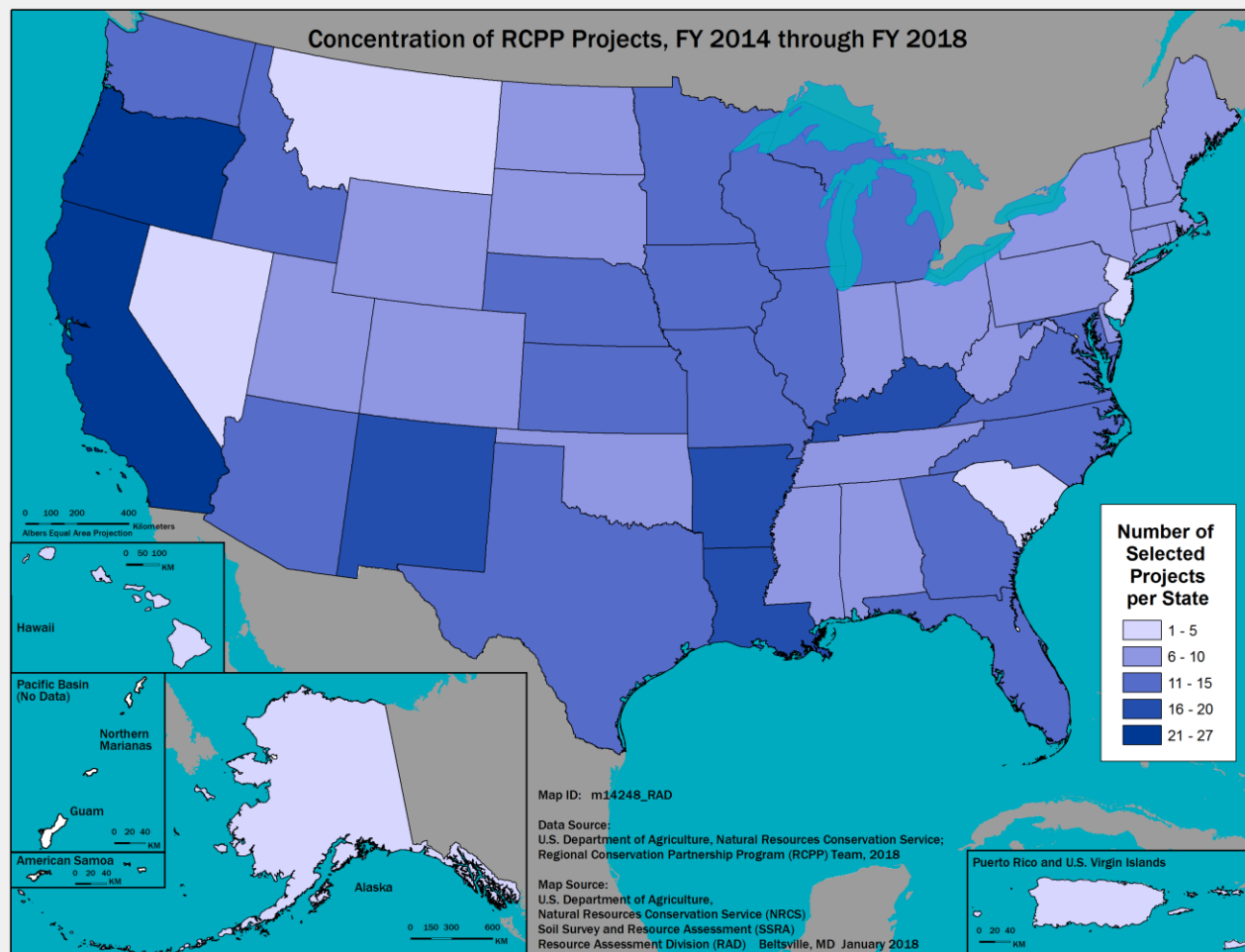
# Conservation Stewardship Program



# Agricultural Conservation Easement Program



# Regional Conservation Partnership Program



## Projects by Year

- 2014/2015: 115
- 2016: 84
- 2017: 78
- 2018: 94
- TOTAL: 371

## Partners by Year

- 2014/2015: 1142
- 2016: 749
- 2017: 752
- 2018: 870
- TOTAL: 2979

## Funding by Year

- 2014/2015:  
\$372,455,190
- 2016: \$225,278,240
- 2017: \$229,359,480
- 2018: \$221,298,400
- TOTAL:  
\$1,048,391,310

GOAL: Exceeded

# Watershed and Flood Prevention Operations

- Purpose

To provide state, local and American Indian tribal governments vital options to protect watersheds and vital infrastructure, benefiting communities in every state and territory in the nation



# Watershed Rehabilitation Program

- Purpose

Provides technical and financial assistance to rehabilitate and extend service life of dams originally constructed with assistance of NRCS Watershed Programs



# Emergency Watershed Protection Program

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## Debris Removal



**Before**



**After**



# Locally-Led Voluntarily Driven Science-Based



# Questions?