

Sentinel Landscapes

Fort Huachuca

AZ Commanders Summit

2 Sept. 2015

The Need for Sentinel Landscapes

- The military's training and test missions on many military bases are compromised by incompatible development near those bases.
- To resolve this problem, military bases encourage compatible land use surrounding their installations.
- Many USDA and DOI landowner assistance programs promote practices – farming, ranching, forestry, and conservation – that are compatible with military activities.
- When DoD, USDA and DOI programs are used in combination to promote compatible practices on lands near DoD installations, each agency's funds are leveraged to support national defense and the other program objectives.
- While this synergy is already occurring on many installations, greater overall benefits can be realized by a collective and planned effort to identify locations for aligning our separate programs to encourage mutually beneficial land management practices that further leverage State, Local, and private/NGO support..

Sentinel Landscapes

To achieve the desired outcomes, any single Sentinel Landscape should possess three fundamental components:

1. **An anchor military installation** with a military mission that benefits from compatible land uses outside of the installation's boundaries.
2. **A defined landscape** associated with the anchor installation's "mission footprint" where Federal, State, Local, and private/NGO programs can be coordinated to support conservation and landowner involvement.
3. **Actions** (recognition and monetary incentives) that promote and sustain compatible land uses that provide tangible benefits to conservation and working lands within the defined landscape.

These components MUST be identified and developed locally!
Every landscape is different...one-size won't fit all

SENTINEL LANDSCAPES

Step 1 – Identify Mission Footprint

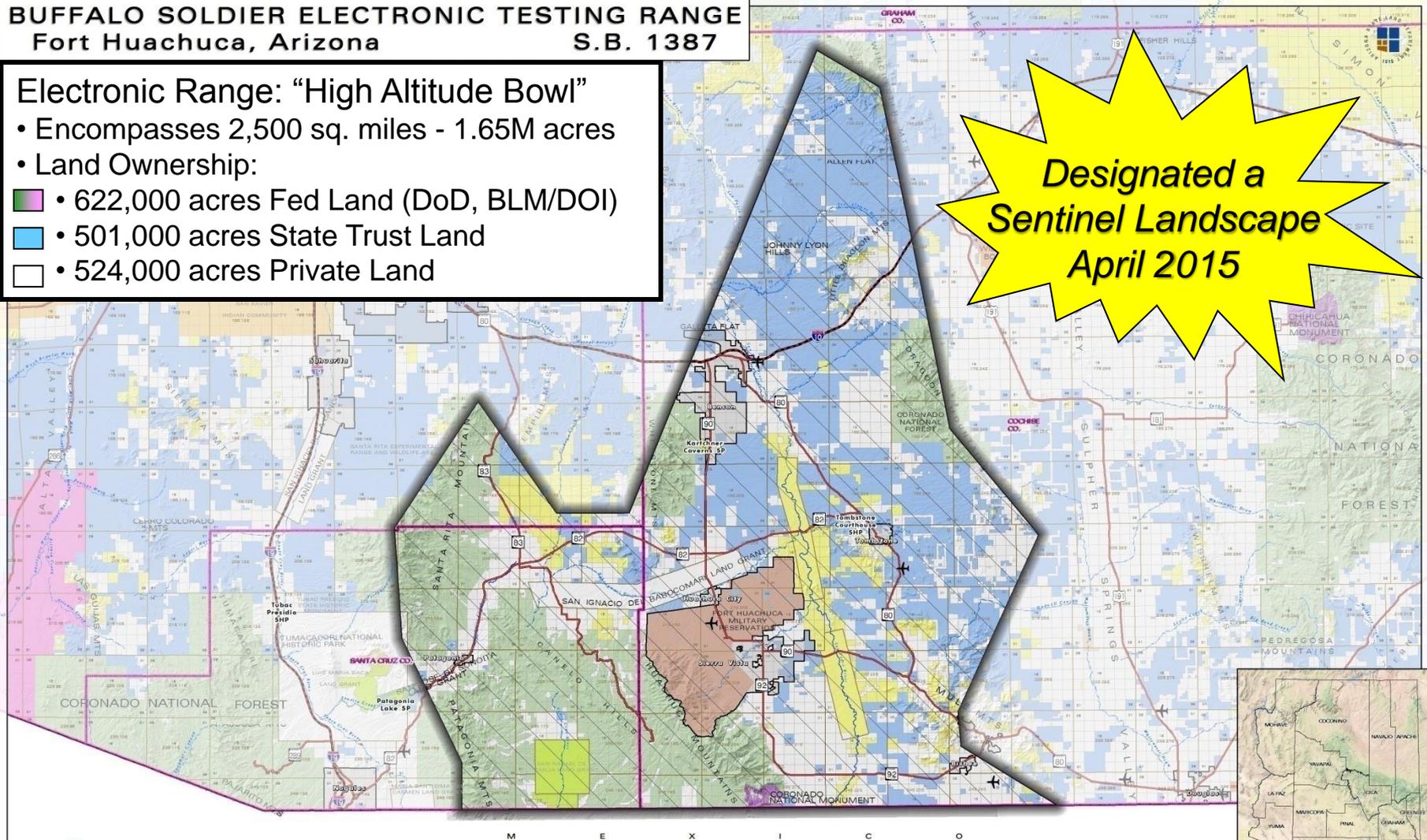


BUFFALO SOLDIER ELECTRONIC TESTING RANGE Fort Huachuca, Arizona S.B. 1387

Electronic Range: “High Altitude Bowl”

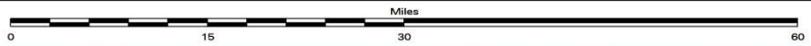
- Encompasses 2,500 sq. miles - 1.65M acres
- Land Ownership:
 - 622,000 acres Fed Land (DoD, BLM/DOI)
 - 501,000 acres State Trust Land
 - 524,000 acres Private Land

**Designated a
Sentinel Landscape
April 2015**



ARIZONA STATE LAND DEPARTMENT

ASLD makes no warranty, implied or expressed, regarding information in this map.
 Produced by Planning - J Weaver 9/26/2008.
 Map prepared with best available data to fulfill statutory provisions set for in SB 1387.
 Data Source: Electronic Testing Range data from ETR, Fort Huachuca
 Datum & Projection: North American Datum 1983 NAD83, UTM Zone 12 North - Meters



Next Steps for the Fort Huachuca Sentinel Landscape

1. Military to identify/define the Fort Huachuca mission footprint (*Identified as Buffalo Soldier Electronic Test Range*)
2. Share Fort Huachuca mission footprint with the Sentinel Landscapes Team; Identify/define shared landscape objectives and desired outcomes (*Initial meeting to be hosted by Ft. Huachuca - Oct 2015*)
3. Develop a list of programs/tools/resources available to address challenges and achieve desired outcomes

Ft. Huachuca Sentinel Landscape - DoD Lines of Effort (LOE)

- LOE 1: Develop a comprehensive large landscape conservation vision incorporating partner agency conservation programs and resources connect conserved landscapes. (% continuous acres under development restriction)
- LOE 2: Focus technical assistance, resource management, and conservation funds on lands under, or adjacent to lands, protected using REPI resources in order to link conserved lands and increase opportunities for greater DoD mission flexibility. (% deed restricted lands conserved)
- LOE 3: Develop a comprehensive methodology to capture and credit habitat and natural resource improvement across the Sentinel Landscape, in order to reduce environmental restrictions on installation training ranges. (% increase in training land available on installation)
- LOE 4: Develop MOU's/Special Use Permits with USFS and other agencies to allow for expansion of DoD missions in adjacent federal lands on a limited basis to increase mission flexibility in the R2303 and BSETR. (% expansion training lands available to DoD on as needed basis)
- LOE 5: Resolve constraints with Federal/State Trust Land swap required procedures and effect a new streamlined, transparent, and cost effective process to serve as a viable option to mitigate potential future encroachment on key lands within the Sentinel Landscape.

Benefits Resulting from Sentinel Landscapes Designation

- New tool in the tool box to better manage for compatible land use in the 622K acres of federal lands in the BSETR
 - Better coordination across agencies for land planning efforts
 - Military use consideration on level playing field with land conservation values (transmission lines, green energy, NRMP, etc.)
- Increased funding opportunities
 - REPI funding....20% dedicated to Sentinel Landscapes
 - FY 2016 \$55M REPI Budget.....\$11M for Sentinel Landscapes
 - Three Sentinel Landscapes – JB Lewis-McChord, WA....Ft. Huachuca, AZ....PAX River, MD
 - DOI/Dept of Ag conservation program funding alignment with DoD?

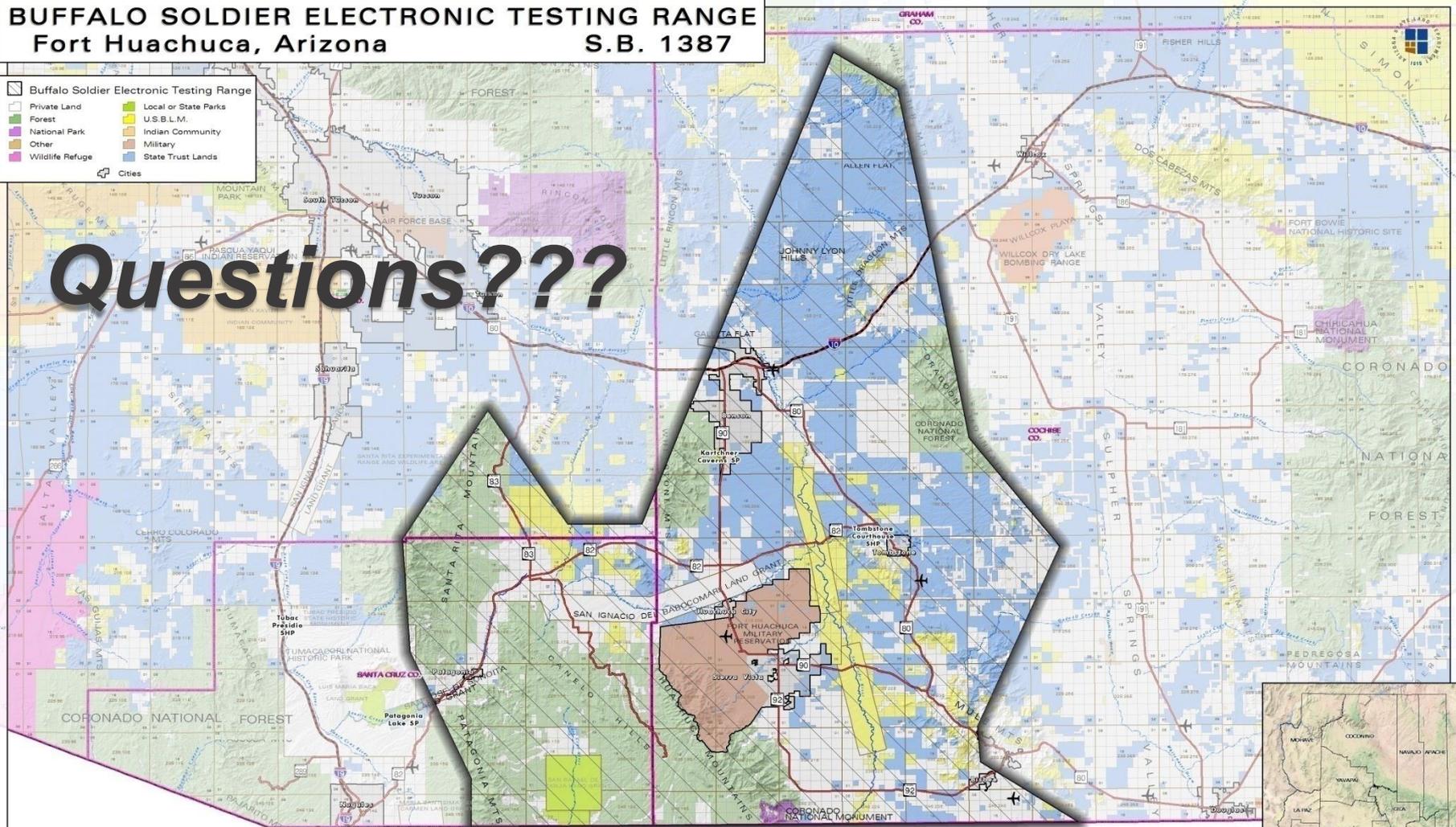
SENTINEL LANDSCAPES



BUFFALO SOLDIER ELECTRONIC TESTING RANGE Fort Huachuca, Arizona S.B. 1387

- Buffalo Soldier Electronic Testing Range
- Private Land
- Forest
- National Park
- Other
- Wildlife Refuge
- Local or State Parks
- U.S.B.L.M.
- Indian Community
- Military
- State Trust Lands
- Cities

Questions???



ARIZONA STATE LAND DEPARTMENT

ASLD makes no warranties, implied or expressed, regarding information in this map.
Produced by Planning - J Weaver 9/26/2008.
Map prepared with best available data to fulfill statutory provisions set for in SB 1387.
Data Source: Electronic Testing Range data from ETRG, Fort Huachuca
Datum & Projection: North American Datum 1983 NAD83, UTM Zone 12 North - Meters

