What do Ecosystem Services have to do with National Defense?

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Sample Military Activities at Test and Training Installations

Sustainable operations at installations and in theater

Manned and unmanned aerial operations

Amphibious, desert and mountain warfare exercises

Night vision training

Smoke obscurants, detonations and live ordnance

MOUT: Military Operations on Urban Terrain
Sample landscapes that we use for military test and training

Hawaii

Virginia

New Mexico

Georgia
Sample of the 425 threatened or endangered species who share the land we use for test and training.
Federal Landholding Agencies and Endangered Species in 2008

Military Installations, Airspace and Training Routes in Georgia
FACTS:
• DoD is large landowner with even larger operating footprint
• DoD mission is to equip and train warfighters
• Budget Control Act cut $487B from DoD budget; more cuts likely

CONCLUSIONS:
• Understanding ecosystem functions are essential for maintaining realistic test and training assets
• Valuing ecosystem services on private lands can provide additional decision space for DoD to manage for environmental regulations
• Current budget environment requires collaboration and unconventional partnerships to achieve efficiencies