

# Mitigating Impacts of Encroachment: Tools for Installations and Their Neighbors



[http://www.nga.org/center/topics/1,1188,D\\_4504,00.html](http://www.nga.org/center/topics/1,1188,D_4504,00.html)

NGA Center for Best Practices

## Sustainable Range Management Conference 7 Jan 2004

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U.S. Army Corps of Engineers

Engineering Research and Development Center



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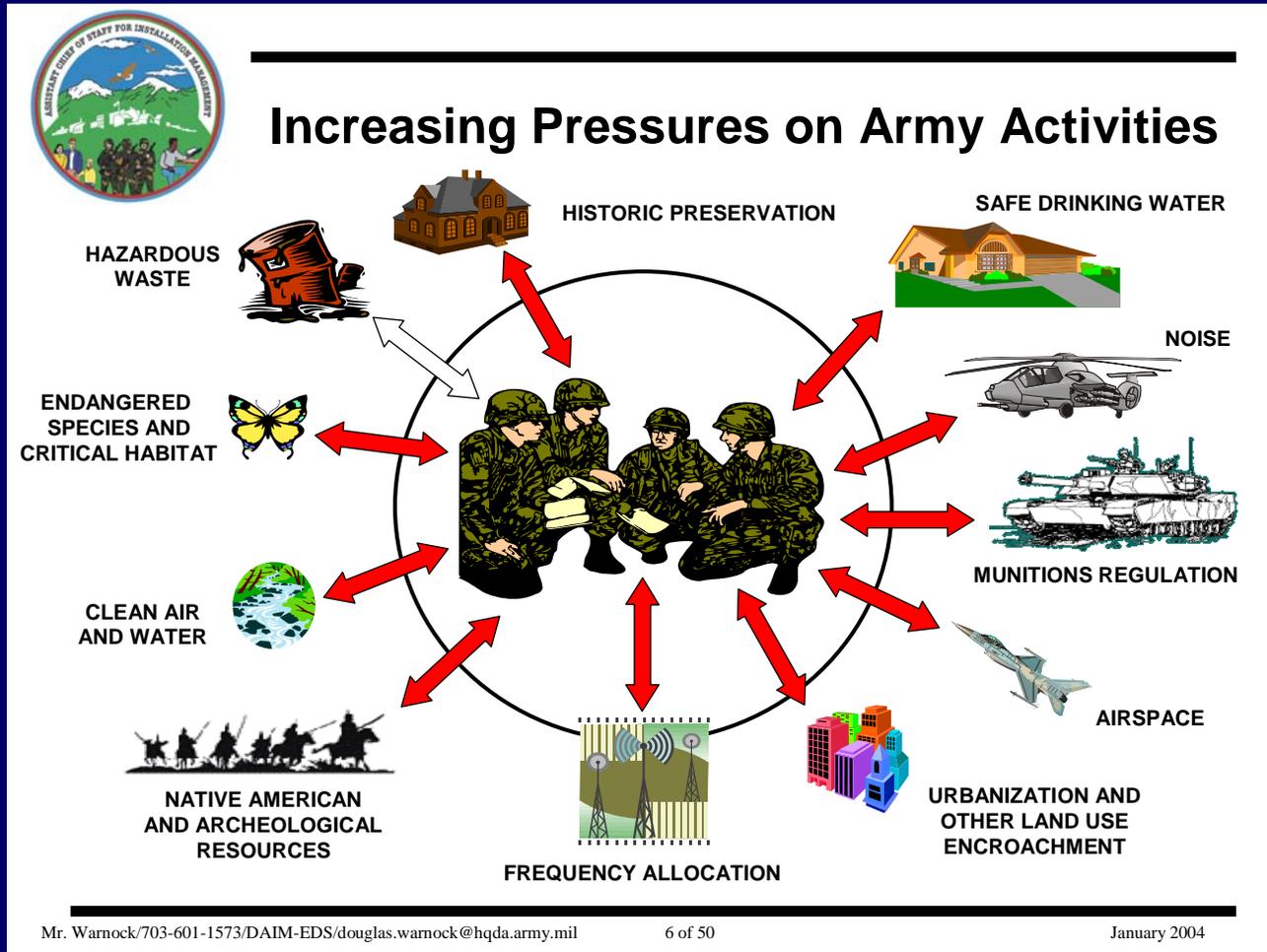
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# Outline

- **User needs**
- **Resources for data input**
- **Land Use conflict issues**
- **Mitigation Strategies**
- **PONDS**
- **Conclusions**



# A tool for sharing information about land use conflicts and mitigation strategies



# The Need for a Land Use Strategy Tool :

Overflight  
Noise Area

Area in vicinity  
of Pace NOLF  
Airfield



SANTA ROSA COUNTY, FL  
JOINT LAND USE STUDY

- **Local communities and military installations need resources for mitigating land use conflicts**
- **Large amounts of information on land use mitigation strategies**
- **No centralized information center for DoD land use studies**
- **National Governors Association (NGA) recognized the incompatibility pressures land use has put on installations**



# Resources for Case Studies and Guidelines:

## *Military:*

- National Governors Association (NGA)
- Joint Land Use Studies (JLUS)
- Military Installations

## *Non-Military*

- Other Federal Agencies (NPS, BLM, USDA ...)
- Nature Conservancy
- American Planning Association
- Smart Growth Network
- Local Communities



# Joint Land Use Studies (JLUS)



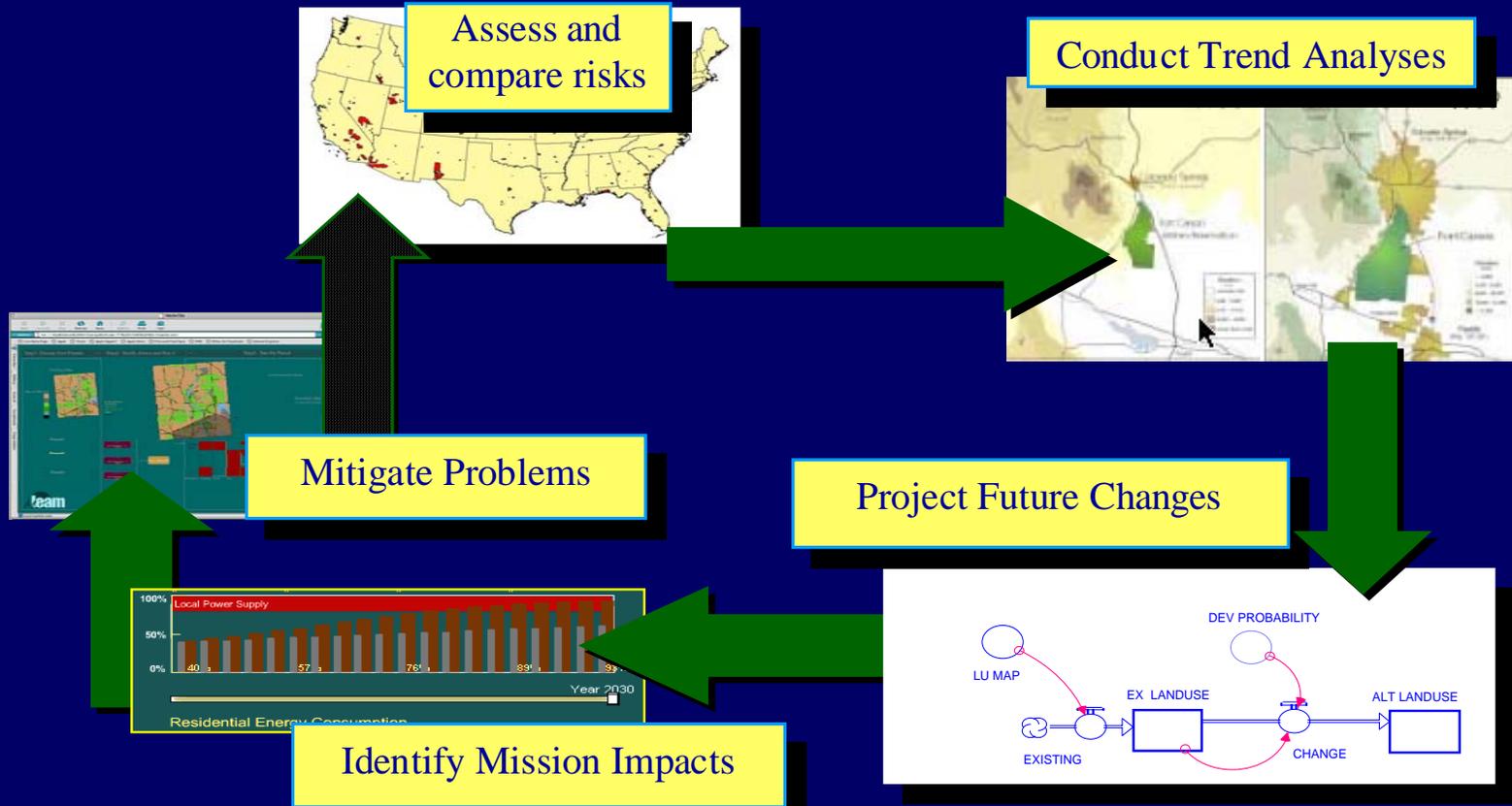
[http://oea.osd.mil/oea/eadshome.nsf/0125bc21e3f3e04385256bca0003d59e/383fa84c64da7a5e85256d390067b02a/\\$FILE/Jlus03.pdf](http://oea.osd.mil/oea/eadshome.nsf/0125bc21e3f3e04385256bca0003d59e/383fa84c64da7a5e85256d390067b02a/$FILE/Jlus03.pdf)



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# Sustainability, Encroachment and Room to Maneuver (SERM)



# Encroachment and Military Installations

- External pressures impacting the military services' ability to maintain force readiness.
- Encroachment is defined by Defense Senior Readiness Oversight Council as:

“Any outside activity, law, or pressure that affects the ability of military forces to train to doctrinal standards or to perform the mission assigned to the installation”



# Land Use Conflict Issues

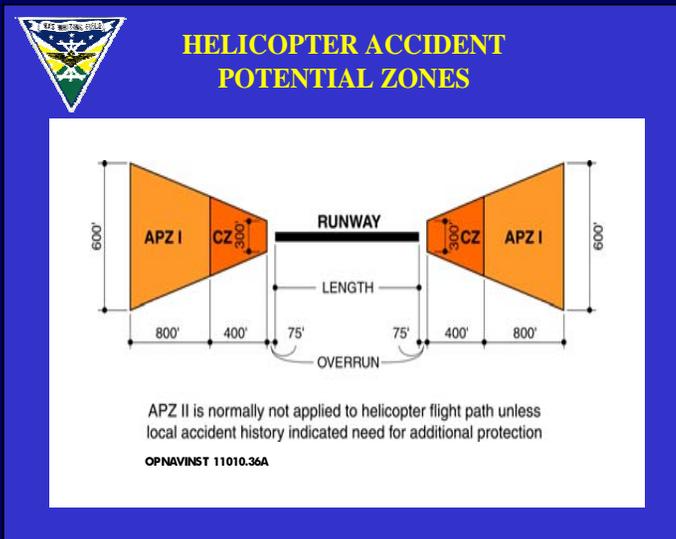
- Urban development near training areas
- Threatened and endangered species
- Dust, smokes, and obscurants
- Radio and television frequency
- Air space for airfield operation
- Blast and small arms noise
- Community interaction
- City and aircraft lights



Las Vegas Review-Journal  
[http://www.reviewjournal.com/lvrj\\_home/2003/Apr-03-Thu-2003/news/21028450.html](http://www.reviewjournal.com/lvrj_home/2003/Apr-03-Thu-2003/news/21028450.html)



# Mitigation Strategies



SANTA ROSA COUNTY, FL  
JOINT LAND USE STUDY

- Comprehensive regional planning
- Land acquisition (to increase buffer areas and ensure sustained use)
- Collaborative development of parks, wildlife areas, forests, and community-enhancing features
- Altered location of highways and utilities
- Appropriate Zoning
- Building code amendments
- Conservation easements
- Changes or constraints of property right ownerships



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## ***Proactive Options with Neighbors for Defense Installation Sustainability***

**<http://ff.cecer.army.mil/ponds/home.asp>**



- **Legislative actions**
- **Relevant national, regional and local data sources**
- **Case studies**
- **Lessons learned from partnering actions**
- **Mitigation guidance**



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## *Proactive Options with Neighbors for Defense installation Sustainability*

### ***Approach:***

- **Coordinate an Expert Review Team**
- **Collect, analyze and synthesize case studies**
- **Develop data base and build web page**
- **Expert review**
- **Maintain and update web page and database**

### ***Schedule:***

- **Web Page and data base: Spring 2004**
- **Mitigation Strategies and Guidelines: Fall 2004**



ponds - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://ff.cecer.army.mil/ponds/home.htm> Go

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**Proactive Options with Neighbors for Defense-installation Sustainability**

[Search Database](#)   [Requirements](#)   [Land Use Initiatives](#)   [Organizations & Agencies](#)



The purpose of PONDS (Proactive Options with Neighbors for Defense-installation Sustainability) is to provide military installations and neighboring communities with a central information source for better understanding land use conflicts to avoid constraints to the mission and disruption to local communities. The web-based tool and database contains information on urban land use issues such as encroachment, water conservation, threatened and endangered species, and noise.

This site is an information sharing hub for DoD installations and neighboring communities who are seeking proven solutions for resolving land use conflicts. A searchable database allows users to find relevant case studies and articles related to land conflict resolutions and land mitigation strategies within and outside of DoD installations. The database contains case studies and examples from military installations, federal agencies, the private sector, and non-profit organizations as well as guidelines for mitigating land use situations.

WE NEED YOUR HELP! If you are aware of any case studies, guidelines or works in progress relating to land use conflicts and mitigation strategies we want to hear from you! The success of this database depends on the amount and quality of the material that's put into it. Please keep us abreast of the of your land use strategies.

[Click here to suggest a record to the database.](#)  
[Click here to provide a general comment or suggestion.](#)  
[Click here to send in website reviewer's comments.](#)

[PONDS Tech Note](#)

[PONDS Briefing \(Powerpoint\)](#)

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<http://ff.cecer.army.mil/ponds/home.asp>

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Proactive Options with Neighbors for Defense-installation Sustainability

[Case Studies & Guidelines](#)

[Requirements](#)

[Land Use Initiatives](#)

[Organizations & Agencies](#)

## Search Case Studies Database

For best results choose a criterion for only one or two of the fields at one time leaving the remaining categories as the default "All". Narrowing the search too much may produce a "no records found" result. Click the Help button for more help.

Military :  All  Military  Non-Military

Region:  State:

Select from pick list or click map to select region



Study Type:

Topic:



For best results choose a criterion for only one or two of the fields at one time leaving the remaining categories as the default "All". Narrowing the search too much may produce a "no records found" result. Click the Help button for more help.

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Study Type:

Topic:

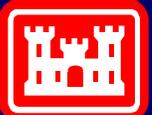
Stakeholder:

Mitigation:

Article Title   
(or keywords):



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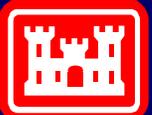
Stakeholder:

Mitigation:

Article Title (or keywords):




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All    Military    Non-Military

Region:    State:

Select from pick list or click map to select region



Study Type:

Topic:

Stakeholder:

Mitigation: 

- Conservation easements (4)
- Revise local comprehensive plans (6)
- Zoning (6)
- Amend building codes (1)
- Regional cooperative partnerships (7)
- Land acquisition (3)
- Purchase development rights (2)
- Revised community design standards (8)
- Financial incentives (4)
- Policy changes (8)
- Joint Land Use Study (1)

Article Title (or keywords)

Author :



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Proactive Options with Neighbors for Defense-installation Sustainability

Case Studies & Guidelines Requirements Land Use Initiatives Organizations & Agencies

## Search Case Studies Database

Select Record

Article Titles:

- [New Research on Population, Suburban Sprawl, and Smart Growth](#)
- [Getting to Smart Growth: 100 Policies for Implementation](#)
- [Measuring Sprawl and It's Impact](#)
- [Market-Based Policies for Reducing Sprawl: A Critical Overview](#)
- [Land Use Conflict: When City and Country Clash](#)
- [Where Do We Grow From Here? New Mission for Brownfields: Attacking Sprawl By Revitalizing Older Communities](#)
- [Who Sprawls Most? How Growth Patterns Differ Across the U.S.](#)
- [New Community Design to the Rescue: Fulfilling Another American Dream](#)
- [Planning for Smart Growth](#)
- [Military Installations Pressured by Sprawl](#)
- [State Strategies to Address Encroachment at Military Installations](#)

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Searched on "Guidelines" and Topic = "Sprawl"

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Proactive Options with Neighbors for Defense-installation Sustainability

[Case Studies & Guidelines](#)

[Requirements](#)

[Land Use Initiatives](#)

[Organizations & Agencies](#)

## Input Case Studies Database

Article Title:

Author :

Reference :

URL :

Article Date (yyyy-mm-dd) :

Article Summary :

Military :  All  Military  Non-Military



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# Conclusions

- Website will provide an **information sharing hub** for DoD installations and neighboring communities seeking effective solutions to resolve land us conflicts
- **We need your help!**
  - case studies and ideas to share (successful and unsuccessful)
  - effective mitigation strategies and lessons learned

<http://ff.cecer.army.mil/ponds/home.asp>



# Points of Contacts

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**Engineering Research and Development Center  
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Phone 1-800-USA-CERL.**



# Interaction with GAO

- GAO recently issued a report on cooperative management titled: *"Implementation Strategy Needed to Increase Interagency Management for Endangered Species Affecting Training Areas."*
- GAO recommended that the Secretaries of Defense, the Interior, and Agriculture "develop and implement an interagency strategy, a comprehensive training program, and a centralized data source for cooperative management efforts."
- PONDS could meet one of GAO's specific report recommendations, to have the "Secretaries of Defense, the Interior and Agriculture jointly create a centralized information source on cooperative management efforts that includes elements such as lessons learned, best practices, and agency contacts for federal land managers."



# Agencies Partnership

GAO identified several groups that could facilitate or coordinate this effort:

- DOD's Endangered Species Round Table:
- The roundtable is an informal group chaired by a representative from the Fish & Wildlife Service and includes representatives from the National Marine Fish Service, DOD, Defense Logistics Agency, US Geological Survey, and the other military services.
- The purpose of the roundtable is to communicate information to and among the members to resolve DOD-related issues and encourage outreach efforts.



# Agencies Partnership

- Interagency Military Land Use Coordination Committee (IMLUCC):
- The IMLUCC was formed to enhance dialogue on land use issues of mutual interest to the Departments of Defense, Interior, Agriculture, Energy, and Transportation; and GSA.
- The mission of the committee is to facilitate cooperation and communication at the policy level. IMLUCC membership is at the deputy undersecretary level within the Departments of Defense and Agriculture and at the assistant secretary level within Interior.

