



# Encroachment:

## Redefining the fence line

International Workshop on Environment and Alternative Energy

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# Agenda

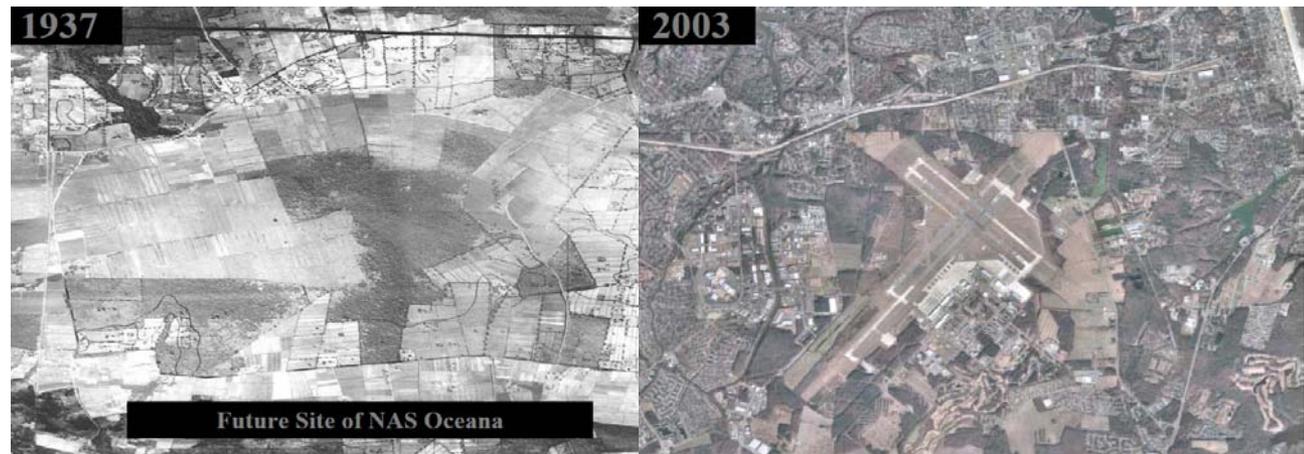


- Importance
- The traditional sense
- How has it changed—New paradigm
- What does it take
- The framework/mind set
- How we get there/what we do
  - Process
  - People/Players
  - Programs
  - Vigilance
- OBTW—Navy definition does not include “blue on blue”

# The impact



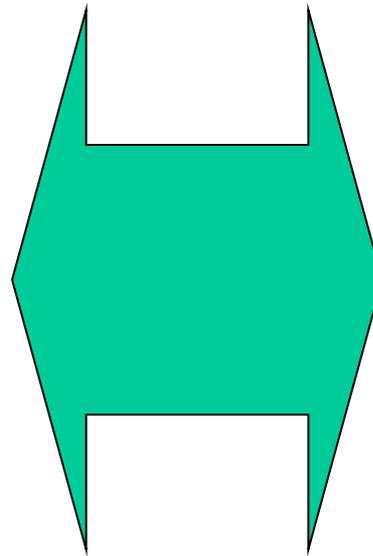
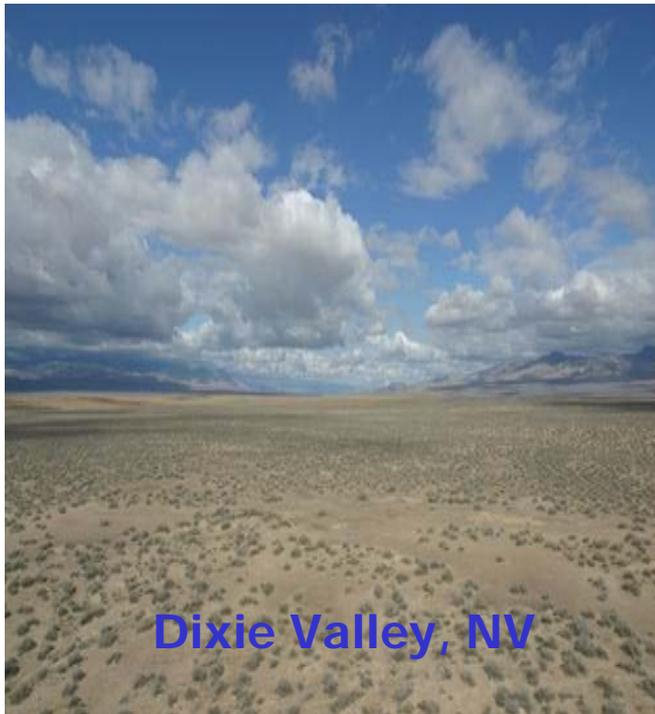
- Last new naval air station constructed in 1961 (Lemoore)
- No new air-to-ground ranges, in fact lost one.
- Space (terrestrial and usable outer) is finite, billions invested
- Many examples
  - Vieques
  - Oceana
  - Whales
  - Energy



# What's at stake



“Train like we fight, fight like we train”



# Fallon Range Training Complex



# A traditional perspective



- Development
- Housing
- Us/Them
- Clear boundary—good fences=good neighbors
- Federal vs. State/local

# The New Paradigm



- Economic dependency/partnerships
- Frequency spectrum/Fed-on-Fed (wireless)
- Environmental Issues (endangered species)
- Energy/natural resources (wind/water)
- Manmade stuff/junk (SHPO, space junk)
- Noise and light
- Nowhere else to go (interconnected/overlap)

# What does it take?



- Collaboration/Cooperation
- Long range planning
- Communications
- Easements/Restrictions
- Multiple layers of involvement
- Public/Private
- Multi-agency
- White space management
- Consolidated overlay/tracking (MCAT)
- Futures planning

# The framework/mind set



- Co-existence—still, no two things can physically occupy the same space at the same time
- Achieve mutual stakeholder goals and objectives: win-win
- Make communities our biggest supporters/advocates
- Be the example of environmental stewardship
- Compromise is not a bad word—use sparingly

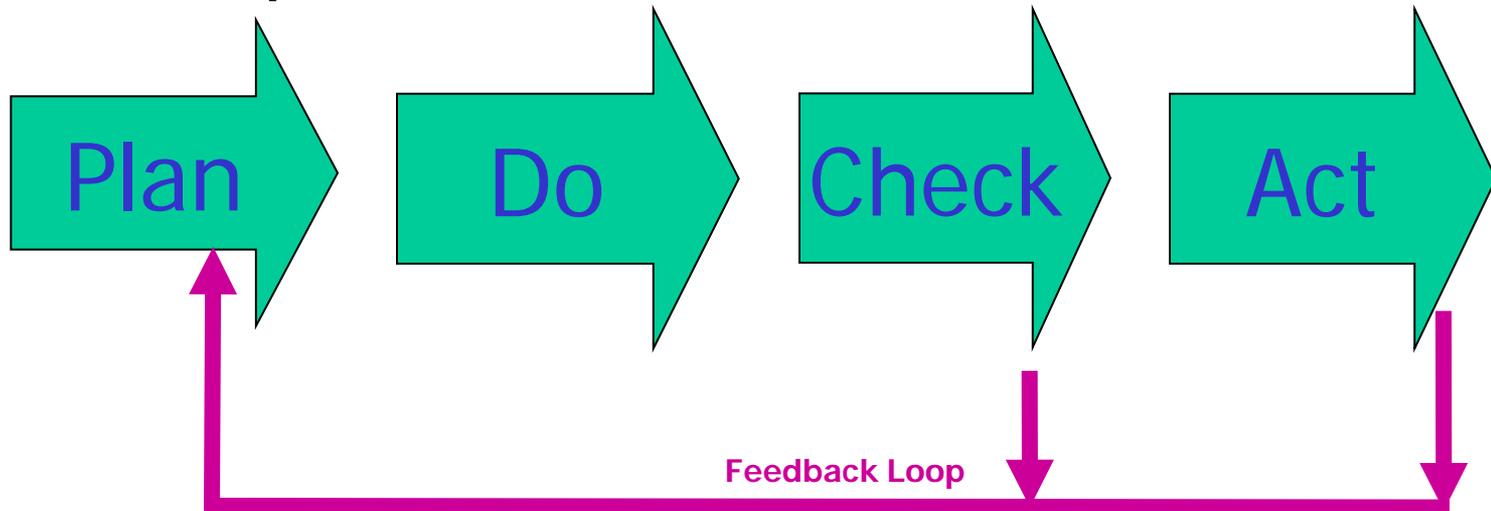
# How we get there/what we do



- Proactive involvement with local gov
- Community outreach—promote compatible development
- Participation/cooperation with regulators (NDEP/NDOW)
- Regional coordination/groups (WRP/REC 9)
- Dedicated resources (REPI funds, CPLO program)
- Outreach, Outreach, Outreach

# The Process

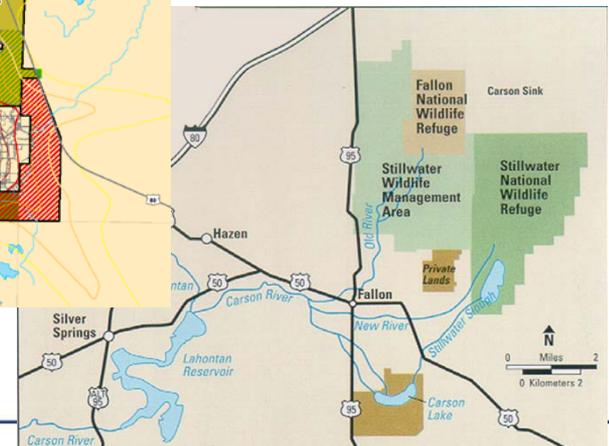
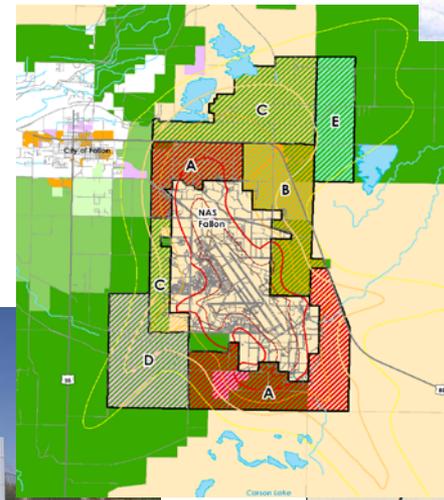
- Plan, do, check, act, repeat
- Collaborative
- Future vision key—know where you are going (or you are going nowhere)
- Open as possible



# The Players



- Operators identify requirements (vision), shore team supports
- All have a stake, all must play
  - Operators
  - Local Community
  - Facility Providers
  - Regulators
  - Industry



# The Programs



- Navy programs/plans
  - Operational Assurance Forum
  - Economic Impact Assessment
  - Joint Land Use Study
  - Encroachment Action Plan  
(Installation and Range)
  - Encroachment Management Team
  - RAICUZ/AICUZ

# Take Aways



- Encroachment is colorless, odorless, and tasteless—if you don't pursue it, you will be overtaken by it, then it's too late
- Operational requirements, community requirements and facility and regulatory constraints must be recognized to achieve success
- "Operational Assurance" is a reoccurring process—people, missions, weapons, and laws change
- A formal framework will help ensure detection and provide the consistency and stability necessary to manage change and avoid encroachment
- Failure is not an option—must have room to maneuver in order to operate (train) as we fight