

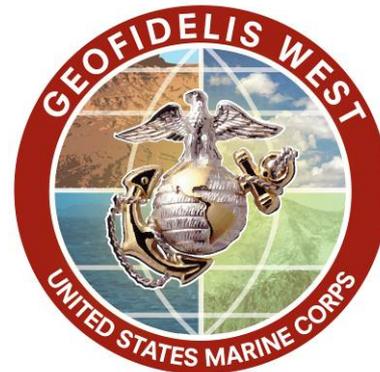
# Technical Considerations Mojave Sustainability GIS WG

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# Overview

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- Decision Steps
- Network Considerations
- Sample Data Requirements
- Potential Hosting Organizations

# Web Map Decision Steps

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1. Define Audience
2. Determine Required GIS Layer(s)
3. Define Map Services (themes & cartography)
4. Define Web-based Geo-processing Requirements
  - Buffer, Intersections, Use Conflicts/Site Analysis, etc.
5. Define Access Requirements (internal / external)
6. Determine Parent Organization for WG
- 7. Determine Information/Data Exchange Method**
- 8. Obtain Command Approval for Data Exchange**
9. Determine Data Standards
10. Determine Hosting Site and Technology Platform
11. Determine Quality Control Procedures
12. Determine New Project/Issue Vetting Procedures

# Network Considerations

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- Data Exchange Method?
  - Web map services preferred
  - Secure FTP
  - DoD email
  - Physical
  
- Data Hosting?
  - .mil typically required CAC
  - Commercial / non-DoD site hosting
    - DMG
    - WRP
    - OSD
    - Other

# Required Installation Layers

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- External Areas of Interest
  - Category (of interest)
  - Elevation (min & max)
  - POC (Metadata)
  - Release ability (Metadata)
- Internal Areas of Potential Alternative Use
  - (Same as above)

# Useful External Layers

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- Current Land/Air Use
- Proposed Land/Air Use
- Potential Land/Air Use
- Habitat
- Utilities



# Potential Host Organizations

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## ➤ DMG

- Existing infrastructure
- Same area of interest
- Focused group
- Overlapping membership
- Establish as DoD subcommittee
- Utilize until WRP come on-line

## ➤ WRP

- Expanded area of interest but same data
- Provide web map services to DMG
- Bigger group = slower movement / response to needs