

California Desert Managers Group

**Working Together to Conserve
the California Deserts**

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DOD DMG Coordinator**



DMG Mission

Develop complementary management guidelines, practices and programs by coordinating and integrating efforts to:

- Conserve and restore desert resources
- Provide quality recreation, public education and visitor services
- Provide for safety of desert users
- Develop and integrate databases and studies necessary for effective resource management
- Promote compatibility in the application of each agency's mission



Conservation Land Acquisition and Alternative Energy Development

- To provide the data and coordination necessary for ongoing agency conservation acquisition and alternative energy development programs to maximize benefits to sensitive plant and wildlife species, wildlife corridors, habitats, cultural resources and open spaces.
- Focused on California deserts
- Over 75 different data sets
- Data accessible via ArcMap IMS session.



Desert Tortoise

- Line Distance Sampling
 - ❖ Monitor desert tortoise population trends throughout its range.
 - ❖ Create random transects in assigned strata throughout the range.
 - ❖ Analyze terrain for selected transects.
 - ❖ QAQC collected data.
 - ❖ Archive and distribute monitoring data via the Internet.
- Desert Tortoise Recovery Plan
 - ❖ Manage the desert tortoise decision support system.
 - ❖ Provide mapping and data visualization to desert tortoise Recovery Implementation Teams.



Desert Tortoise

- Raven Predation
 - ❖ Monitor raven predation of desert tortoise throughout its range.
 - ❖ Create visual display of known predation events.
 - ❖ Visually display wildlife management responses to raven predation.
 - ❖ Receive, QAQC, and visually display raven data collected from the public.
 - ❖ Archive and distribute data via the Internet.



Cultural Resources

- Work with CA SHPO to develop a regional database
- Work with the San Bernardino County IC to convert AutoCAD data to GIS format
- Develop online capability for viewing data
- Develop online capability to input new resource data



Future Requirements

- Mojave Ground Squirrel
- Mojave Fringe Toed Lizard
- Assessment of all mapping/modeling activities in the California deserts.
 - ❖ Inventory of all current efforts and their desired outcomes
 - ❖ Analysis of how these outcomes could assist DMG member agency land and resource management
 - ❖ Identify future/planned mapping efforts
- NPS Desert Network GIS Work Group



- **All DMG GIS efforts are implemented by the Mojave Desert Ecosystem Program**
 - **ArcMap ArcInfo, ArcGIS Server, ArcIMS**
 - **4 Terabyte expandable data storage capability**
 - **Data backup**
 - **Dedicated T1 line**
 - **Dedicated web domains for data distribution**
 - ❖ **mojavedata.gov**
 - ❖ **dmg.gov**
 - ❖ **deserttortoise.gov**
 - **Dedicated staff**
 - ❖ **system administrator**
 - ❖ **webmaster**
 - ❖ **GIS Analyst**





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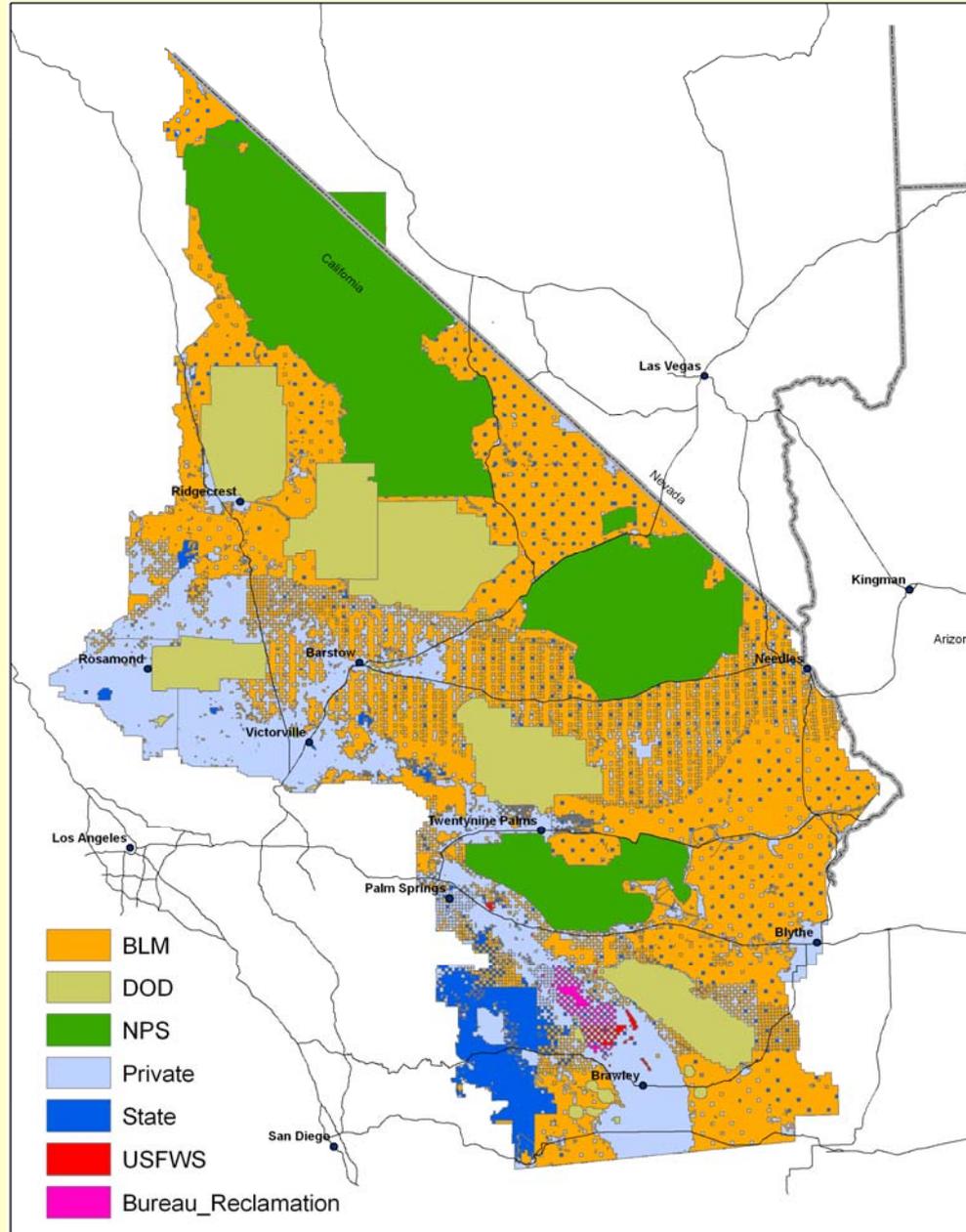
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www.dmg.gov



Regional Desert Facts

- Surrounded by 40 million people
- 25 million acres – 80% public
- Multiple jurisdictions
 - 3 national parks
 - 10 state parks
 - 6 military bases
 - 4 National Wildlife Refuges
 - 11 million acres BLM land
 - 37 Native American tribes
 - 7 counties
 - 100 communities



DMG Participants

Department of Interior

- Bureau of Land Management
- Fish and Wildlife Service
- National Park Service
- Geological Survey
- Bureau of Indian Affairs

State of California

- Department of Fish & Game
- Department of Parks
- Department of Transportation
- Kern County
- San Bernardino County
- Imperial County

Department of Defense

- Naval Air Weapons Station, China Lake
- Edwards Air Force Base
- National Training Center, Fort Irwin
- Marine Corps Air Ground Combat Center, Twenty-nine Palms
- Marine Corps Logistics Base, Barstow
- Marine Corps Air Station, Yuma

Department of Agriculture

- Forest Service

