Desert Conservation Program GIS Data

- DCP Program has funded over 250 MSHCP projects which many required spatial data and delivery
- Data was delivered or acquired from Federal agencies (BLM, USFS, NPS, USDA, USGS), academia (UNR, UNLV), private companies (SWCA, KLA), non profit (TNC, GBBO), cities (permitees), state (NDOW, NNHP, SNWA), and Clark County (GISMO)
- Types of data acquired and evaluated include GIS, remote sensing, GPS, spreadsheets (Excel, Access, dBASE), hardcopy reports, agency/County downloads, and aerial/satellite imagery
- Spatial data frequently lacked or had minimal metadata and projection information
- Applicable data was grouped by species/physical/habitat categories and loaded into ESRI Geodatabase structure

- Current uses of DCP and MSHCP project data

  - Support ongoing MSHCP requirements (AMP products), internal analysis (Tortoise hotline), Permit Amendment, and upcoming MSHCP projects

  - Support for DCP/MSHCP projects (Rare Plant Survey, Vegetation/Geomorphology update, and Boulder City Conservation Easement management)

  - County/agency projects include analysis of impacts of development projects within Clark County (Solar/Wind projects, Energy ROW Corridors, OHV races, County Landuse updates, Trails planning, and Open Space planning)

- Future data gathering and uses of DCP and MSHCP data
  - Continue to upload new project data (~ 60 ongoing projects) into our GIS Geodatabases (physical, species, and habitat)
  - Inclusion of imagery products into a raster Geodatabase
  - Work with NNHP to include backlogged MSHCP and agency data
  - Continue to support MSHCP AMP requirements
  - Provide GIS training and support for DCP project managers
  - Support current and future DCP and MSHCP projects
  - Continue support/analysis of agency, state, county, city projects (EIS review, map production, provide data)