

# **Mohave Ground Squirrel Research Strategy**



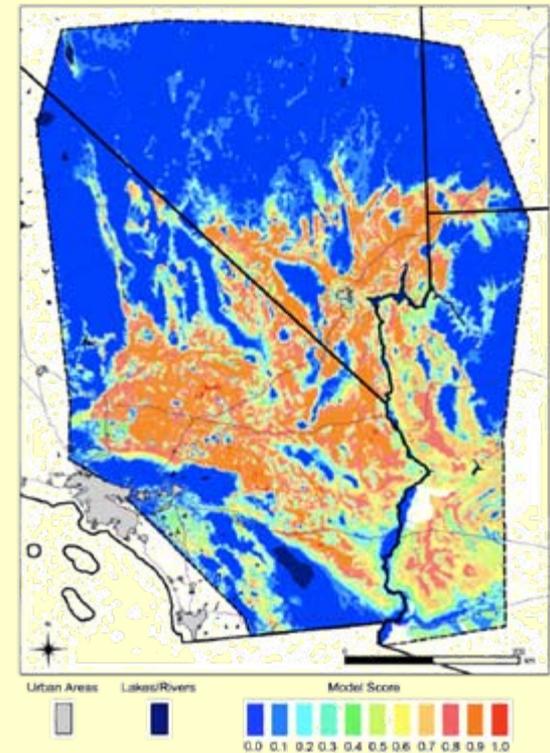
# Monitoring Protocol Workshop

- Purpose of workshop is to develop biologically and statistically rigorous protocols for detecting the presence of MGS and monitoring annual population trends.
- This item remains unfunded and unscheduled.



# Development of Habitat Suitability and Landscape Genetics Model

- Development of a peer reviewed, published habitat suitability model for MGS by USGS
- Funded by the California Energy Commission (CEC) Public Interest Energy Research (PIER) program.
- The USGS model will be developed by Drs. Todd Esque and Ken Nussear, will utilize many of the same data and techniques used to develop the habitat suitability for desert tortoise.
- Dr. Marjorie Matocq of UNR will also develop a landscape genetics model that will help elucidate corridors between core populations.



# Model Validation

- Collection of randomized presence absence data throughout MGS range
- Use of game cameras to determine presence absence
- Project is collaborative with resources and funding coming from Fort Irwin, BLM, CDFG, CEC, Army Corps of Engineers, and Cal State Stanislaus

