

- RESEARCH & RESOURCES MONITORING -

Soils/Geology

- 1-Erosion & sedimentation (UNM, Wells), study of erosional patterns and morphological changes in La Mesa burn.
- 2-Soils inventory (Earth Environmental Consultants, Alb), continuing for remainder of monument; family & series.
- 3-Geology study (Colorado Sch Mines, Boden), geomorphic & faulting behavior expressions, monument-wide initially.
- 4-Soil nitrogen status (BAND staff, UTEP lab), sample analyses and comparisons in varying burn intensities.

Aquatics

- 1-Water quality (BAND staff, Env Consultants lab), periodic samples of selected water courses and locations affected by burn areas.
- 2-Flow & sediments (BAND staff, USGS lab), flow gage readings and sediments analysis of waters leaving burn area. Dick Thomas

Mammals/vegetation

- 1-Small mammals (Claremont Coll, Guthrie), population dynamics and responses to fire; inventory of species types.
- 2-Ungulates (NMSU, Sivinski), study of deer/elk responses to fire, and habitat preferences.
- 3-Wildlife exclosures (UNM, Foxx/Potter), transect readings in & out of exclosures to monitor trends in vegetative recovery; 3 exclosures in backcountry: Alamo bottom, Stone Lion, and San Miguel areas.

Invertebrates

- 1-Invertebrate populations post-fire (Pippin), study of species composition and sample collecting.
 - 2-Invertebrate fauna, Frijoles Creek (Pippin), basic inventory studies.
 - 3-Jemez Mountain Salamander (Claremont, Guthrie), effects of La Mesa burn on habitat.
 - 4-Bird survey/analysis (Wauer), dynamics relative to Burro & fire impacts.
- Fire Management

- 1-Fuels inventory (BAND, Lissoway), Baca acquisition.
- 2-Photo stations (BAND, res mgt), continue records of vegetative successional effects from fire.

Backcountry/wilderness

- 1-Campsite evaluations (BAND, res mgt), record changes in veg, soils, etc from camper impacts at Capulin & Alamo sites.

Vegetation

YOUR INPUTS are needed, too.....WILDLIFE OBS, UNIQUE & INTERESTING DISCOVERIES, PROBLEMS OR "UNUSUAL HAPPENINGS", (UFO'S, PINK TREES, ETC).....