

**Regional Mitigation Strategy Development  
for  
BLM Colorado Solar Energy Zones  
San Luis Valley-Taos Plateau Landscape Assessment**

**Improving DOI-BLM Mitigation Practices and Outcomes through Landscape Approach**

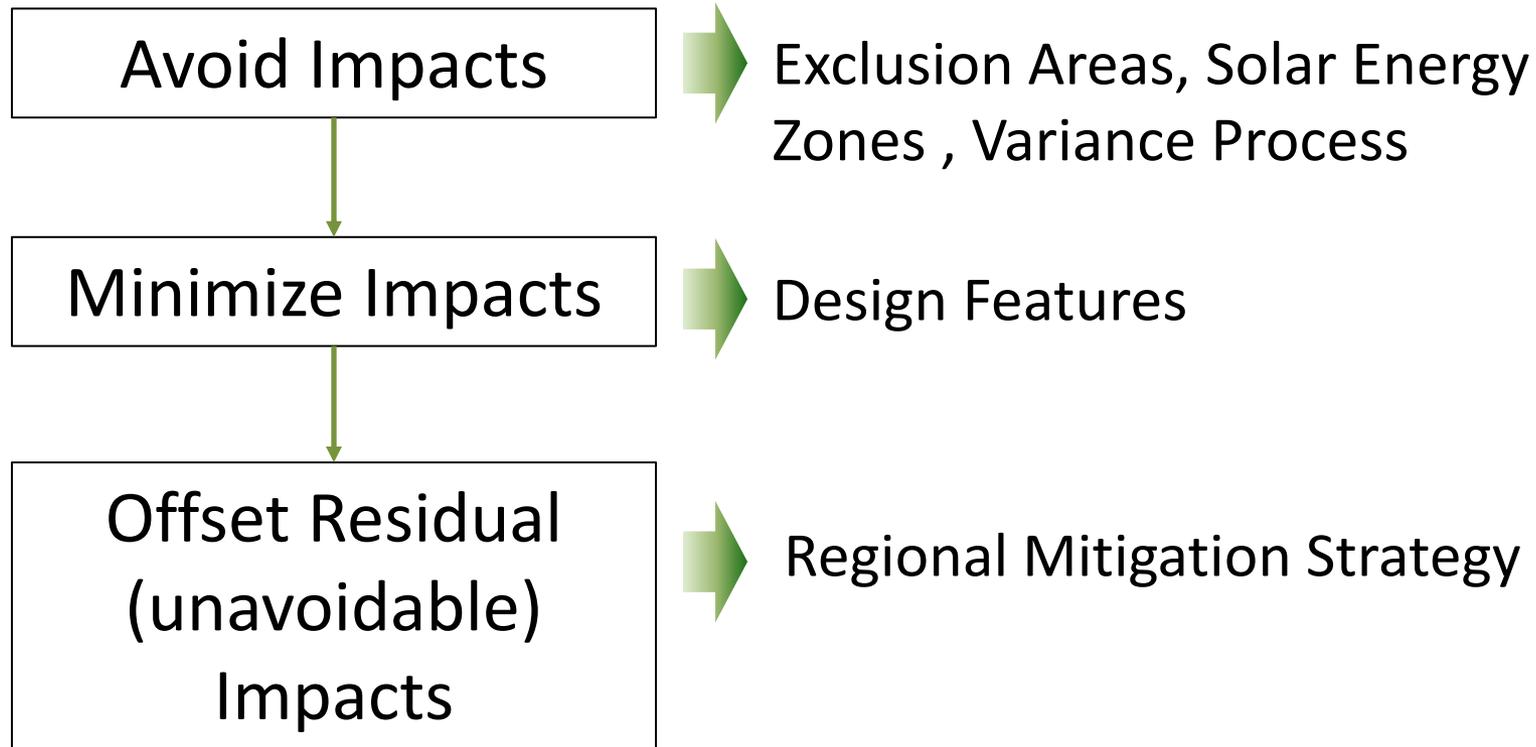
**Front Range Resource Advisory Council Briefing**

**Joe Vieira  
Bureau of Land Management  
August 20, 2014**

# Topics

- **Update regional mitigation strategy development for DeTilla Gulch, Los Mogotes E. , & Antonito SE**
- **Present example landscape assessment change agent & conservation element models**
- **Review goals, schedule, handouts for Sept 8-11 SEZ public meetings**
- **Prep for August 21 RAC Antonito SE Field Trip**

# DOI Western Solar Plan & BLM Solar Program Mitigation Hierarchy (Solar PEIS ROD, 2012)



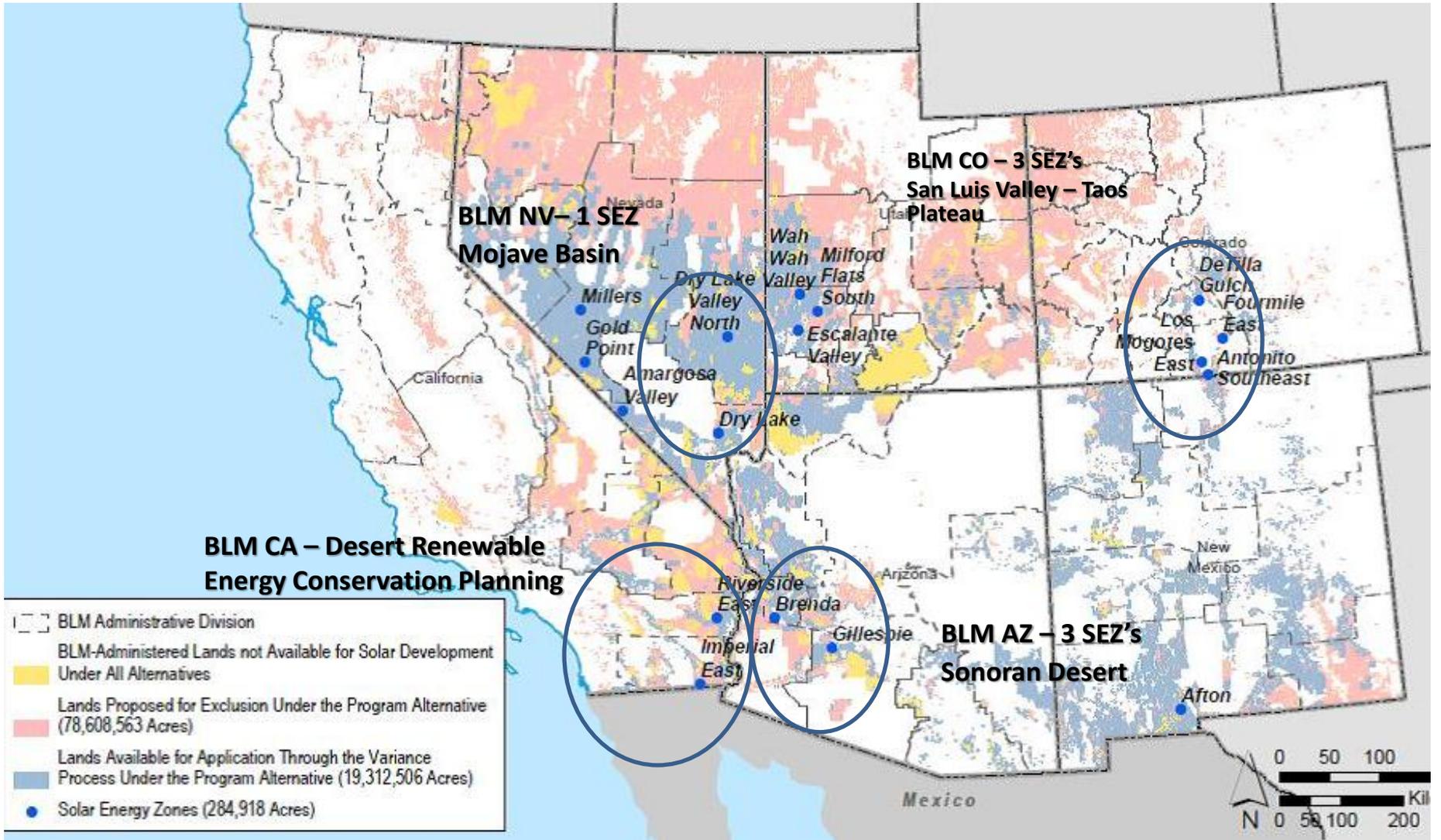




FIGURE 3.1.4 Utility-Scale Flat Plate PV System of the Prescott, Arizona, Airport Operated by Arizona Public Service Company (This system incorporates flat plate and concentrating solar panels (foreground) and concentrating flat plate solar panels (background).) (Credit: Arizona Public Service; Source: NREL, 2010)



FIGURE 3.1.1 Solar Field for the Florida Power and Light Parabolic Trough Facility Known as SEGS VI, Kramer Junction, California (Source: Horvath et al., 2010)

**Step 1** Collect Baseline Data for Assessing Residual (unavoidable) Impacts

**Step 2** Assess Degree of Impacts and Identify Resources that May Warrant Regional Mitigation

**Step 3** Identify Regional Mitigation Goals

**Step 4** Evaluation of Appropriate Mitigation Locations, Objectives, and Actions

**Step 5** Recommend Method for Calculating Mitigation Compensation for SEZs

**Step 6** Recommend Solar Regional Mitigation Fee Structure

**Step 7** Develop Mitigation Monitoring and Adaptive Management Plan

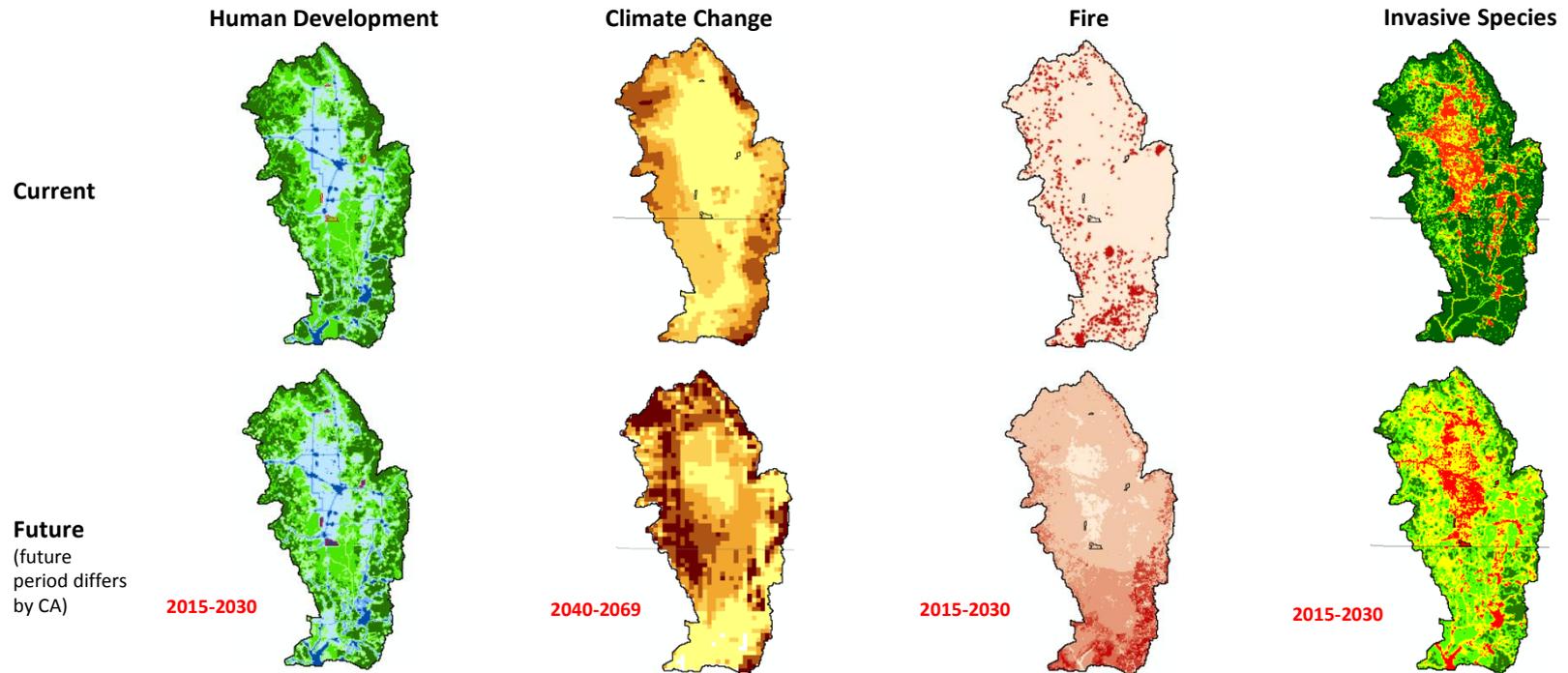
*We are here for all SEZ's* →

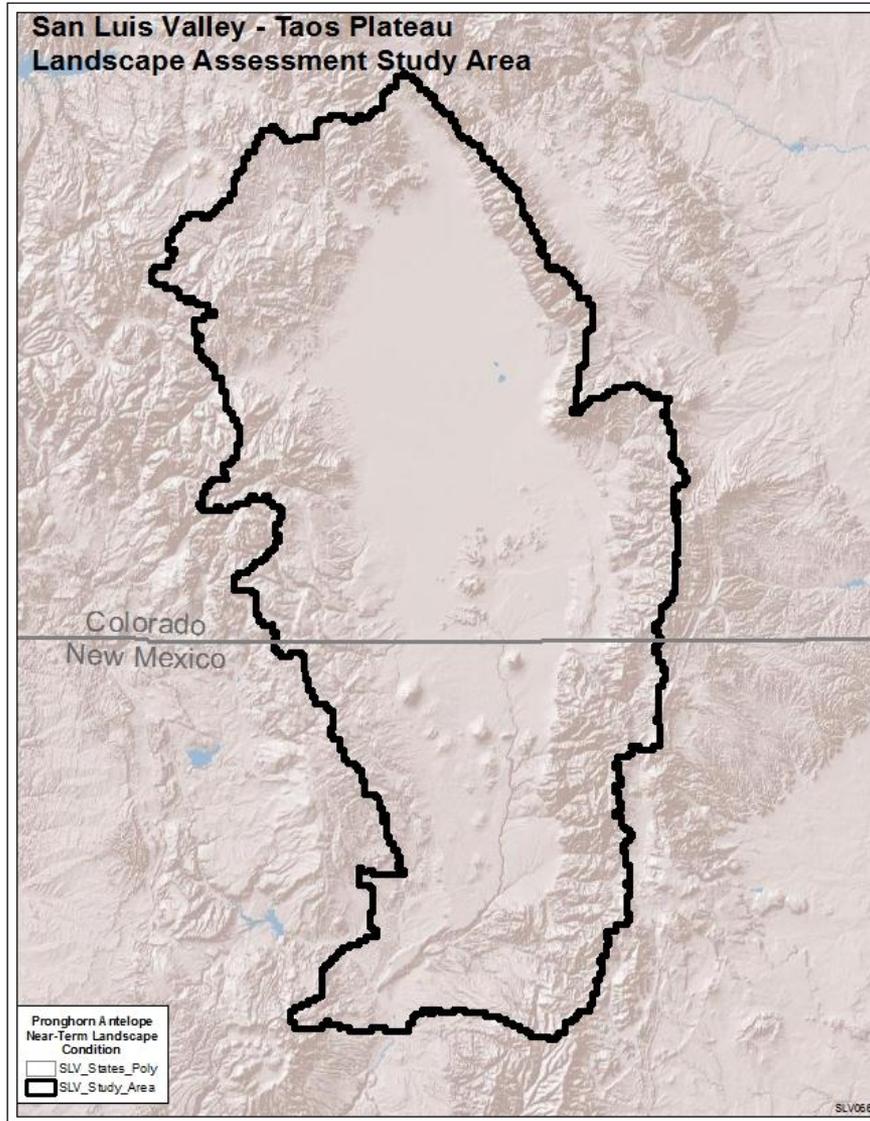
- Regional mitigation strategy steps
- Regional mitigation strategy recommendations incorporated in
  - project-level NEPA/ROW decision
  - SLVFO RMP revision

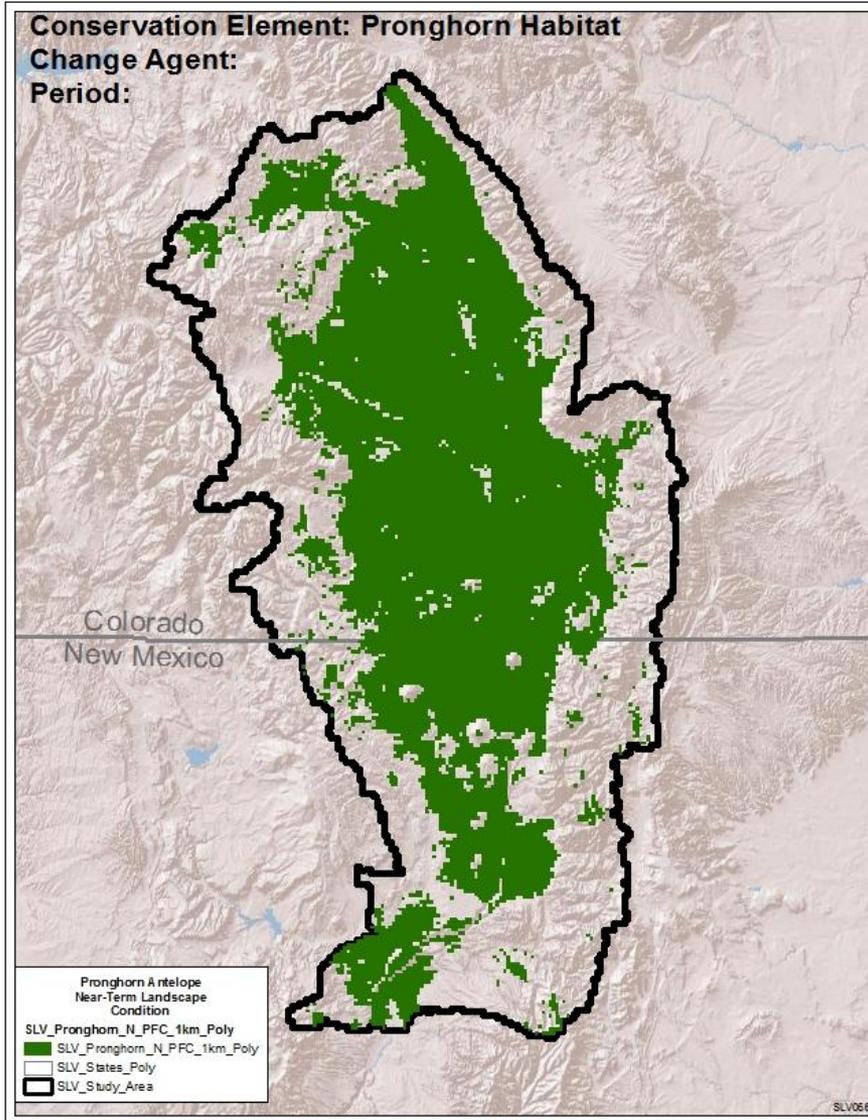


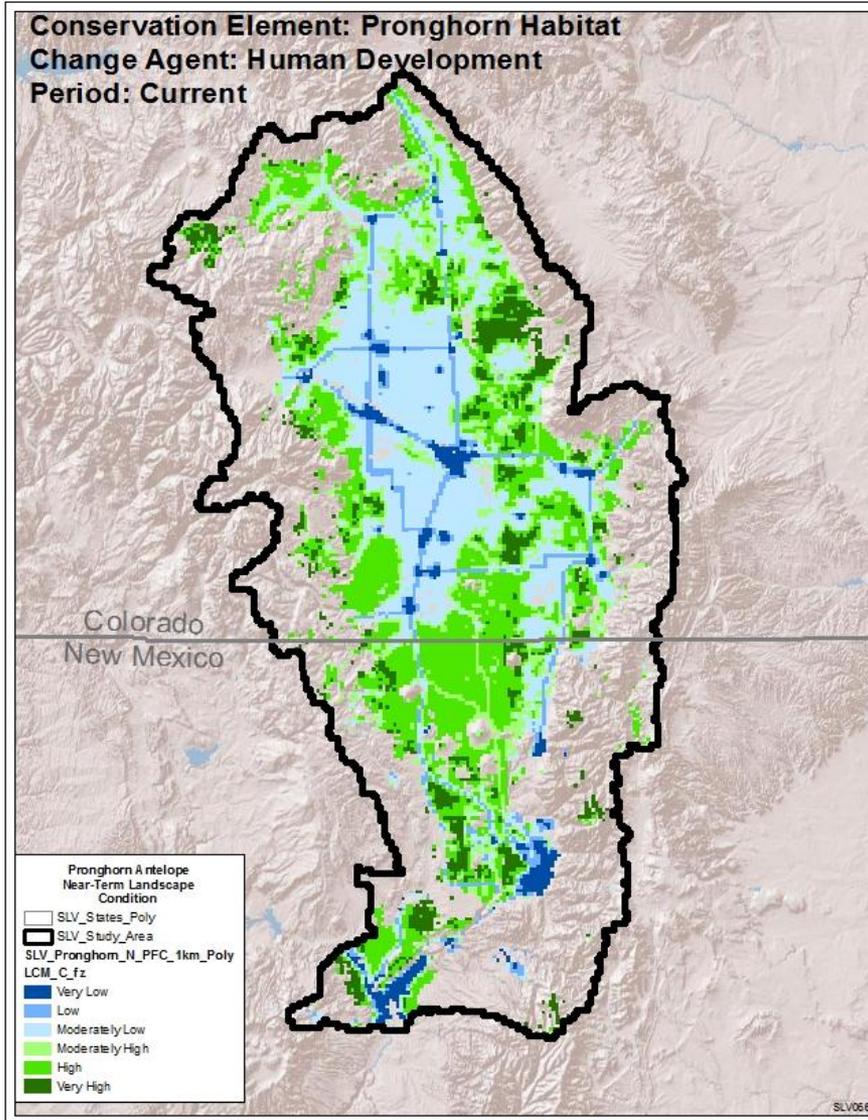
# San Luis Valley – Taos Plateau Landscape Assessment

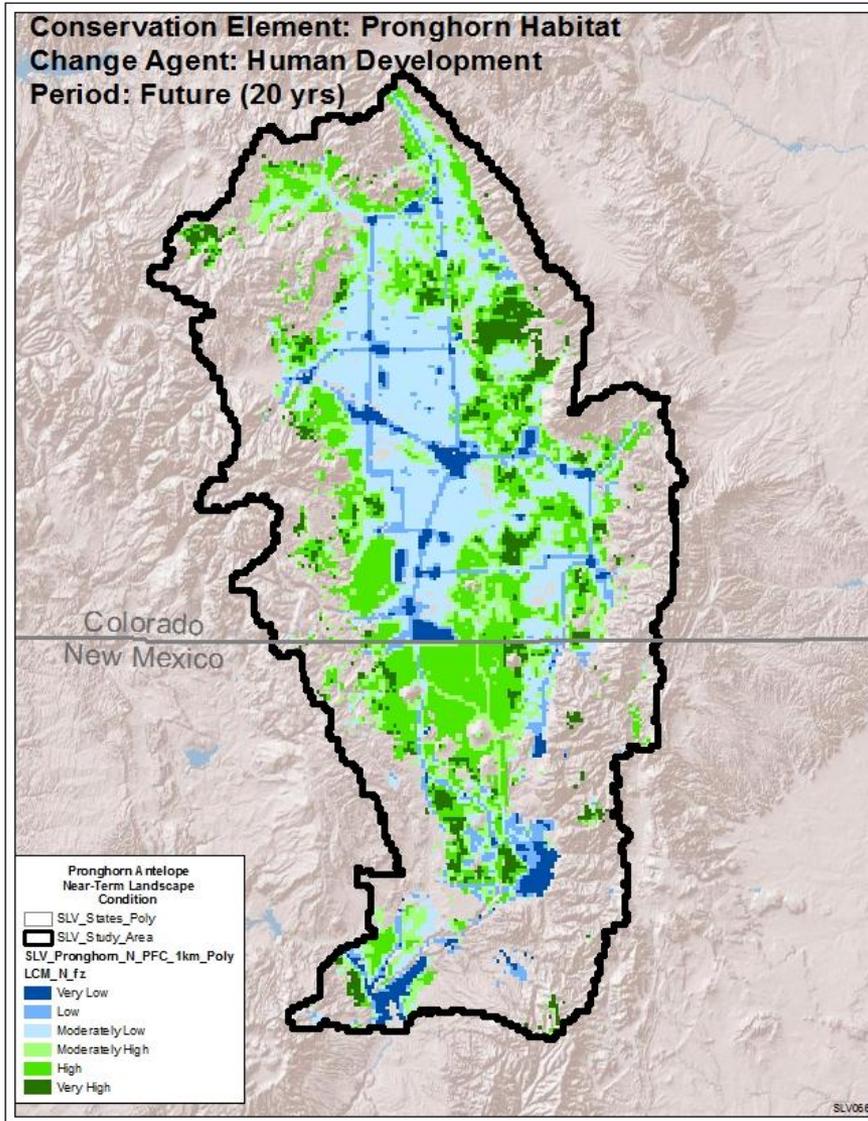
- Change Agent Models

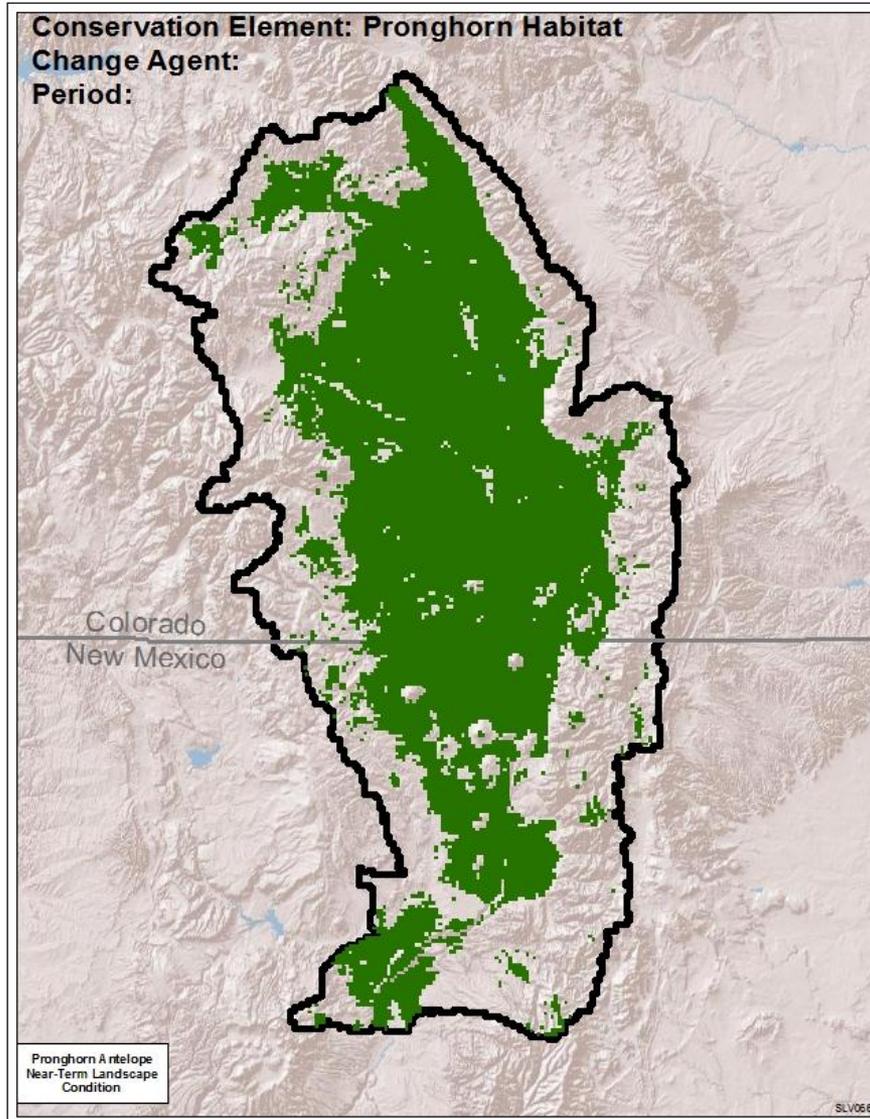


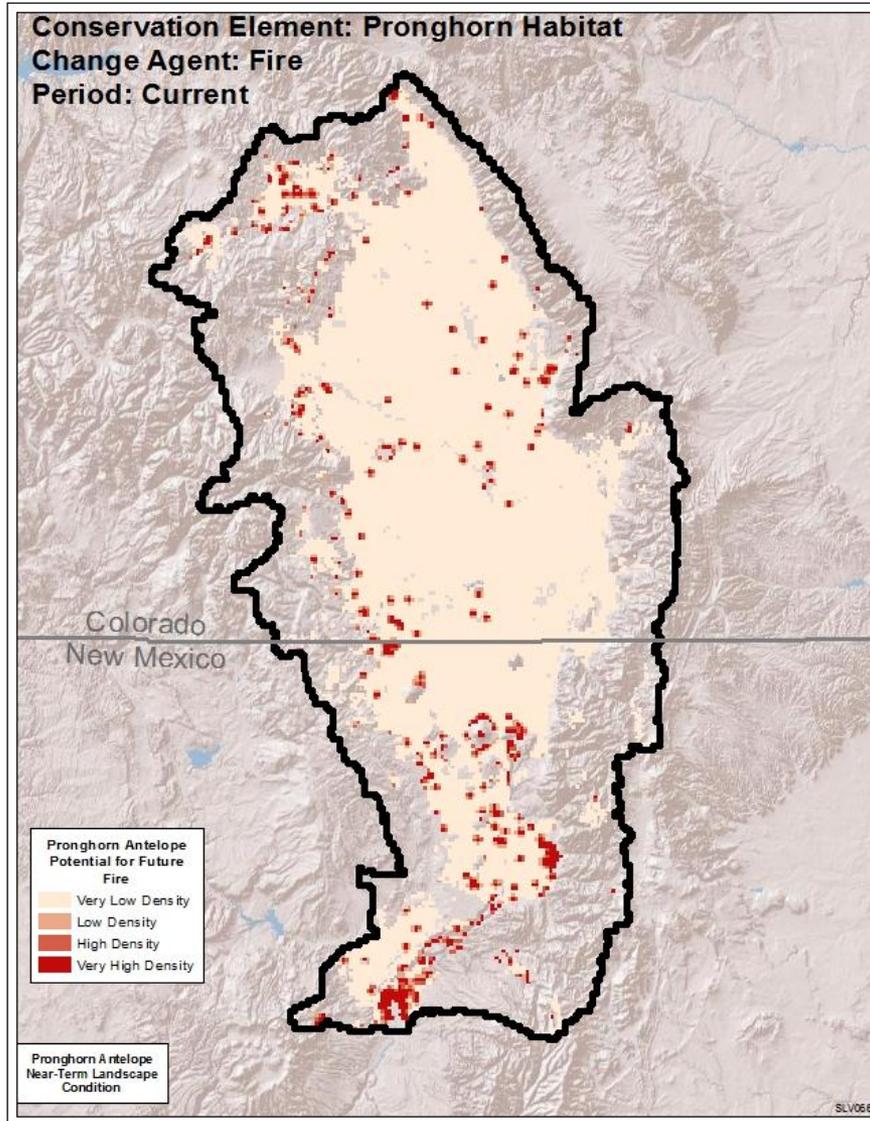


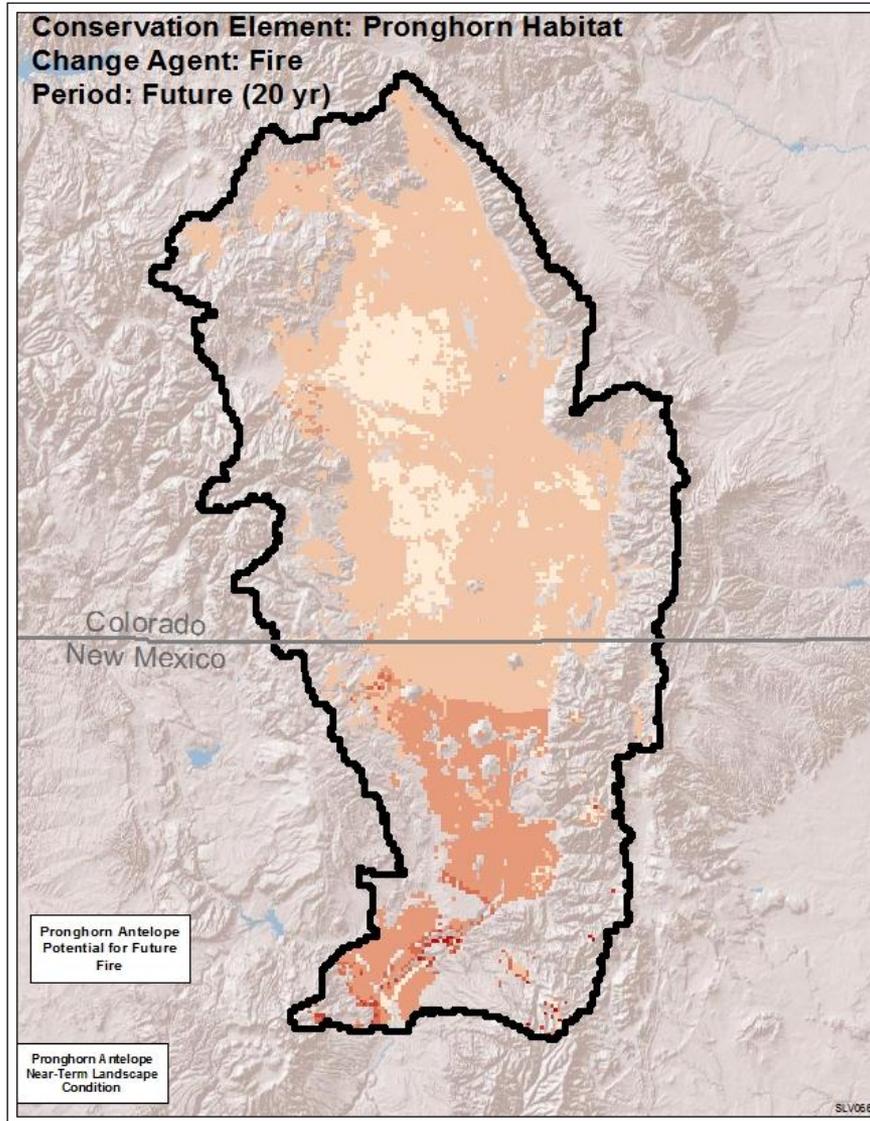


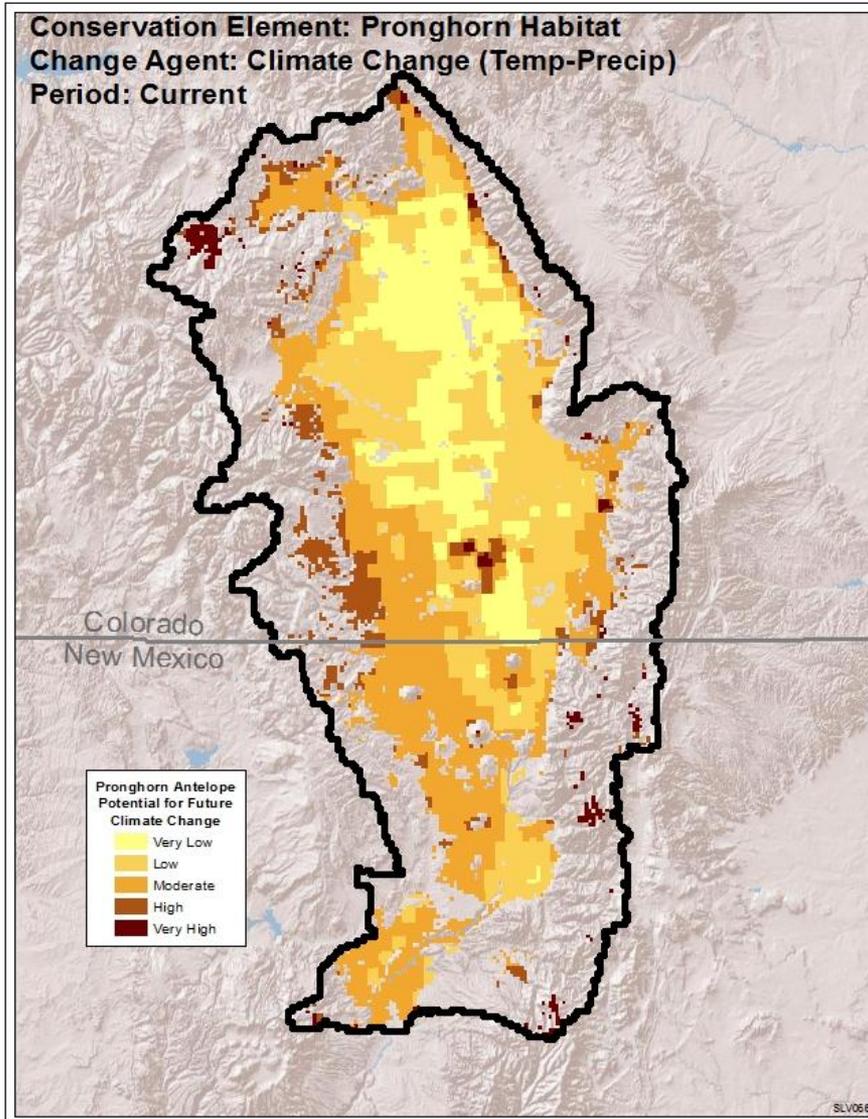


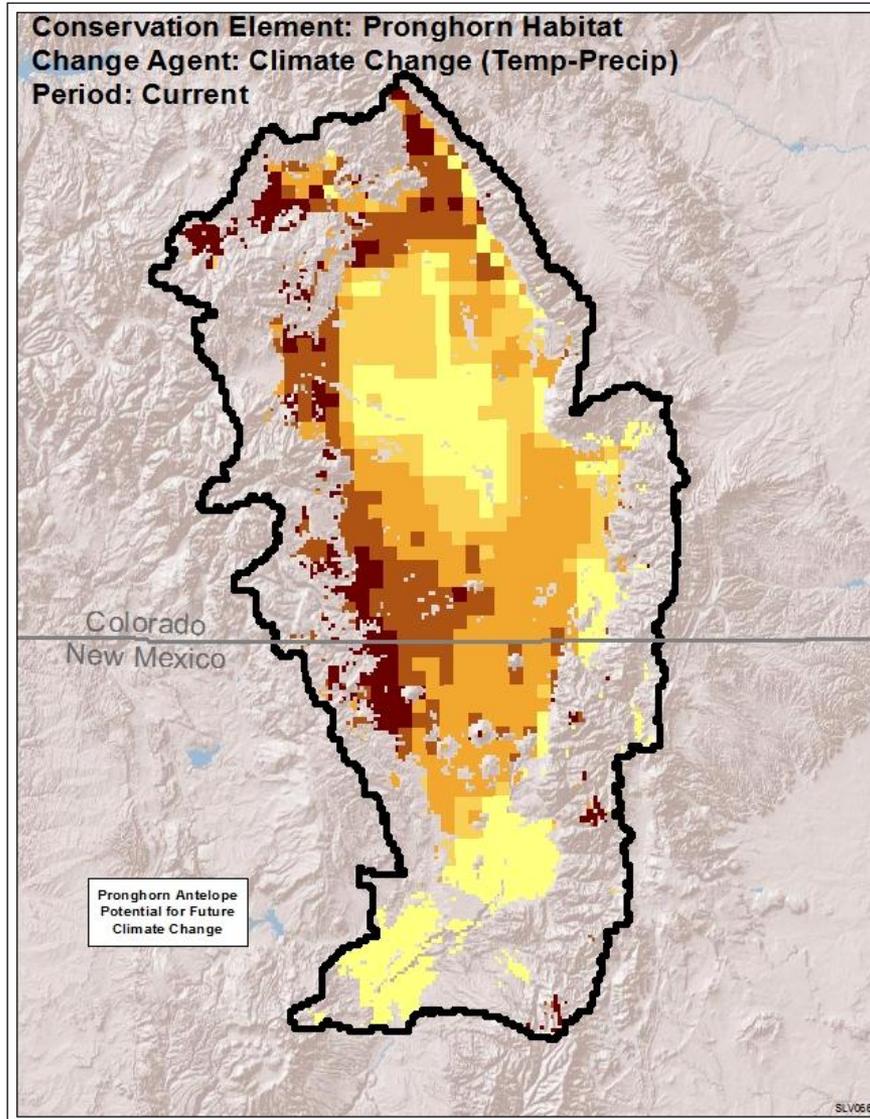












# Public Meetings – Sep 8-11, 2014

## Public meeting goals:

- Engage public in mitigation planning
- what for, where, how

## Public Meeting Schedule:

- **De Tilla Gulch SEZ – Monday, Sept 8** – Saguache Road and Bridge. 3 PM – assemble for field visit; 4 – 6:30 PM – Local Workshop
- **Antonito Southeast SEZ – Tuesday, Sept 9** – Our Lady of Guadalupe Church. 9 AM – assemble for field visit; 4 – 6:30 PM – Local Workshop
- **All Day Workshop in Alamosa – Wed., Sept 10** - Adams State University. 8:30 AM Registration
- **Los Mogotes SEZ – Thursday, Sept 11** – Romeo Town Hall. 9 AM – assemble for field visit; 4 – 6:30 PM – Local Workshop

# Handouts & SEZ Visit Prep

- Draft *SEZ Impact Summary Sheets*

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- *SEZ Grazing Allotment Maps*