

## Stop 1. Chihuahuan Desert Nature Park

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### Education and Outreach Components:

- **Education**
  - K-12 students and teachers; general public
  - Undergraduates & graduate students
- Outreach to land managers & scientists
- Media communications
- Technology development and transfer
- Data and information accessibility

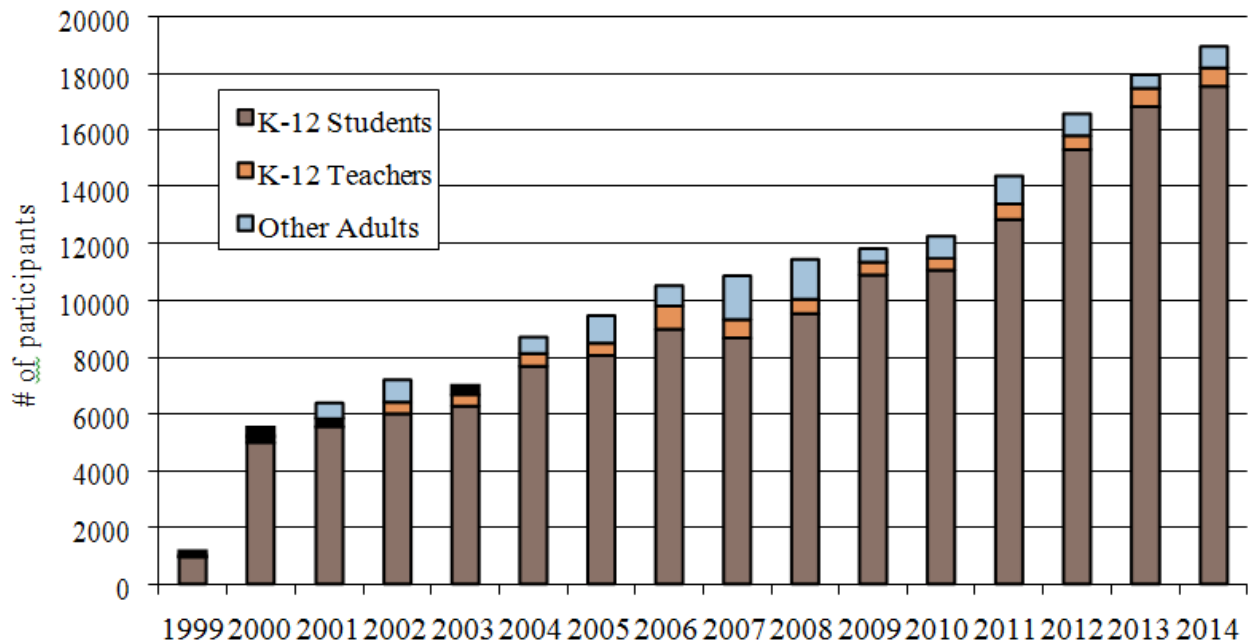


### Common Features

Tight connection to LTER science  
Inquiry-based and hands-on  
Alignment with education standards (NM, TX, NGSS, CCSS)  
Leveraged by outside grants (\$7 for every \$1 of LTER funds)

### Impact :

1. 151,299 K-12 student contacts (>49,000 in last three years)



2. Increases in content knowledge
3. Gains in understanding of scientific practices
4. Decreases in stereotypes about what scientists look like and what scientists do

## K-12 Education and Outreach

### Schoolyard Science Studies



Last 3 years: Kits distributed throughout NM and El Paso, TX region

### Class/Schoolyard Programs



Last 3 years: 1,650 one-hour programs for 40,193 students (~24 students/program)

### Field Trips



Last 3 years: 93 full-day trips for 5,213 students (~56 students/trip)

### Teacher Workshops



Last 3 years: 11 workshops (1-10 days) for 214 teachers (~19 teachers/workshop)

### Family Education Events



Last 3 years: 18 events for 1,249 participants (~69 people/event)

### Desert Data Jam



Last 3 years: 109 projects in final competitions (198 students)

### Graduate Student Involvement in K-12 Education

Update tomorrow from Owen McKenna

