

# EPSCoR Collaboration With Northern New Mexico Network

Professional Development for High School  
Science and Math/Science Teams of Teachers  
at the Valles Caldera



# Northern New Mexico Network



## Objective:

Improve science and math education via collaboration among science and math teachers using integrated environmental studies as a vehicle to achieve relevance and stimulate student interest in both disciplines.





## NORTHERN NEW MEXICO NETWORK VALLES FIELD EXPERIENCE

### Approach:

- Fourteen teachers each summer - science teachers and math/science teams in grades 7-12
- One week at the Valles Caldera learning field techniques from experts in the areas of water chemistry, geomorphology, macroinvertebrates, botany, forestry, soils, and geology
- Develop science units to be implemented in classrooms and field experiences
- Follow-up workshops to evaluate, revise and expand implementation plans
- Site visits to support and observe implementation

