

Funding GLOBE

Dr. Deb Hemler, Fairmont State University

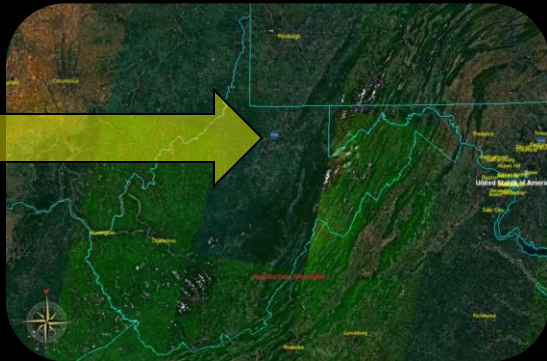
Mr. Todd Ensign, NASA IV&V Facility ERC





WV GLOBE Partner NASA IV&V Facility Educator Resource Center

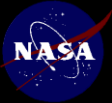
- **NOT** the NASA 4 & 5 Facility
 - Independent Verification & Validation Facility
 - Testing NASA software
 - Located in Fairmont, WV
 - ERC is a grant with FSU





GLOBE in WV

- 636 GLOBE Teachers
- 318 GLOBE Schools
- 80,130 Total GLOBE Measurements Submitted
- 17 Student Research Projects published on Web site
- 1 School with 3 Chief Scientist's Honor Roll Citations
- International and U.S. Collaborations:
 - Three teacher workshops in Nigeria.
 - One teacher workshop in Carto, Costa Rica in partnership with ODF.
 - Collaboration between Costa Rica students and WV students through the Integrated Design for Geoscience Education, Marshall University.
 - Collaboration between OH View, WV View, MD View, and PA View leading to GLOBE teacher participation in SATELLITES Program, through NASA IPY.
 - SATELLITES Program workshops in OH year 1, OH and WV year 2, adding PA and MD in year 3.
- WV Trainings
 - Began training in 2003
 - 88 Teacher Workshops
 - Four Train the Trainer



Funding GLOBE Through Partnerships

1. Canaan Valley Institute non-profit agency (won \$5k)
2. EPA Regional Grant (not awarded)
3. Private Foundation (won \$15k)
4. NCLB: Improving Teacher Quality Grant (won 3 years running, \$50k, \$60k, 70k. not awarded fourth year)
5. NSF GeoEd: Integrated Design for Geoscience Education (won at approx \$100k)
6. NSF Young Investigators (won at approx \$500k)
7. NASA IPY Grant (won w/enough to provide for >20 teachers)
8. NSF GeoEd: WV Watershed Dynamics (won approx \$50k)
9. WVU Research Funds (won for E-GLOBE doctoral research supplies for 2 schools)
10. NCLB: Improving Teacher Quality (pending approx \$75k)





Diverse Partners/Collaborators

- Higher Education Institutions
 - Marshall University
 - Fairmont State University
 - West Virginia University
 - West Liberty State College
 - Glenville State College
 - West Virginia State College
 - University of Toledo
 - University of Maryland
 - Clarion University
 - Indiana University of Pennsylvania



Diverse Partners/Collaborators

- Non Profit Organizations
 - The EdVenture Group
 - Canaan Valley Institute
 - America View
 - Friends of Deckers Creek
- Government Agencies
 - WV Geologic Survey
 - WV Higher Education Policy Commission
 - WV Department of Protection (Save our Streams)
 - NASA IV&V Facility



Diverse Partners/Collaborators

- Local School Districts
 - Mon, Marion, Preston, Ohio, Tucker, Taylor, etc
- Statewide Educator Associations
 - Regional Math, Science, Technology Consortium
 - WV Science Teachers Association
 - WV Environmental Education Association



How Do YOU Fund GLOBE?