

PENNSIATE



PUBLIC
BROADCASTING

GEOSPATIAL REVOLUTION

An integrated public media and outreach initiative about geospatial technology and how it is changing our world.

GEOSPATIALREVOLUTION.PSU.EDU

Penn State Public Broadcasting

■ Other Documentary Projects

– Liquid Assets

- Nationally-televised 90-minute documentary to raise public awareness about public water and wastewater systems
- 2008 Engineering Journalism Award from the American Association of Engineering Societies

– Telling Amy's Story

- 60-minute documentary on domestic violence with accompanying educational materials.
- Finalist in international competition for public television documentaries

– The Grange Fair: An American Tradition

- 90-minute documentary
- Silver Screen Award in the 38th Annual International Film and Video Festival
- Bronze Award in the 2004 Telly Awards

Development

- PAMAP
- ASPRS Films
- ASPRS Foundation funds trailer
- PSPB Fundraising
- Episodes 1 – 4 released on the web

Stories

- Episode 1
 - Explanation of the Technology
 - History of Mapping
 - Crisis Mapping: The Haiti Earthquake
- Episode 2
 - Creating an Interactive City
 - Powering Business
 - Finding a Healthy Future

Stories

- Episode 3
 - Mapping the Road to Peace
 - Waging Modern War
 - Serving and Protecting
 - Privacy in a Digital World
- Episode 4
 - Monitoring a Changing Climate
 - Preventing Hunger
 - Tracking Disease
 - Mapping Power to the People

Funders

- ASPRS Foundation
- Booz Allen Hamilton
- DigitalGlobe
- ESRI
- GeoEye Foundation
- Harris Corporation
- NAVTEQ
- Northrop Grumman
- United States Geospatial Intelligence Foundation

Outreach Collaborators

- AmericaView
- GeoTech Centers
- National Geographic Society Education
- NASA Goddard Space Center

Impact: Shared Worldwide

- Videos viewed in more than 170 countries
- 1700 Facebook fans
- 1300 Twitter followers
- 180,000 online views of videos since launch

Impact: Government Agency Training

- Videos used by training by:
 - US Department of Defense
 - Defense Intelligence Agency
 - Army Reserve Intelligence Support Center
 - National Geospatial-Intelligence Agency College

Impact: K-12 Educators

- Educational materials posted to *Teachers' Domain* – more than 270,000 members
- Episodes to be hosted by *National Geographic Society Education* – 5 million teacher visitors to website per year
- Teacher training by *NASA Goddard Space Flight Center* education centers and field offices

Impact: Higher Education and Workforce Development

- AmericaView, a university-led state-based consortia, uses in workshops, university GIS departments
- GeoTech Center, a partnership funded by NSF, promotes use in community college curricula
- ASPRS and other collaborators and funders inform members, offer workforce development and recruitment

Future Development

- Additional fundraising
- 5th web episode
- 1 hour broadcast
- Outreach activities

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