GPS Mapping and Community Development

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Asset-based Participatory Development
Smethport, Pennsylvania

- Mapped Goosechaser/Hamlin Trail, Historical Mansion District, Smethport Elementary School trail, and Wolfinger Trail

- Met with local businesses and conducted surveys based on business assets

- Held interviews

- Created lesson plans for Smethport School District based on points of interest on trails
Bradford, Pennsylvania

University of Pittsburgh at Bradford

Historical Downtown Bradford

Richard McDowell Trail
Points of Interest

Natural

Historical

Commercial
Process

Application
Coordinates

Points of Interest
Collect Data
Entering Data Content

- **ENTER name of point**
- **CLICK to upload images into textbox.**
- **CLICK in box to enter text.**
- **ENTER category of the trail point, such as educational, historical, business, or natural.**

Smethport's Trail App was created by students from the University of Pittsburgh at Bradford supported by a fall 2012 Innovation in Education Award from the University of Pittsburgh.
GPS Interface

Points of Interest on Application

Data Interface
A Little Help From the Conservation Department

McKean County Conservation Department’s Sherry Dumire stopped by the classroom on Thursday, October 24th to help locate and describe water points for trail users to access on the smart phone app. A few points Sherry pointed out along the McDowell Trail are: log-framed stone deflectors, and multi-log vane deflectors, which are both used to center the flow and deflect the current from causing erosion.

This entry was posted in Blog by Kristyn Grieb. Bookmark the permalink.
Natural Points
Local Commercial Assets

- Sportsman Outlet
- Bradford YMCA
- Main Street Movie House
- Bylyye Lanes
- Best Western
Planned series of interconnected trails, parks, national forests, and water access points

Links people to the natural and cultural treasures

Located through the Allegheny National Forest, the Kinzua Bridge State Park, Pennsylvania and the Allegheny State Park in New York
Compose place-based lesson plans for Bradford Area School District

Upgrade and Improve GPS Application

Follow-up with local businesses involved in application

Stay in contact with Smethport, Pa (pilot town)

Turn Smart phone App over to town of Bradford