Master's International Program
Guatemala 2007-2009

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13 November 2009
Panimaché
Panimaché: Location
Community Description

- Pop. ~ 400
- Isolated
- Economy
  - Main harvests: sugar cane, coffee and palm fruit
  - Remittances
Peace Corps

- Cultural Exchange
- Providing technical training to host country nationals
  (Environmental Ed)
  - Ministry of Education
  - INSIVUMEH
Community Integration
Cooking Lessons
Personal Connections
Bringing PC Home
Social Events
Schools: Environmental Education & Disaster Preparedness

- Trash Management and Conservation
- Celebration of National Environmental Days
- Teacher Training
- Volcanoes/Earthquakes
- Emergency Planning
  - Earthquake Drills
National Water Day: River Cleanup

Trash Management
School Improvement Projects: Bathrooms

- Older facilities inadequate
- School may serve as an emergency shelter
School Improvement Projects: Resources
Women’s Group

- Need to involve women in community development and local politics
- Identifying community needs and grant writing
- Project Management
- Leadership, Confidence, Self-Esteem, Teamwork, Public Speaking
- Hazard mitigation: roles emergency response and relief efforts?
INSIVUMEH: Observatory

- Overlap of service with previous volunteer: training with monitoring equipment
- Field surveys for reports to central office
- Coordinating donations of equipment for improved monitoring: high optical-zoom camera (MTU), internet
Seismic Station

- January 2008: Installation of a 3-component broadband seismic station
- Training the observatory staff: station installation and maintenance
- System for archiving data
- Transferring data to MTU
- Problems: location, maintenance
Master’s Research

- Seismic Data
- Relating seismicity to visual observations
MTU Field Campaigns
Gracias!