Summer Institute 2011: The Human Impact of Natural Disasters

8:30-4:30 (arrive early for time to eat/mingle)

June 14
Welcome to Day 1
Element: WIND/AIR - Focus area: Hurricanes/tornadoes

☐ Check in; continental breakfast
☐ Welcome/ introductions
☐ Overview of next three days
☐ Introduction to wiki
  - Morning break (Cloud Matching)
☐ Learn from the expert: severe weather
  - UNC Meteorology faculty member
    Derek Starkebum
☐ Library of Congress historical case study:
  - Galveston Hurricane - 1900
☐ Lunch (noon) – Holmes dining hall
☐ Hands-on science: it’s a barometer!
☐ Storytelling and primary sources
  - Afternoon Break
☐ ‘Under the Rainbow:’ Discussion of Isaac’s Storm
☐ Reflection/Computer time
☐ Closing
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June 15
Welcome to Day 2
Element: EARTH - Focus area: Earthquakes/tsunamis

☐ Coffee, continental breakfast
☐ Wiki reflection, questions
☐ Take barometer reading
☐ Learn from the expert: earthquakes
  – UNCP physical sciences faculty: Byron Straw
  – Morning break
☐ Library of Congress historical case study
  – San Francisco Earthquake – 1906
☐ Lunch – Holmes dining hall
☐ Immediate aftermath: Preparedness activity plan
☐ Hands-on science: earthquakes: force and magnitude
  – Afternoon Break
☐ Creating an Assessment
☐ Credit forms completed
☐ Reflection/Computer time
  – Closing – Includes registration forms and credit details
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June 16
Welcome to Day 3
Element: WATER, FIRE
Focus areas: Floods, volcanoes, recurring themes

☐ Coffee, continental breakfast
☐ Reflect, check barometer reading, logistics, Reveal slide show
☐ Learn from the local expert: case study ~ Armero tragedy
  - Bruce Feinberg. Bureau of Reclamation
  - Morning break
☐ Evaluate non-fiction books on natural disasters
☐ “Red bag” lunch and ice cream sundaes
☐ Library of Congress historical view and theme sort
☐ Primary Sources:
  - the facts, the reports and the stories of natural disasters
☐ Individual work time
  - includes individual break
☐ Lesson plan outline due
☐ Fitting in all together – how will I use this in my class?
☐ Closing – online evaluation, drawing