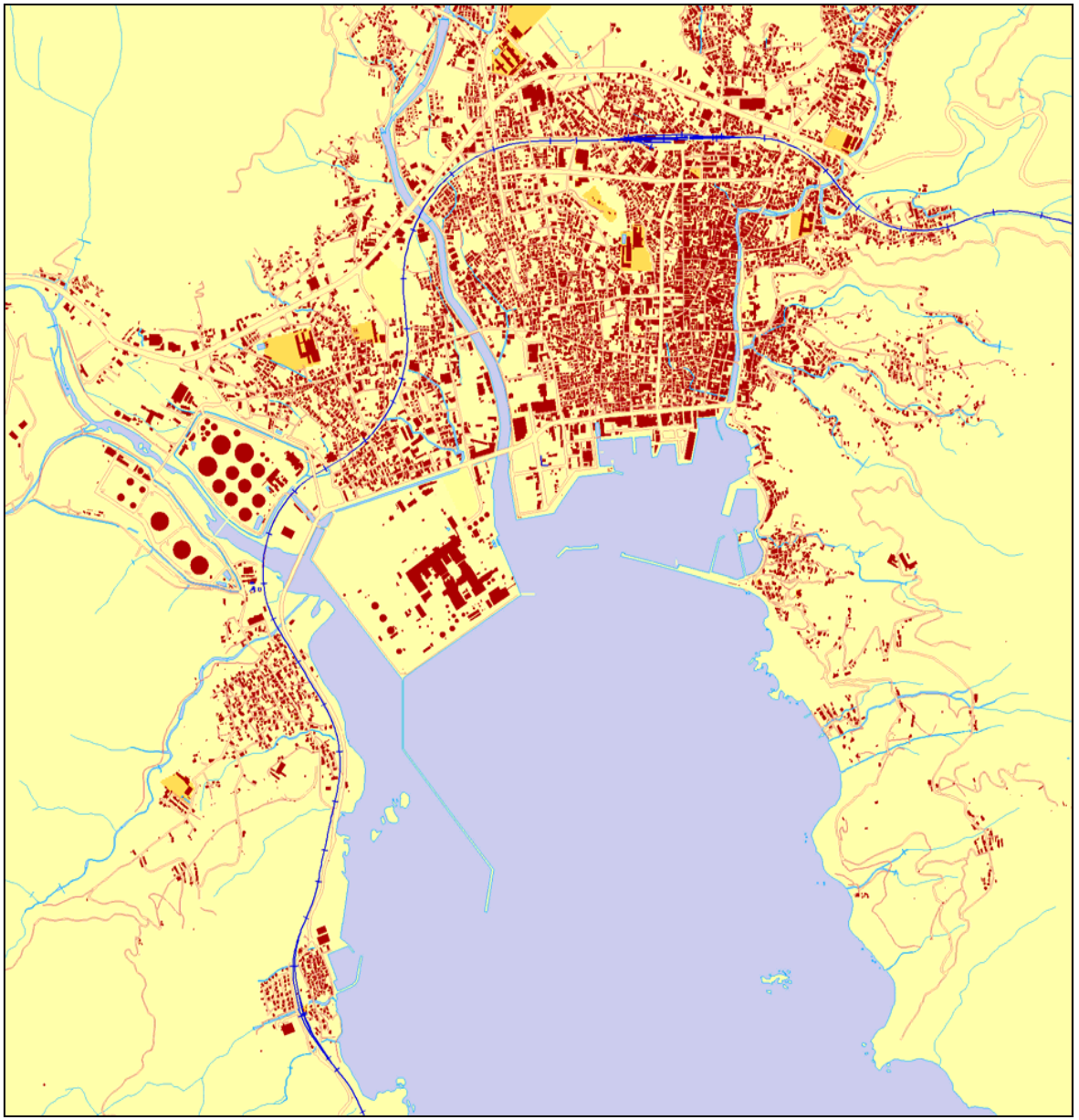
Current Research Activities

- Simulation Models for Information Transmission and Evacuation (Katada)
- Decision Making and Response (Lindell)
- Economical Impacts (Borrero)
- Tsunami Warning System (McCreery)
- Tsunami Forecasting (Gonzalez)
- TWEAK (Hansen)
- Integration of Hydrodynamic Models (Lynnett)
- Community Computational Portals (Pancake).
- Seismic/Tsunami Construction (Walsh)
- Tsunami Structure Interactions (Liu, Yim)
- Landslide Generated Tsunamis (Fritz, Liu)
- Tsunami Soil Interactions – Scour (Yeh)
- 3-D tsunamis (Yeh)

Virtual Coastal Community

- Bathymetry
- Topography
- Coastal Infrastructures
- Residential Buildings
- Population
- Land-Use Information
- Geotechnical Data
- Vegetation
- Societal Data



Agenda: ***October 30, Saturday***

7:00 - 7:50:	*Breakfast*
8:00 - 8:10:	Review of Friday's discussions/presentations
8:10 - 8:30:	Revision of the workshop objectives, if any
8:30 - 9:50:	Strategies to advance and sustain scenario simulation activities
9:50 - 10:10:	*Coffee*
10:10 - 11:50:	Short-team and long-term concrete road maps and formation of the working group
11:50 - 12:15:	Wrap-up
12:15 -1:00:	Lunch

Discussion

1. What are the minimum functions required to support integration of various simulation models?
   - How much effort; support; how?

2. What are the rewards by participating in the scenario simulations? Why should I spend my time and effort ?

3. What are the ideal programs to develop and maintain the integrated scenario simulation activities?
   - How much effort; support; how?

4. Can multi-sponsors (e.g. NSF, NTHMP, NIST

5.) support this sort of activities coherently? If so, what can we do?
   - development & implementation? Initiative?
   - Can this activity be considered as a NEES Grand Challenge?

Agenda for the Workshop

- **How can we encourage the participation?**
- **How can we support the core activity?**
  - Provide and maintain complete data available for virtual coastal community
  - “Scenario manager” is able to identify a particular disaster scenario
  - Modelers download data as input to their simulations; the data can be initial data, or might be the results of a prior step in the modeling pipeline
  - Results are uploaded back to the shared site and disseminated
  - Entire system will be developed as a framework: so it can be adapted to other coastal communities, real or virtual.