Visualizing and accessing tsunami pedestrian-evacuation modeling results via the web

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Kevin Henry
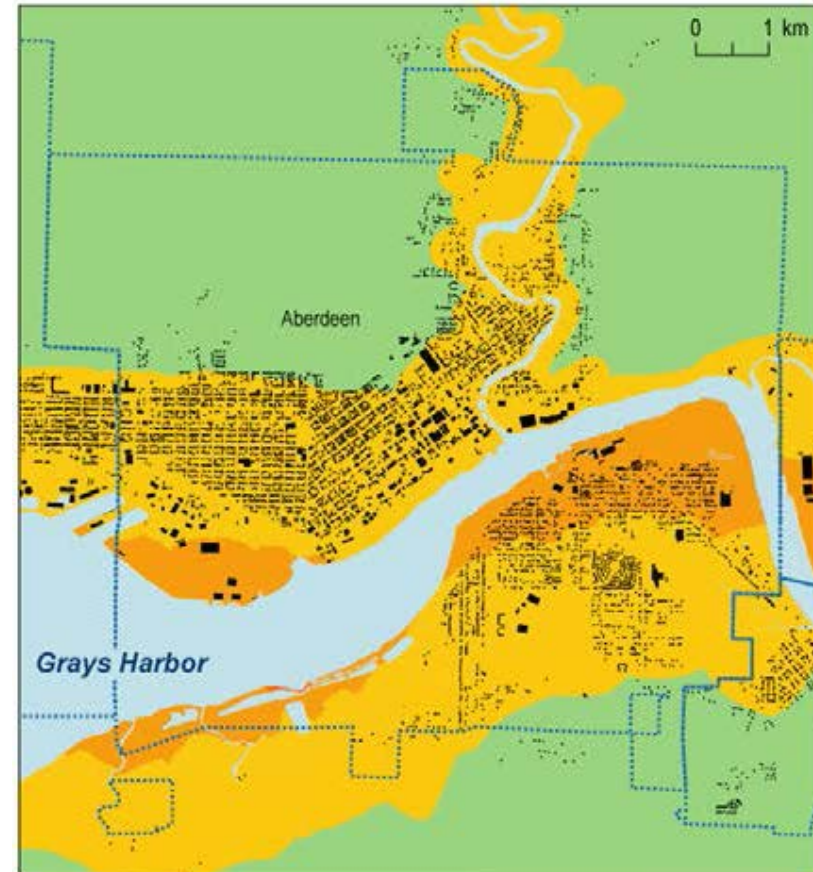*Nathan Wood*
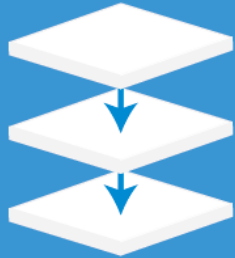*Jeff Peters*
Western Geographic Science Center
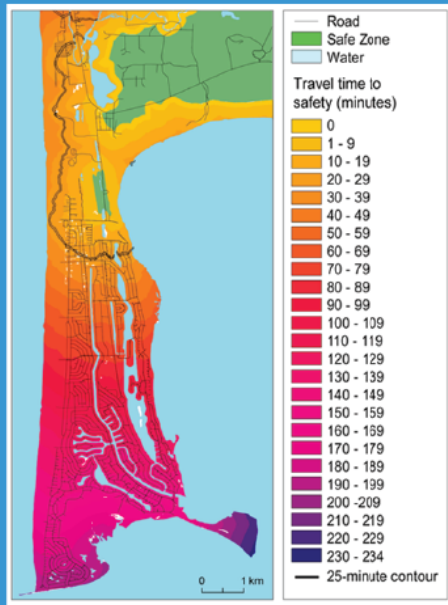
U.S. Department of the Interior
U.S. Geological Survey

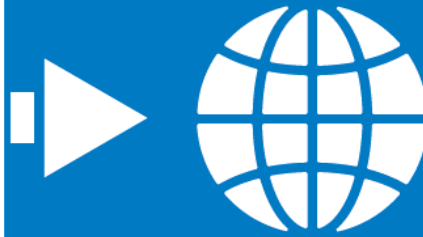# A DATA MANAGEMENT AND VISUALIZATION FRAMEWORK FOR COMMUNITY VULNERABILITY TO HAZARDS

Potential Application Framework to show evacuation-modeling results

Parameters

Travel Speed
- Slow Walk
- Fast Walk
- Run (to be added)

Bridges
- In service/out of service

Above parameters adjust the dataset to be displayed on the map

Evacuation Delay
Adjusts legend to account for extra time

Population Exposure
Displays exposed population totals in 3d grid or lattice