

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

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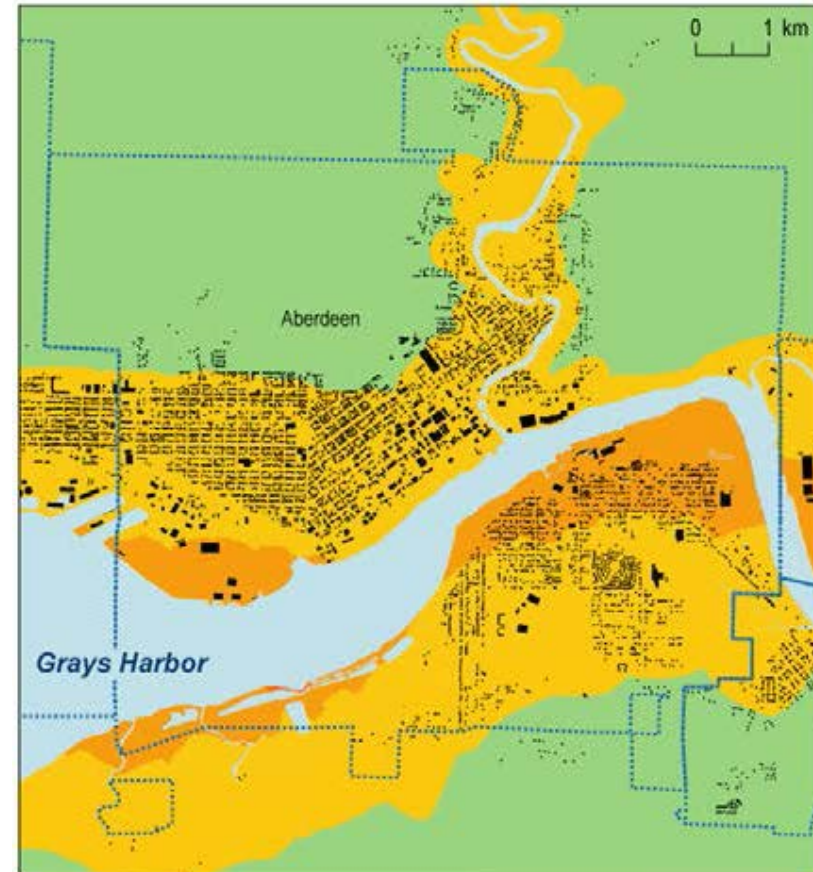
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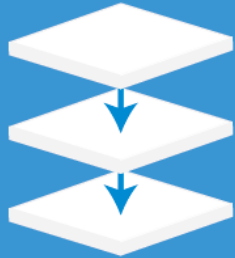
U.S. Department of the Interior

U.S. Geological Survey

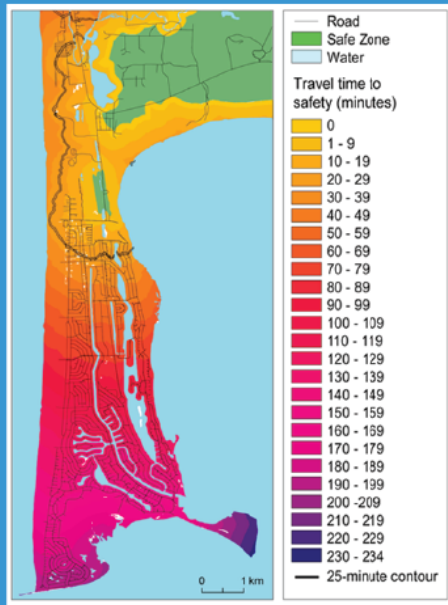


A DATA MANAGEMENT AND VISUALIZATION FRAMEWORK FOR COMMUNITY VULNERABILITY TO HAZARDS

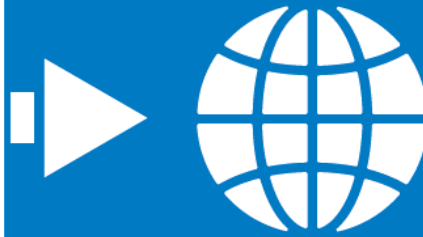
SCIENCE DATA LIFECYCLE



ANALYTICAL OUTPUTS



KNOWLEDGE MANAGEMENT



WEB SERVICES



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



California Earthquake
Clearinghouse

APPLICATIONS



WEB APPLICATION



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

