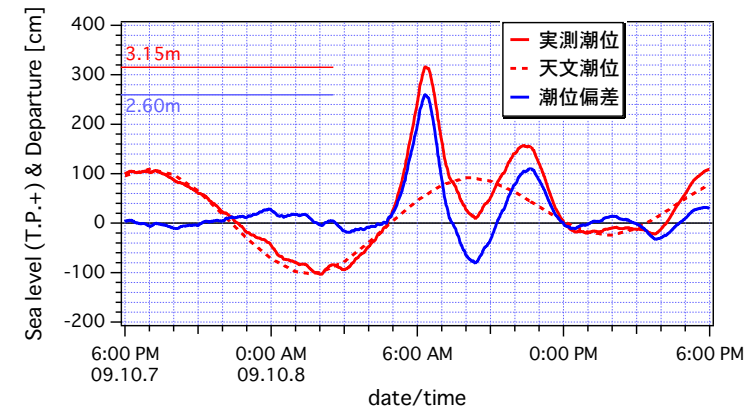


Graduate School of Engineering, Division of Global Architecture

Laboratory of Social Systems Studies, Land Development and Management Engineering Area

Main Topics of Research

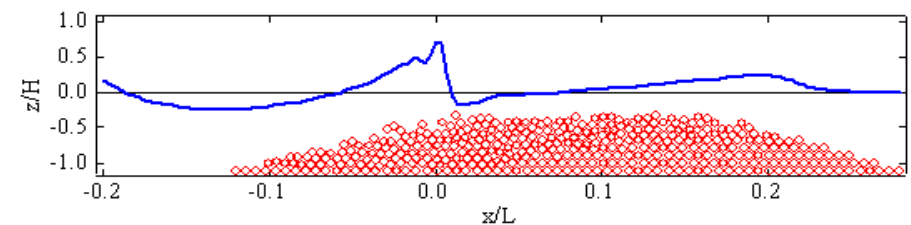
1. Sediment transport and sediment management in coastal zone.
2. Effects of sand dredging on shoreline retreat.
3. Tsunami disaster prevention in harbors.
4. Dynamic response and performance of coastal structures.
5. Hydrodynamics and water quality around tidal flats.
6. Tsunami monitoring by local remote sensing.
7. Tsunami fluid force acting on a bridge.
8. Storm surge propagation in a bay.



Storm surge observed in Mikawa Bay in 2009



Experiment on measuring tsunami fluid force on a bridge



Numerical simulation of rubble mound deformation

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