

Disaster simulations and visualization/analyses of simulated results

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Outline

Numerical simulations have been developed as essential tools for design of infrastructures and disaster risk assessment. This lecture aims to study a cutting edge numerical simulation and utilization of simulated results. Seismic responses of structures in Sendai city will be simulated, and obtained results will be visualized and analyzed to create new values. Students will deepen understanding of disaster simulations though this lecture.

