

Grand Challenge Research on Recent Development of On-Site Earthquake Early Warning System for Taiwan

By

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- Minimization of the calculation time of the earthquake early warning system.
- The development and of low-cost on-site earthquake early warning system.
- Develop the rapid-estimation of structural response with limited information.
- Integrating the on-site earthquake early warning system to the structural control system.
- Connecting the on-site earthquake early warning systems in different sites, and generate a EEWS network to get more warning time.