Real-time monitoring of crustal deformation

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Japan Meteorological Agency is equipped with the new computer system to monitor crustal deformation, earthquake and tsunami. One of the purposes of this system is to detect precursor of the Tokai earthquake quickly and automatically. We introduce the stacking method (Miyaoka, Yokota, 2012) and the new idea which reduces 'ghosts', artificial changes of stacking data. The new system helps us to detect anomalous changes of plate boundary earlier.

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