

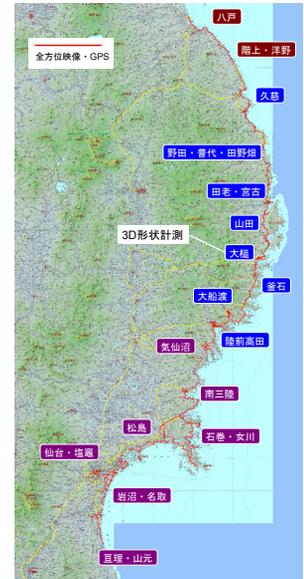
Consecutive Panorama Archiving and 3D Digital Archiving of the Disaster Area of the Great East Japan Earthquake

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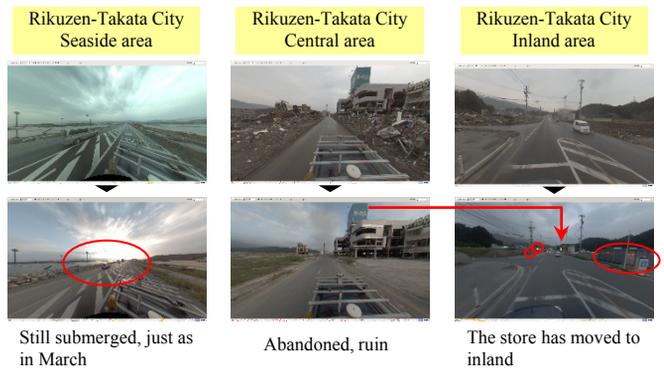
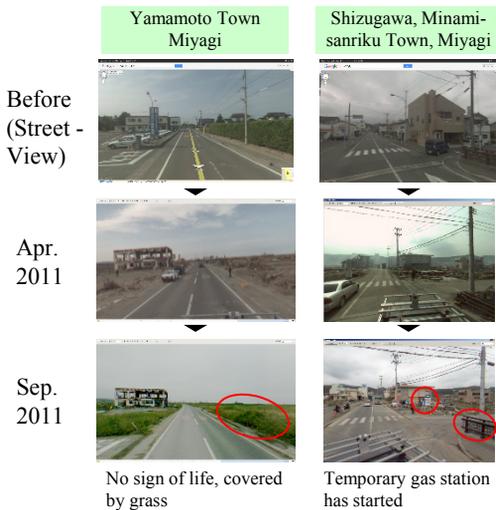
The Great East Japan Earthquake brought serious damage in extensive area. It is valuable for reconstruction and disaster prevention to survey and record the situation of the damage in detail.

We recorded 360 degree panoramic video by our sensing vehicle along the coastal road from Miyagi to Aomori, for more than 600 km. The first mission was sent just 40 days after the earthquake, and followed up every year until now. We created a prototype system to experience the disaster area using virtual reality goggles, for preventing the important memory from vanishing and for contributing to disaster prevention education.

Also, in April and May 2013, in collaboration with Otsuchi Town, we precisely recorded the whole 3D structure of the broken town hall using laser range scanners and our software, where so many people passed away by the large Tsunami. The hall will be demolished except the front area, after deep discussion to preserve or to demolish, based on the complex feeling of the local citizens. We can utilize our 3D data so that one can selectively see or not to see the hall. The detail policy will be discussed with Otsuchi Town.



Panorama Video Archiving



3D Archiving of Otsuchi Town Office

