Applying waveform correlation to aftershock sequences using a global sparse network

U.S. DEPARTMENT OF ENERGY

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NNSA
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Defense Nuclear Nonproliferation

The Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) invited experts to participate in evaluating methods to improve earthquake aftershock processing. Best performing methods will influence prototype algorithms for re-engineering the IDC.
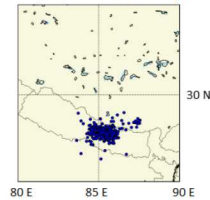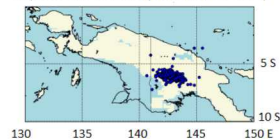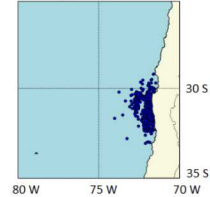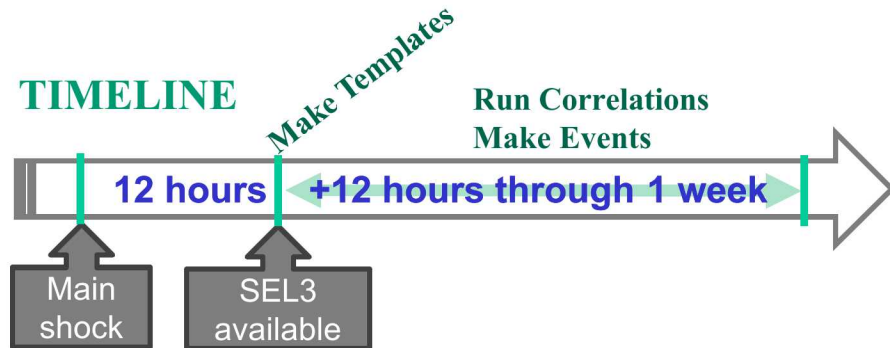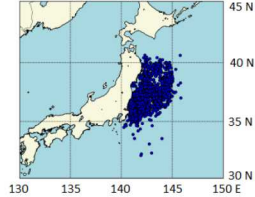

Initial results from applying SNL's SeisCorr waveform correlation system to the Nepal 2015 aftershock sequence are encouraging, but the research challenges are highlighted.

Poster 4

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