

## SPECIAL SECTION

### Fault Displacement and Near-Source Ground Motion Models for Hazard Assessment and Engineering Practice

Guest Editors: Luis A. Dalguer, Steven M. Day, Gail M. Atkinson, and Rui Chen

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### ON THE COVER

Displacement map of a portion of the faults that ruptured in the 2019 Ridgecrest, California, earthquake sequence, made from correlation of optical images taken before and after the earthquakes by the WorldView and Pleiades satellites. The image shows the east-west component of motion, with the area to the left of the faults having a westward component of motion. The figure is modified from one in the paper in this issue by Antoine *et al.*, which used satellite image correlation to measure 3D near-fault surface displacements caused by the  $M_w$  6.4 and  $M_w$  7.1 Ridgecrest earthquakes at 0.5 m ground resolution. The paper is part of the special section on fault displacement and near-source ground motion models.

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