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Call for Papers

Special Collection on “February 2023
Türkiye Earthquakes”



On February 6, 2023, two earthquakes with M7.8 and M7.5 occurred in Southeastern Türkiye, only hours apart, and were accompanied by numerous significant aftershocks. The footprint of these events was unusually large, with complex source and site effects, which led to widespread damage and high fatalities across the region. ASCE OPEN invites submissions on multiple aspects of these large earthquakes, which include but are not limited to:

- Seismological observations, including source and ground motion characterization, seismic hazard assessment, ground motion modeling and simulations;
- Geotechnical earthquake engineering studies on ground observations, site characterization, site response modeling, and liquefaction;
- Structural engineering studies on predictive modeling, estimation of damage and losses, observed structural and non-structural system and component characteristics and failures, and fragilities; detailed forensic reports on individual/similar structures;
- Seismic retrofitting;
- Seismic performance of lifeline systems, industrial facilities, and critical structures;
- Post-event damage assessment methodologies, including field reconnaissance quantified engineering data gathering missions and findings, remote sensing and machine learning approaches;
- Examination of existing seismic design code provisions;
- Studies on disaster management and recovery efforts;
- Social and economic impact studies.

continued on reverse

ASCE OPEN: Multidisciplinary Journal of Civil Engineering



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Data and metadata papers are also encouraged.

ASCE Open publication fees will be waived for articles accepted for publication. Submissions to this Special Collection will remain open until December 31, 2024. Accepted papers will be published on a rolling basis.

Submission Guidelines

1. Please submit your manuscript via the *ASCE OPEN: Multidisciplinary Journal of Civil Engineering* website: <https://www.editorialmanager.com/jrnaoeng>
2. Once on the Editorial Manager website, please indicate that your paper is for the special collection “February 2023 Türkiye Earthquakes”
3. Detailed information on the submission process is provided in the document “Publishing in ASCE Journals: A Guide for Authors” available at <https://doi.org/10.1061/9780784479018>