

# USGS Seeks Earthquake Hazards Research Proposals

## Applications due May 20, 2020

The U.S. Geological Survey (USGS) is currently soliciting project proposals for Fiscal Year (FY) 2021 grants on earthquake hazards science and is authorized to award up to \$7 million. Interested researchers can apply online at [GRANTS.GOV](https://www.grants.gov) under funding Opportunity Number G20AS00042. Applications are due May 20, 2020.

The grants offered through the USGS Earthquake Hazards Program (EHP) are a long-standing effort that significantly contributes to the advancement of earthquake research. The Earthquake Hazards Program encourages submission of new ideas that would provide more accurate and timely earthquake information, better characterize earthquake sources, and reduce uncertainty in earthquake-hazard and risk assessments. USGS also seeks proposals that will help to mitigate earthquake losses and better inform the public about earthquakes and earthquake safety, such as earthquake early warning or other scientific efforts that will lead to reduced risk. The complete list of FY2021 EHP science research priorities is included in the grants solicitation found on [GRANTS.GOV](https://www.grants.gov).

Every year, the USGS invites innovative earthquake research proposals from colleges and universities, state and local offices, non-profit organizations, private institutions, unaffiliated scientists, engineers, and foreign organizations. Past funded grants projects include:

- Using a machine learning approach to investigate ground motion alerts for earthquake early warning;
- Evaluating outer-rise earthquake hazards from the Puerto Rico trench;
- Improving deformation and fault compatibility using earthquake simulators and next generation hazard models;
- Determining temporal characteristics of aftershock sequences in the Intermountain West;
- Determining earthquake hazard implications and deformation rate recorded by marine terraces above the Cascadia Subduction Zone; and
- Investigating the distribution of fault creep on San Francisco Bay area faults.

A [complete list of previously funded projects and reports](#) can be found on the USGS EHP external research support website.

For additional information, please contact:

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