

## Introduction to the Taiwan Earthquake Research Data Center (TECDC)

*Wen-Tzong Liang, Wen-Hui Lee, Hao-Te Chiu, Shu-Cheng Lin, and Po-Yu Chen*

Institute of Earth Sciences, Academia Sinica, Taiwan

The Taiwan Earthquake Research Data Center (TECDC) is primarily sponsored by the National Science and Technology Congress (NSTC) and hosted by the Institute of Earth Sciences, Academia Sinica since 2006. Its aim is to integrate all available seismological data to serve the entire Taiwan research community. The TECDC is dedicated to the development of web services for the data sharing of both existing, backbone seismic networks and research-based temporary seismic arrays, and also for the demonstration of research outcomes and data products derived from domestic scientific outputs. We have also designed various online activities to promote seismological education and outreach. The official web portal of the TECDC is accessible at <https://tecdc.earth.sinica.edu.tw>.



TECDC NSTC 國家科學及技術委員會  
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Home Station Data Seismicity Data Products Education Visualization | 繁體中文

### Welcome to TECDC

The TEC Data Center (Taiwan Earthquake Research Data Center) is aimed to provide users an integrated on-line web service for requesting data/information on earthquake research, education and outreach.

Taiwan Earthquake Research Data Center

### Latest Earthquake

<b>4.0</b>
2024-06-24 08:40:44 (UTC +8)
24.14 °N, 121.69 °E
7.4 (km)
<a href="#">More Earthquake Info.</a>

### Highlights

- Taiwan 3D tomographic models (TVM) web services are open to the public. Users are able to view the results in section profile, horizontal slices, or 1D models at assigned location. [see [Data Products](#)]
- Taiwan Archive Platform for Seismology (TAPS) archives waveform data collected from seismic experiments that were using TECIP instruments by domestic research teams. These datasets are open to domestic researchers. [see [Data](#)]
- Interactive seismicity plot and animation are available at TECDC. Both the latest reports and archived catalog are provided by CWA/GDMS. [see [Seismicity](#)]

Figure 1. Homepage of the Taiwan Earthquake Research Data Center (TECDC).

## REFERENCES

- Liang, W.-T. (2022). The Taiwan Earthquake Research Data Center (TECDC). *TEC Newsletter*, 36. [https://doi.org/10.30067/TECNL.202206\\_1\(1\).0003](https://doi.org/10.30067/TECNL.202206_1(1).0003)