

National center of earthquake prediction experiment in China

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China is one of the countries which have the earliest reports on earthquake-related phenomena. There are about 50-year continuous observation data in China up to now, which provides a valuable database for earthquake-related study. China is also a pioneer country for empirical earthquake prediction. Therefore, earthquake prediction experiment in China would be interested broadly by international communities of geosciences.

Although there had been some earthquake prediction experiments in China about 20 years before, due to the great debates in earthquake prediction and the discontinuity of funding support, all these earthquake prediction experiments are not on operation at the current stage. After the 2008 Ms8.0 Wenchuan earthquake in Sichuan, China, the Chinese government evaluated the situation of earthquake prediction and hazard mitigation. As the national agency of earthquake study, China Earthquake Administration (CEA) established the national center of earthquake prediction experiment in 2015, including sub-centers in Yunnan and Sichuan. The supporting institution of national center is Institute of Earthquake Science, CEA. The national center will provide an open, cooperative, dynamic platform for earthquake prediction research. We will summarize the main goal and task of the national center of earthquake prediction experiment in Yunnan and Sichuan, China. This study is supported by the National Natural Science Foundation of China (41574104).

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