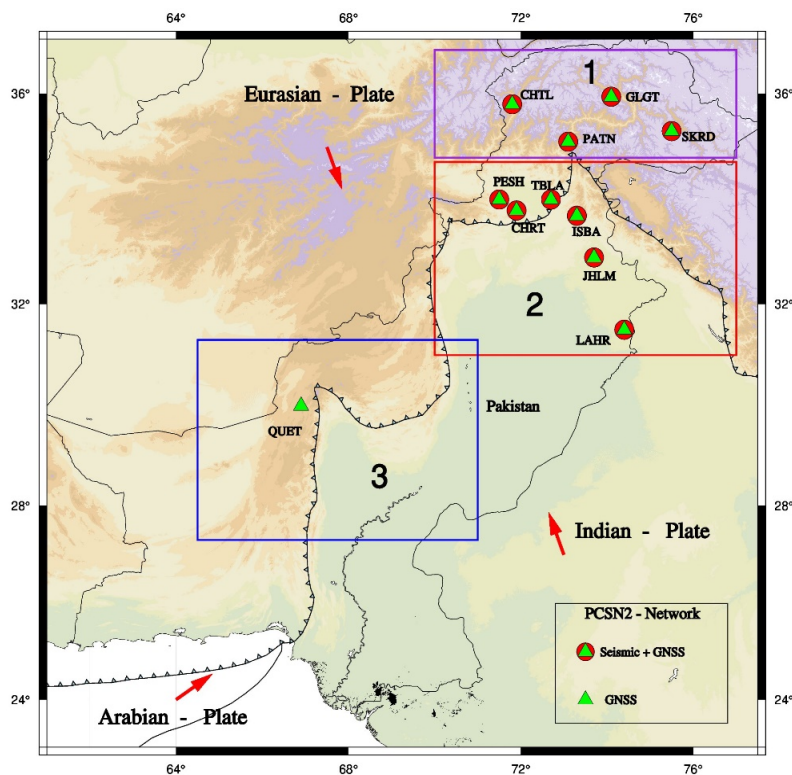




Pakistan-China Seismograph Network (PCSN): A Joint Project of China Earthquake Administration (CEA) & Pakistan Meteorological Department (PMD)

The Pakistan-China Seismograph Network (PCSN), a joint initiative of the China Earthquake Administration and the Pakistan Meteorological Department, has played a vital role in strengthening Pakistan's earthquake monitoring infrastructure. Under this project, a network of ten (10) broadband seismic stations and GNSS stations was successfully established and made operational, significantly improving the country's ability to detect, locate, and analyze seismic events. The project has also contributed to capacity development and technical enhancement within PMD.



In its second phase, the project has already delivered modern monitoring equipment, communication systems, GNSS units, and a central data facility, marking a key step toward network modernization. Moving forward, the focus will be on completing the installation of advanced instruments such as borehole seismometers, geomagnetic equipment, and strong motion sensors, along with further enhancing data integration, technical expertise, and collaborative research to ensure a more robust and efficient seismic monitoring system in Pakistan.