Indian Tsunami Early Warning System (ITEWS) is established by Indian National Centre for Ocean Information Services (INCOIS), under ministry of earth sciences. The ITEWS comprises a real-time network of seismic stations, tsunami buoys and tide gauges to detect tsunami genic earthquakes and to monitor tsunamis.

It detects globally occurring earthquakes of 5 magnitude and above within 5-10 minutes of the event. The system is capable of displaying ticket messages related to tsunami events and triggering of a built-in siren alert system audible for up to 1 km.