

# Geophysical Observation Networks and Data Distribution in Japan

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- Structure of Japanese Earthquake Studies

- Too complicated to explain!

- Coordination and evaluation of seismicity

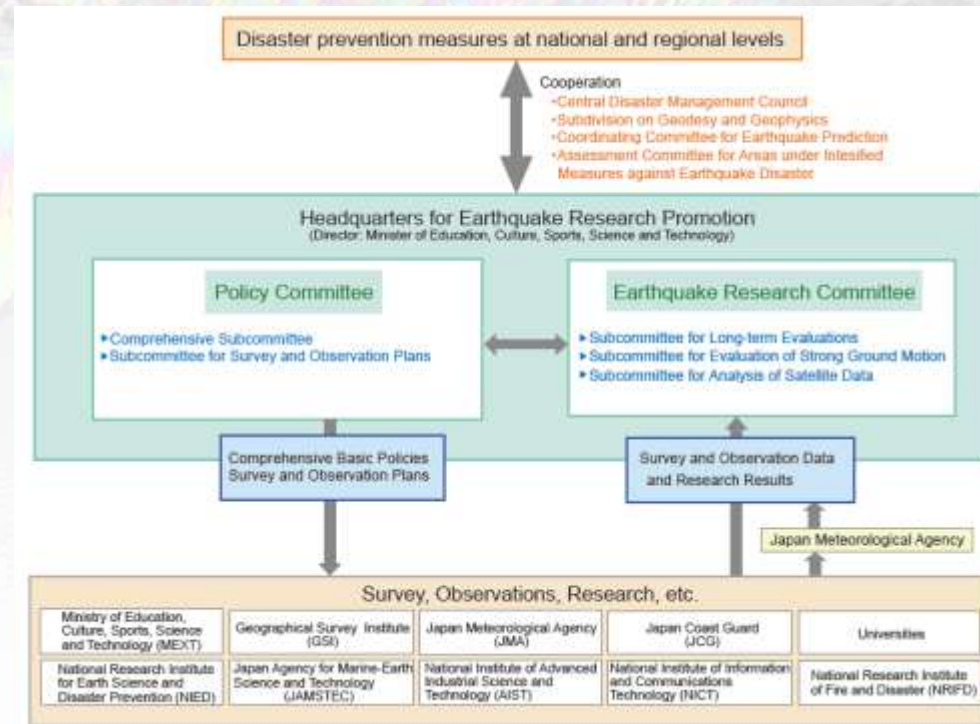
- Headquarter for Earthquake Research Promotion (based on a 1995 law)

- Operation and data analyses

- Related agencies

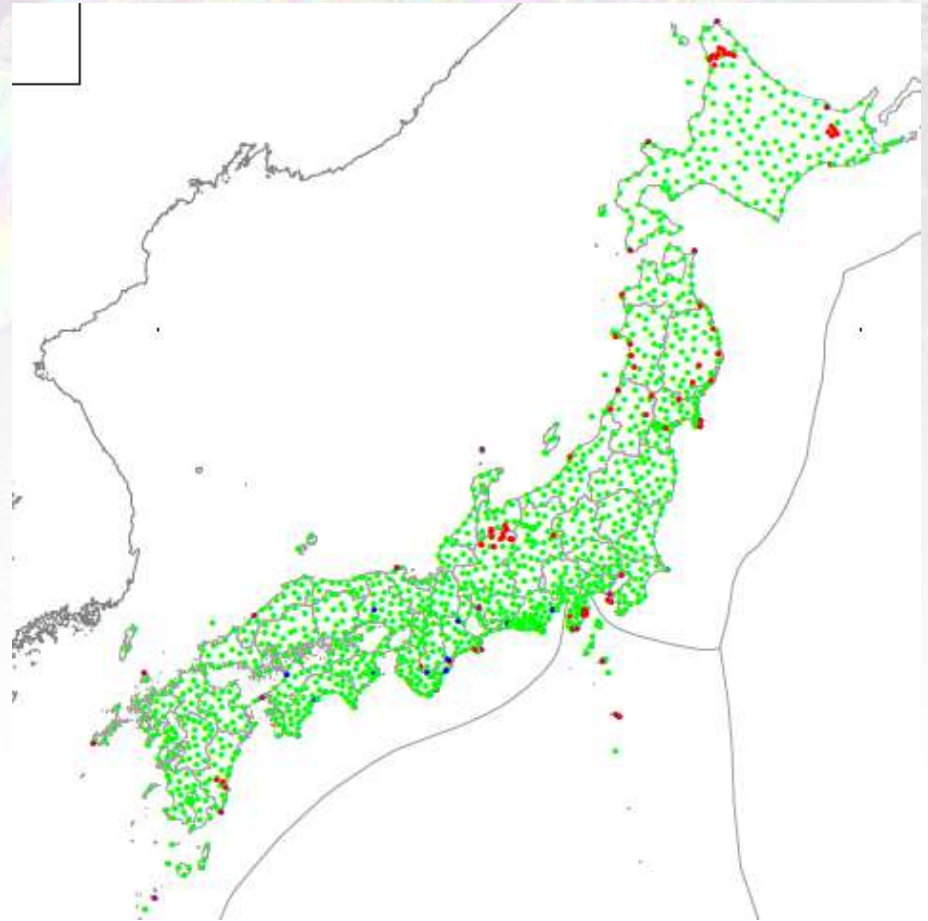
- Data dissemination

- Depends on data

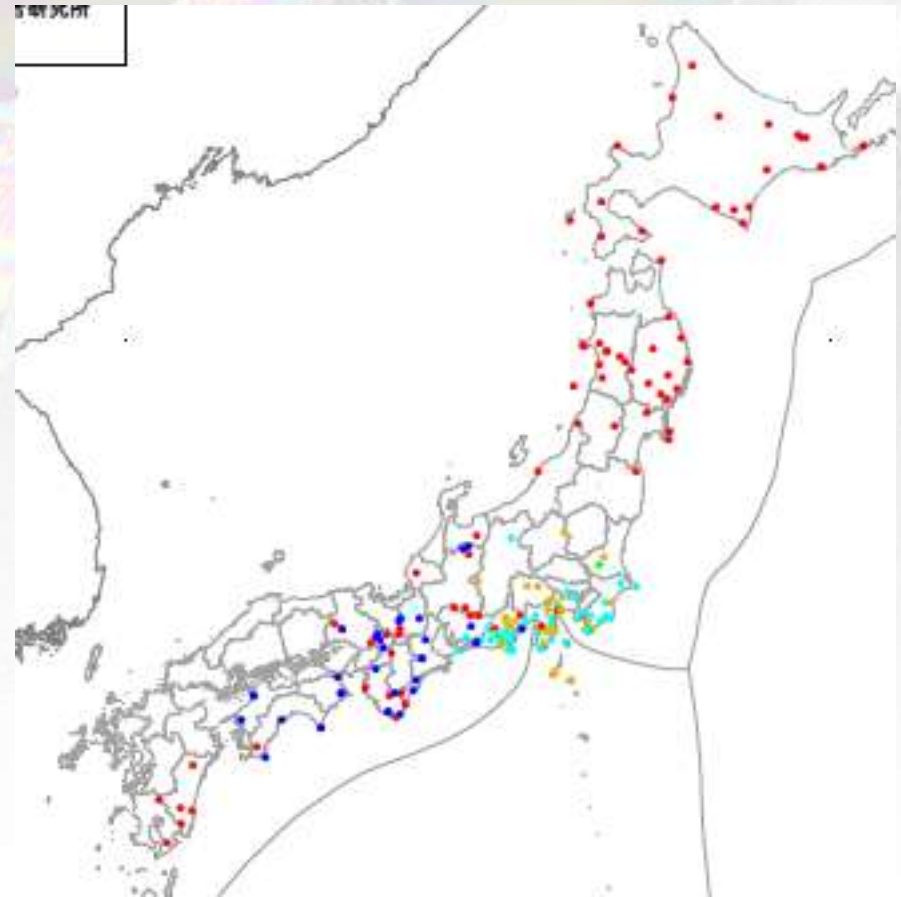


- Related agencies to the operation of networks and data distribution
  - Geospatial Information Authority (GSI)
  - National Research Institute for Earth Science and Disaster Prevention (NIED)
  - Japan Meteorological Agency (JMA)
  - Japan Coastal Guard (JCG)
  - National Institute of Advanced Industrial Science and Technology (AIST)
  - Universities
  - JMASTEC, JAXA, and Others

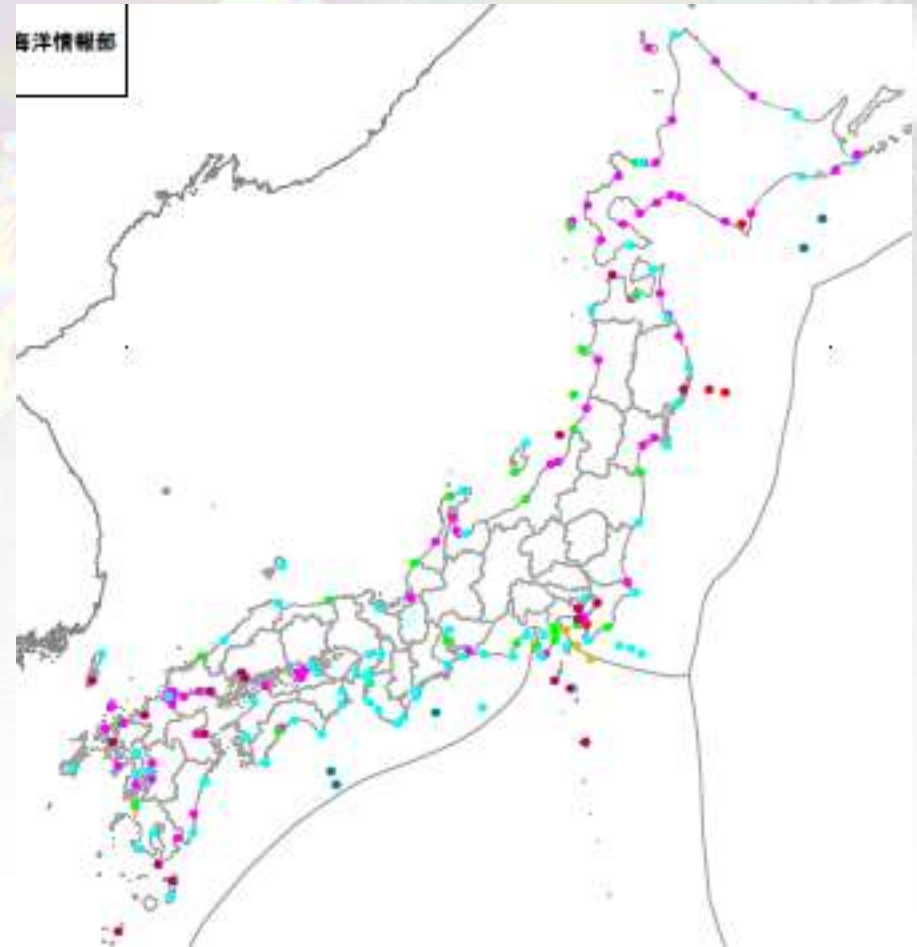
- GPS (1466)
  - GSI: GEONET (~1,300)
    - GSI: ~2yr data (30Hz)
    - 3<sup>rd</sup> party: 1Hz data, old data (30Hz)
  - JCG, AIST, Univ.
    - Contact directly



- Strainmeters(209)
  - JMA: strainmeters in Tokai
    - ???
  - NIED: strainmeters in Tokai and Kanto. Tiltmeters at Hi-net sites
    - Special contract
  - AIST, Universities, others



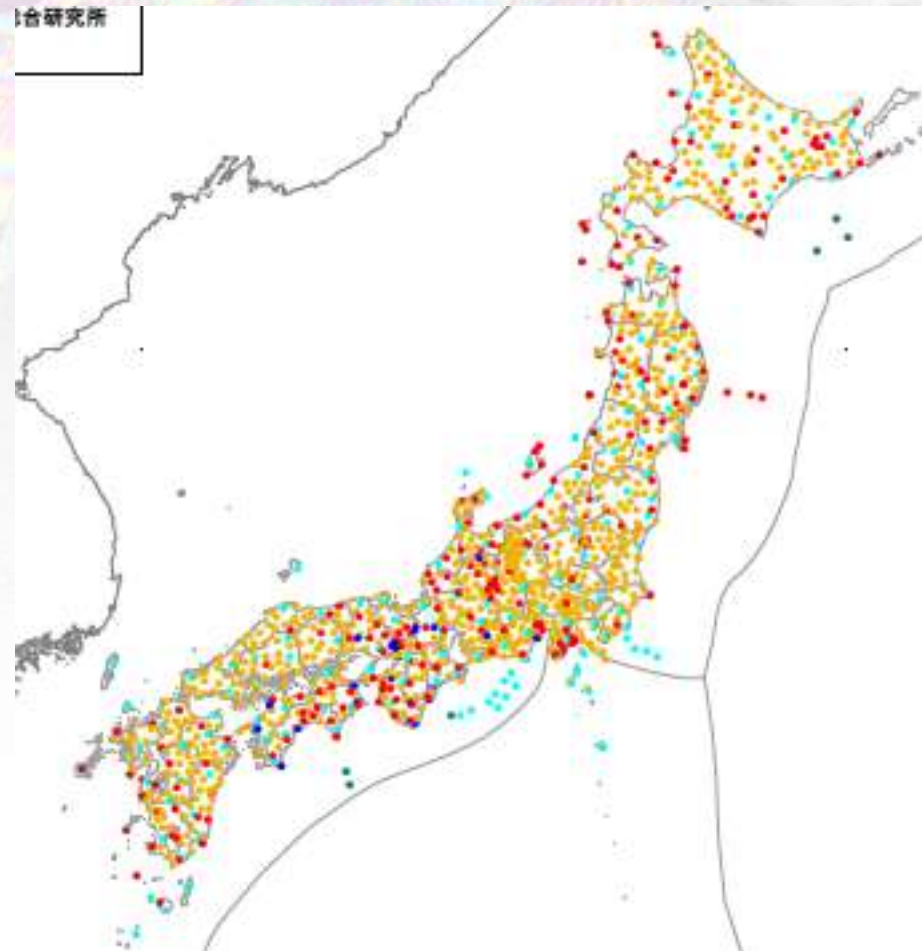
- Tide Gauge(207)
  - GSI, JCG, JMA
    - Monthly data: Disseminated by GSI
    - Daily data: Contact to each agency
  - PARI



- Ocean Bottom Geodesy (16)
  - JCG
  - Tohoku and Nagoya Universities

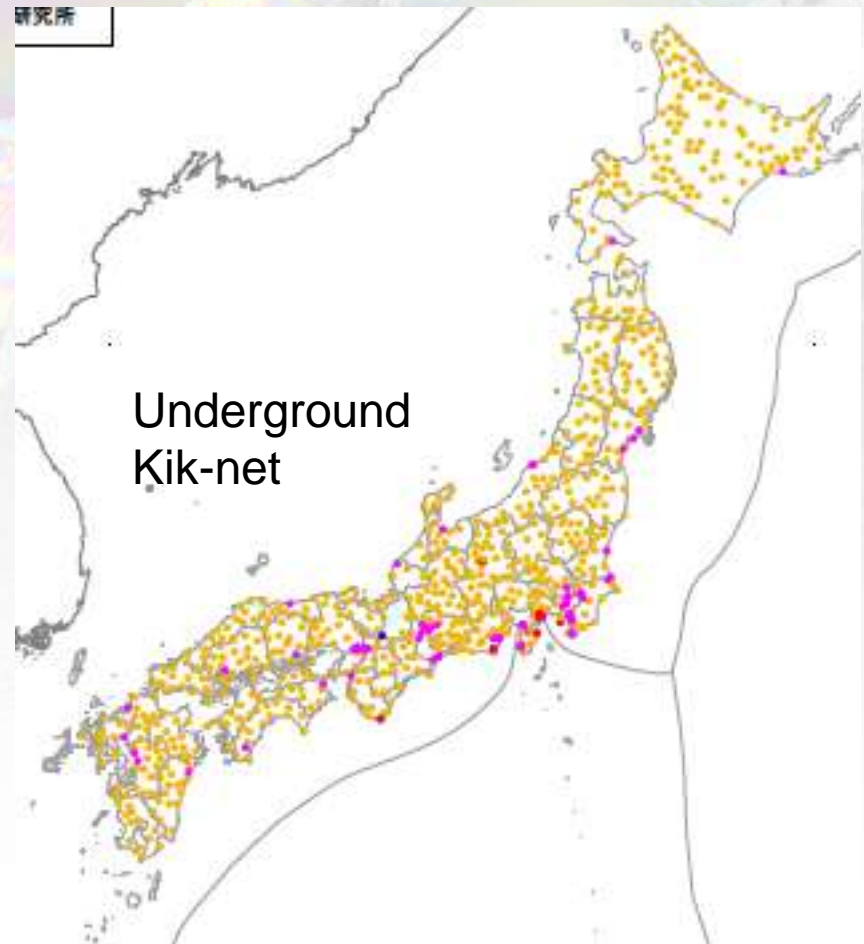


- Seismic Data(1266)
  - NIED: Hi-net
  - JMA, Univ.
    - All data are gathered and archived in NIED.
    - Official hypocenters are determined by JMA.





- Strong Motion(4526)
  - NIED: K-net, Kik-net
  - JMA
  - Others



The background features a top-down view of a satellite interferometry fringe pattern, showing a series of colorful, wavy lines (rainbow spectrum) that curve across the frame. The top portion of the image is partially obscured by a dark, multi-colored satellite image strip.

Future

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