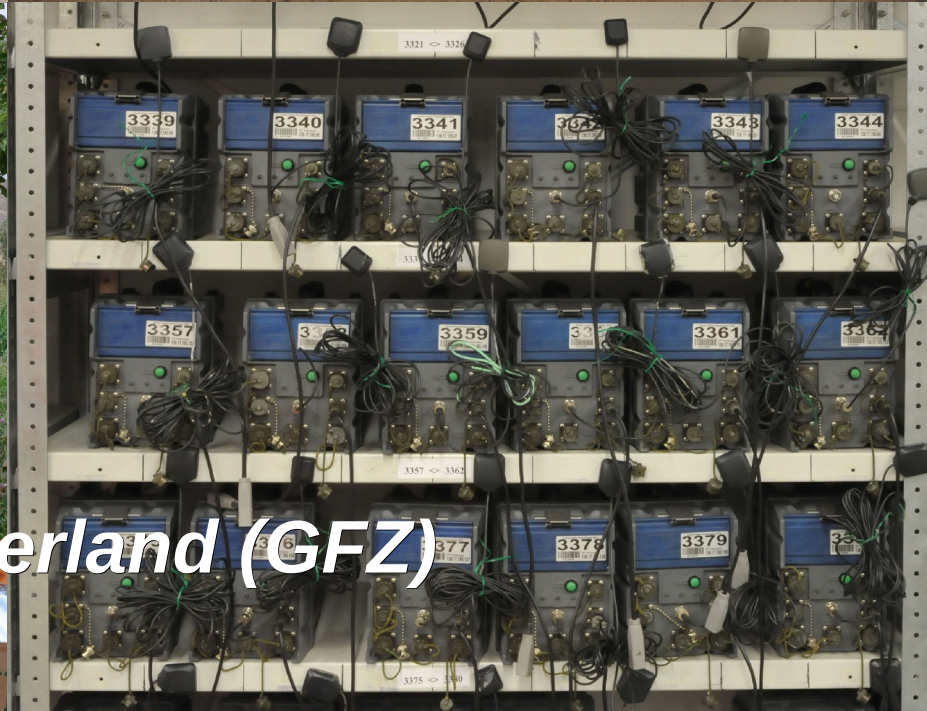


The Geophysical Instrument Pool Potsdam (GIPP)



Christian Haberland (GFZ)



Geophysical Instrument Pool Potsdam (GIPP)

- Instrument supply for academic research (free of charge)
- Seismological (earthquake + controlled source) and magnetotelluric recorders/sensors
- On-shore instruments of the „German Instrument Pool for Amphibian Seismology“ (DEPAS)
- Temporary deployments (typically <2 years)
- Transparent proceeding for supply on loan (proposal, evaluation)
- Instrument development; software development
- Data archival
- Since 1993; hosted at Section 2.2 „Geophysical Deep Sounding“ of GFZ

www.gfz-potsdam.de/gipp

GIPP: Seismological Equipment



96

350

Recorders



65

150



20

Short-period sensors



200

195



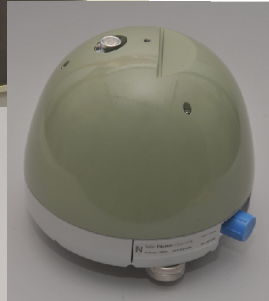
Broadband sensors



435



5

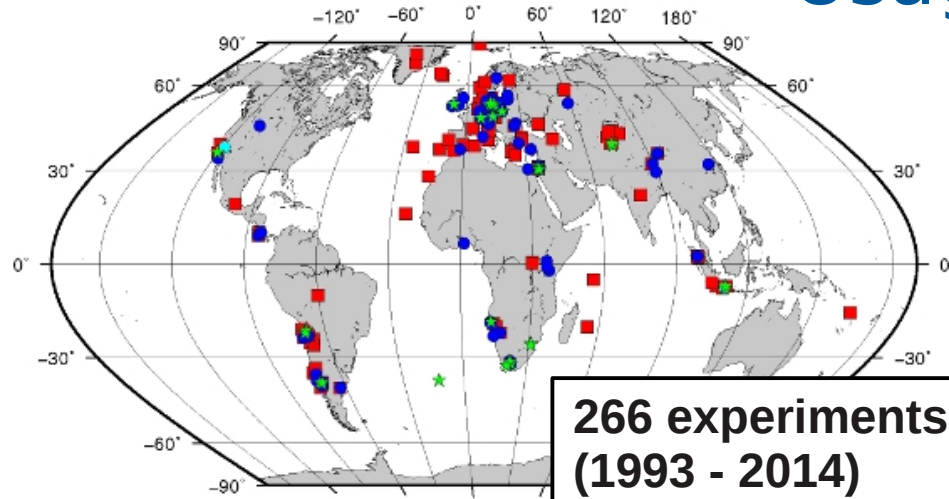


>185

Numbers of instruments in red

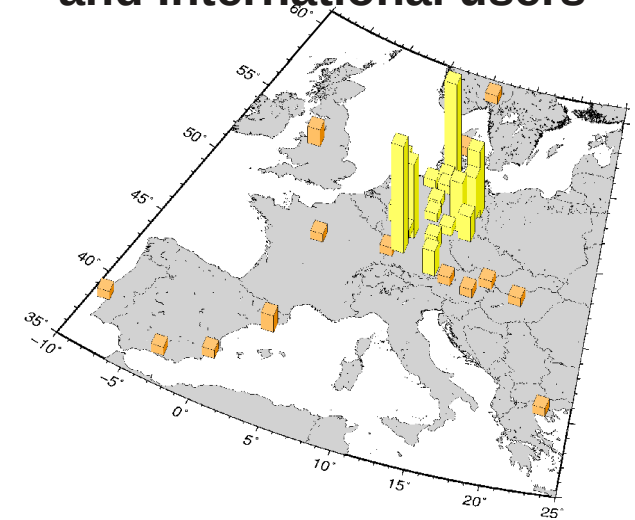


Usage

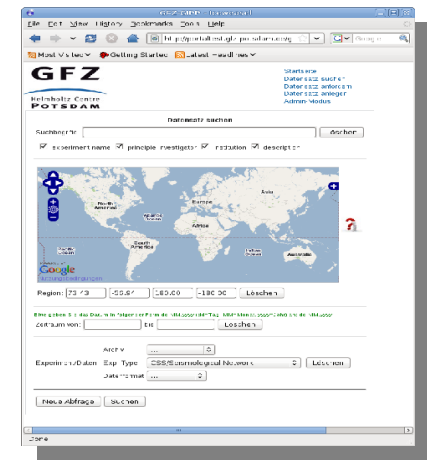


- Temporary seismic networks (passive)
- ★ Magneto-tellurics
- Seismics (active)
- other

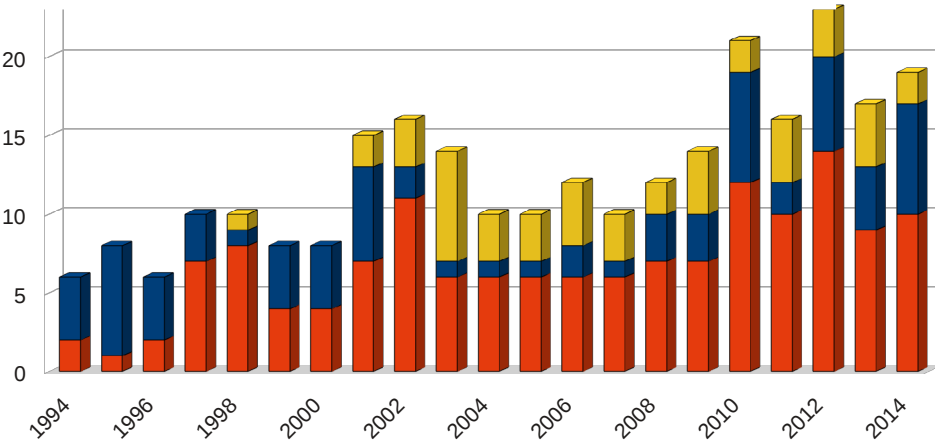
Experiments by German and International users



(Meta-) Data archive



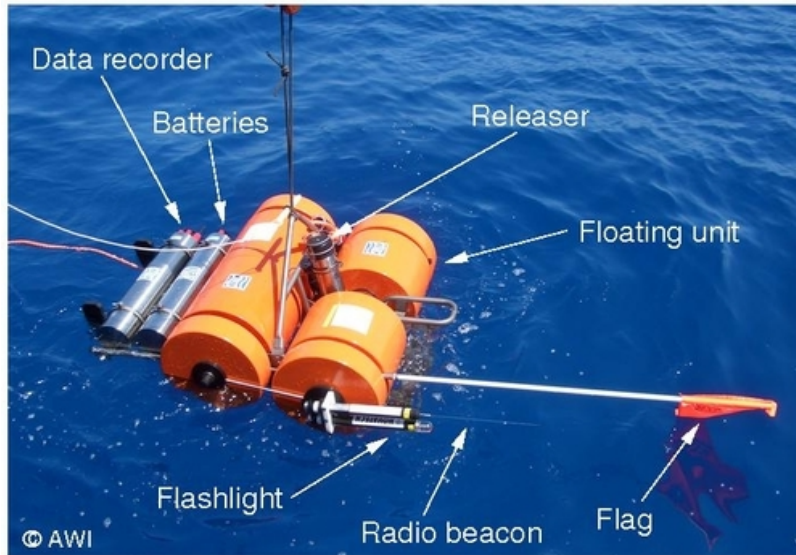
Number of new experiments / year



- ← MT
- ← Controlled source
- ← Temp. Nets

German Instrument Pool for Amphibian Seismology (DEPAS)

70 ocean-bottom seismometer (OBS) +
5 ocean-bottom hydrophones (OBH)



managed by the **Alfred-Wegener-Institut Bremerhaven (AWI)**

95 broadband land stations



maintained by GFZ-Potsdam

www.awi.de/en/go/depas