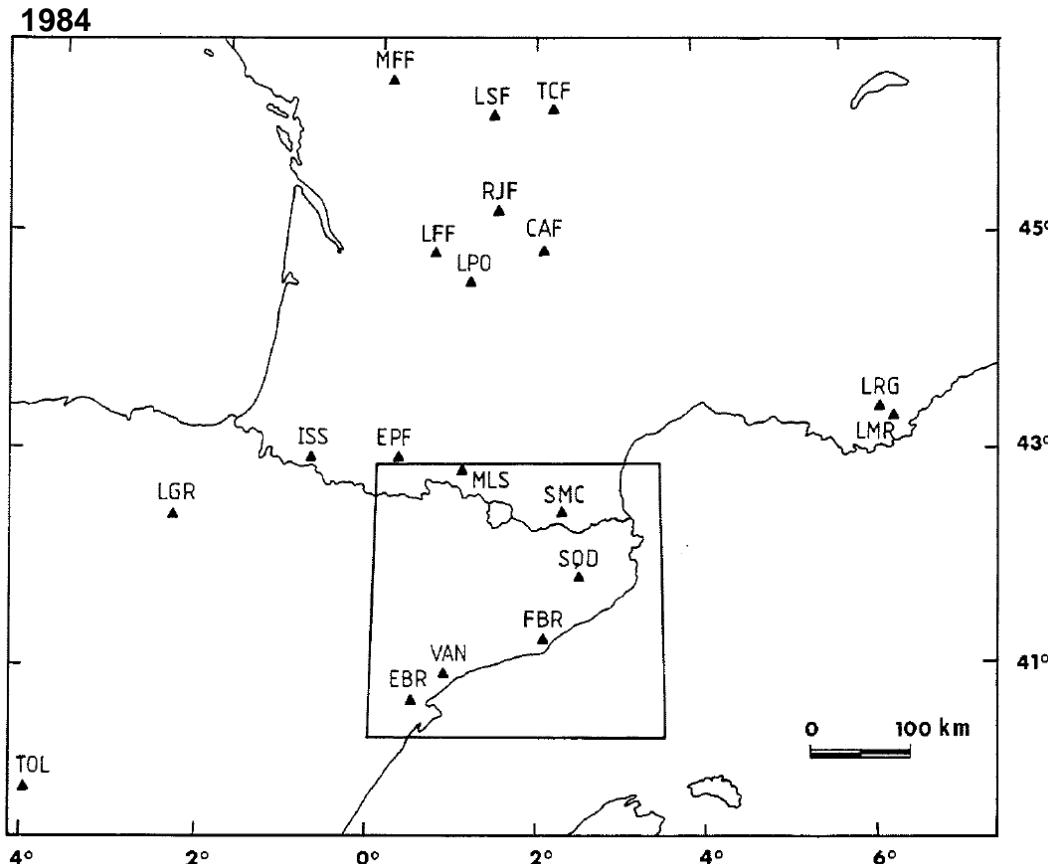
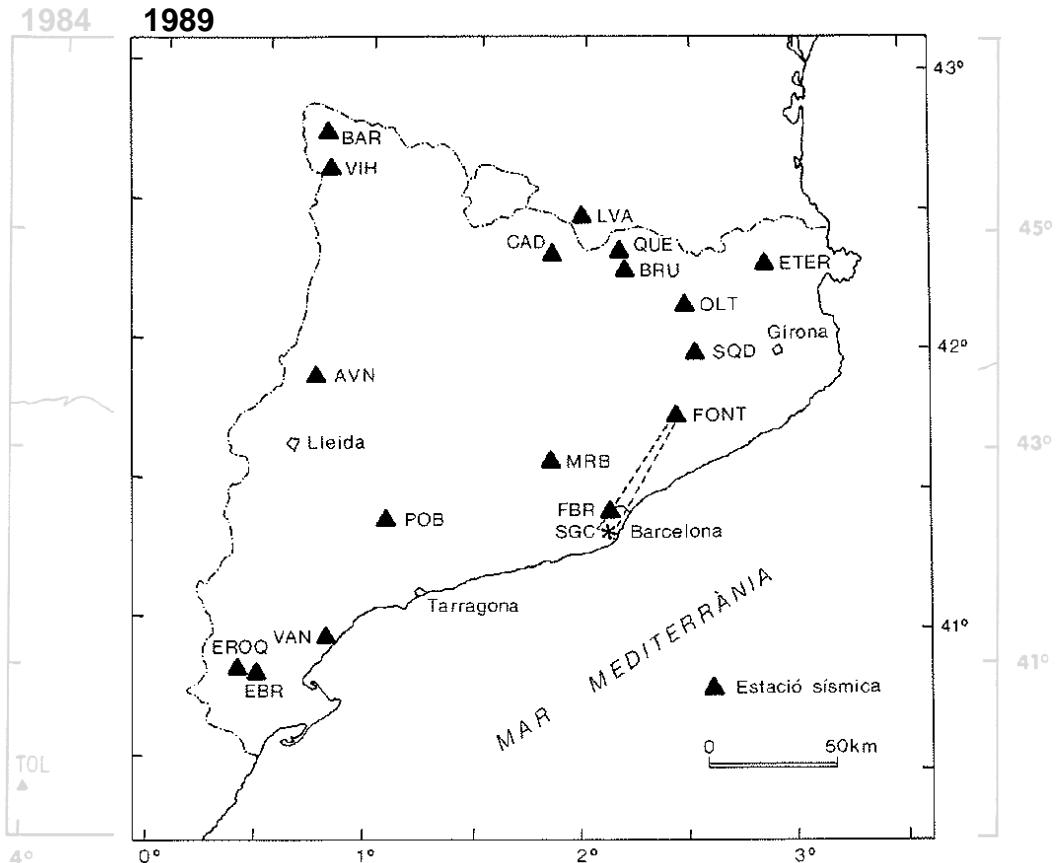


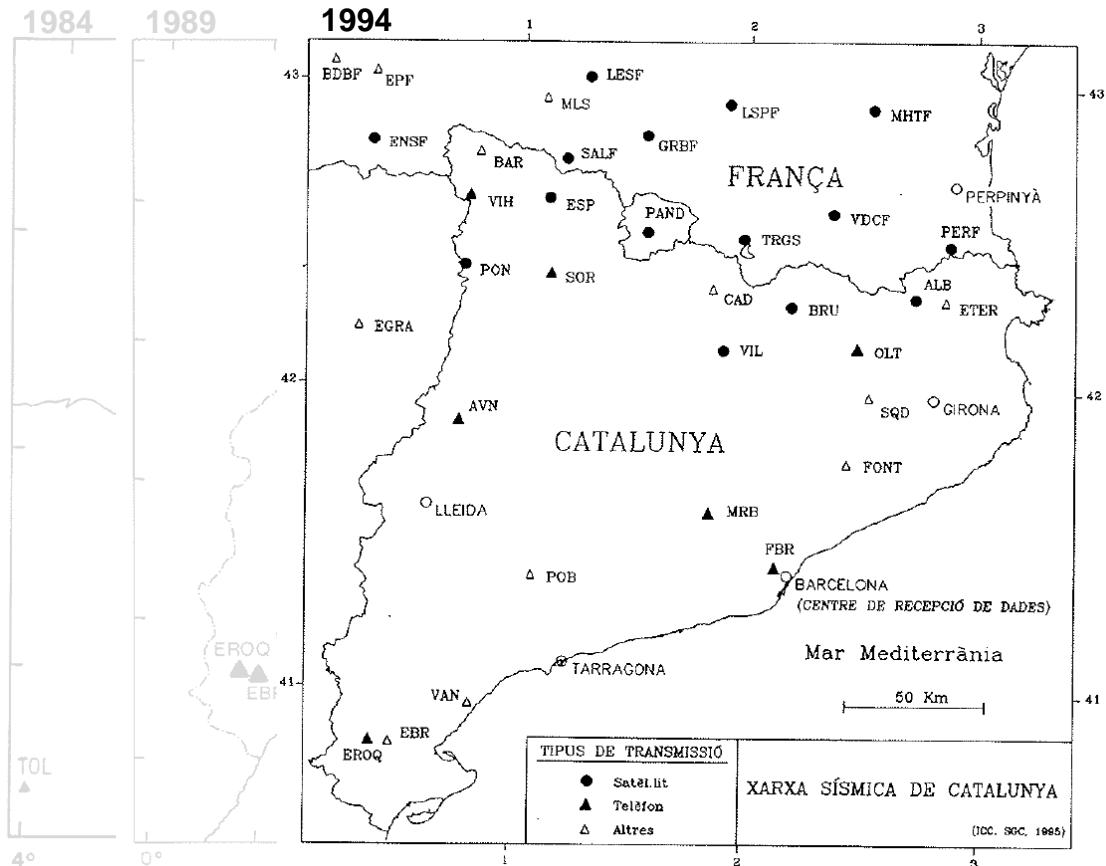
# EIDA Iberian Meeting

## Catalan Seismic Network (CA)

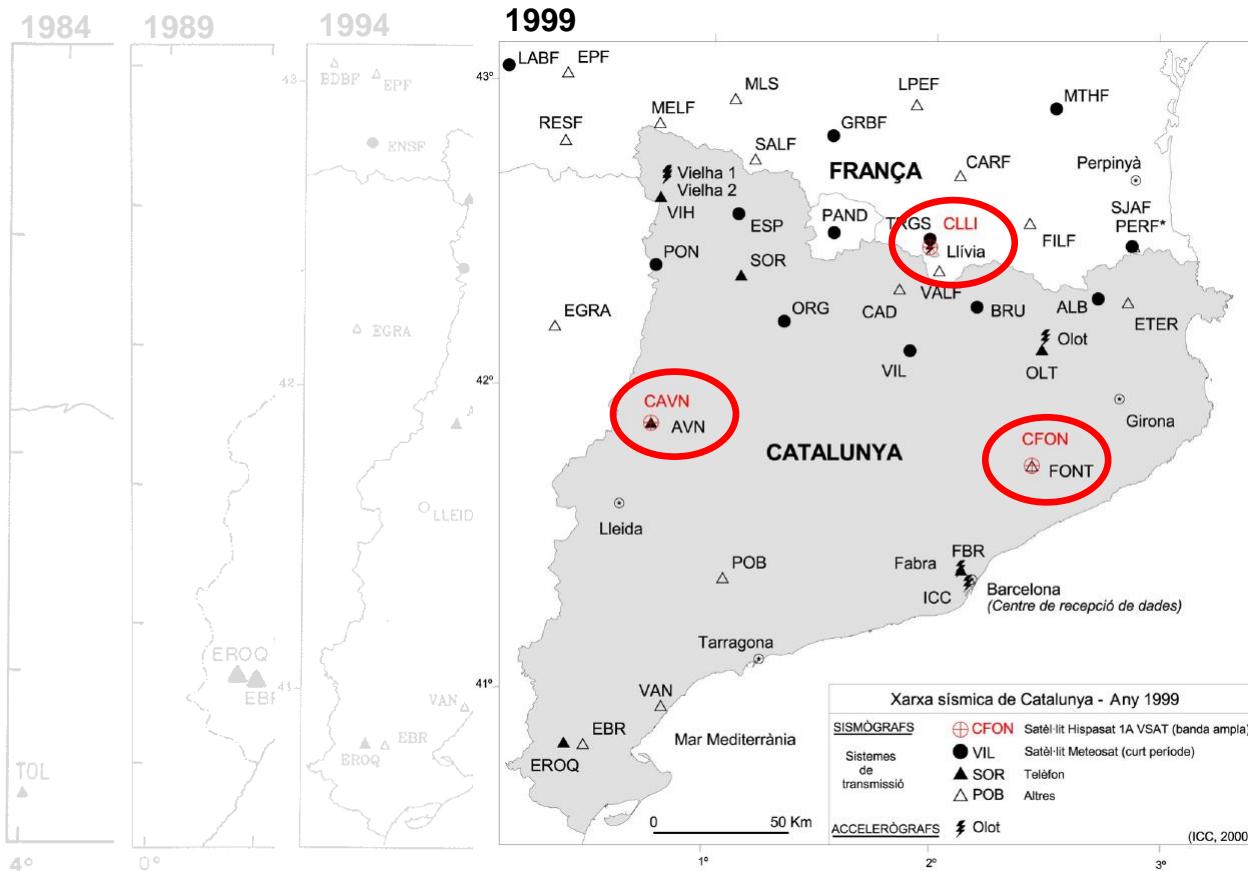
Madrid, March 8, 2018



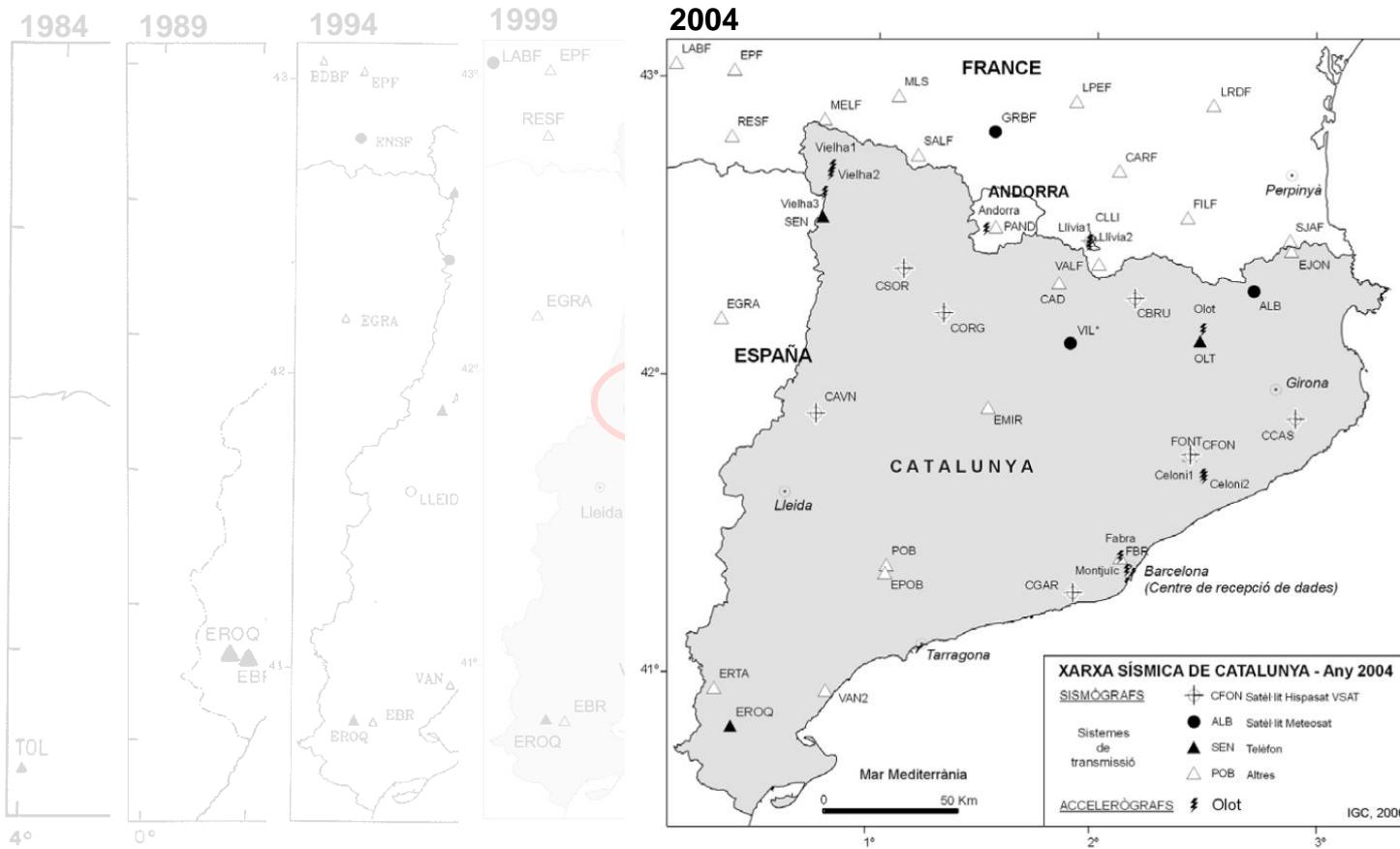




# Catalan seismic network

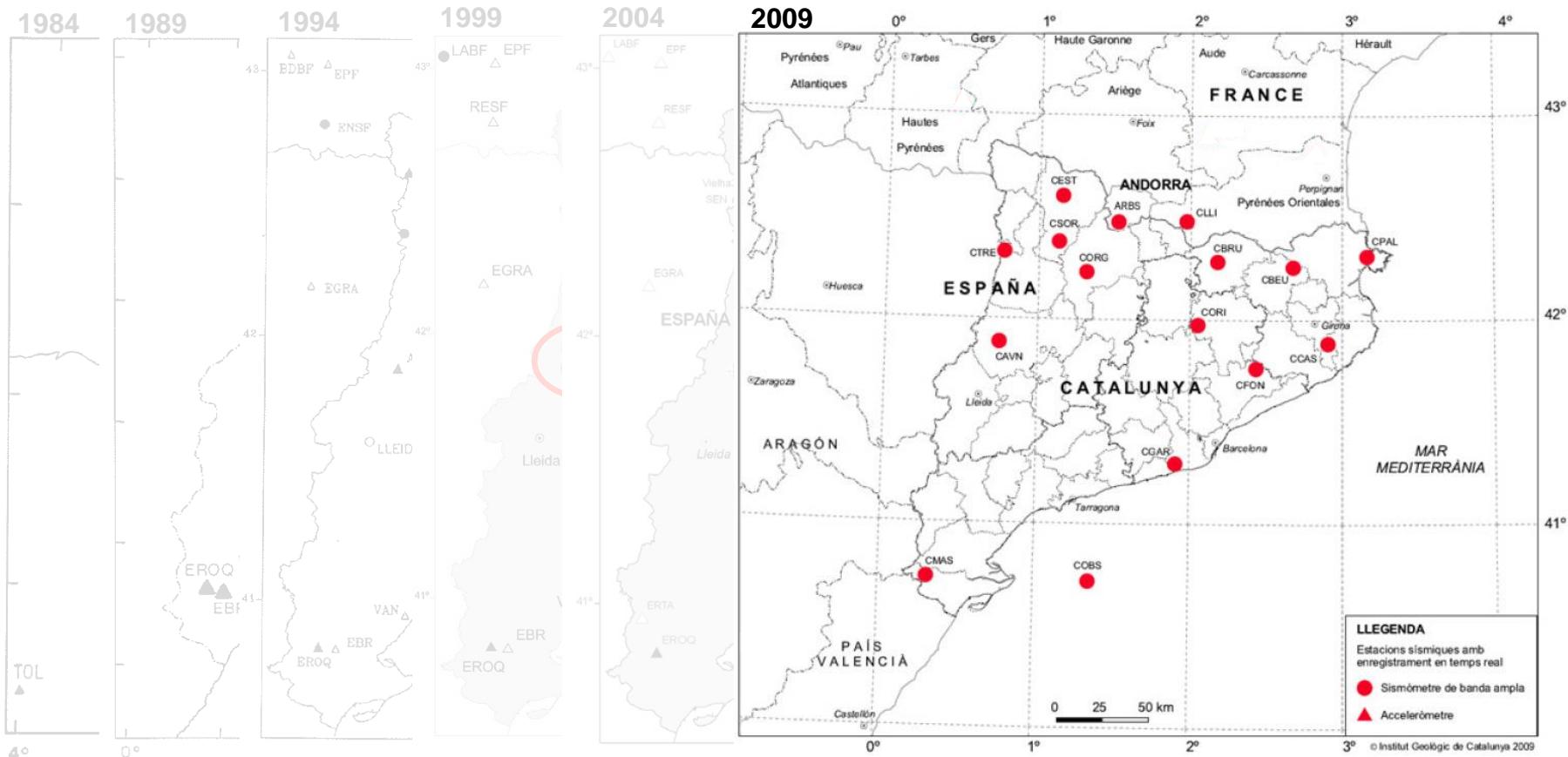


# Catalan seismic network

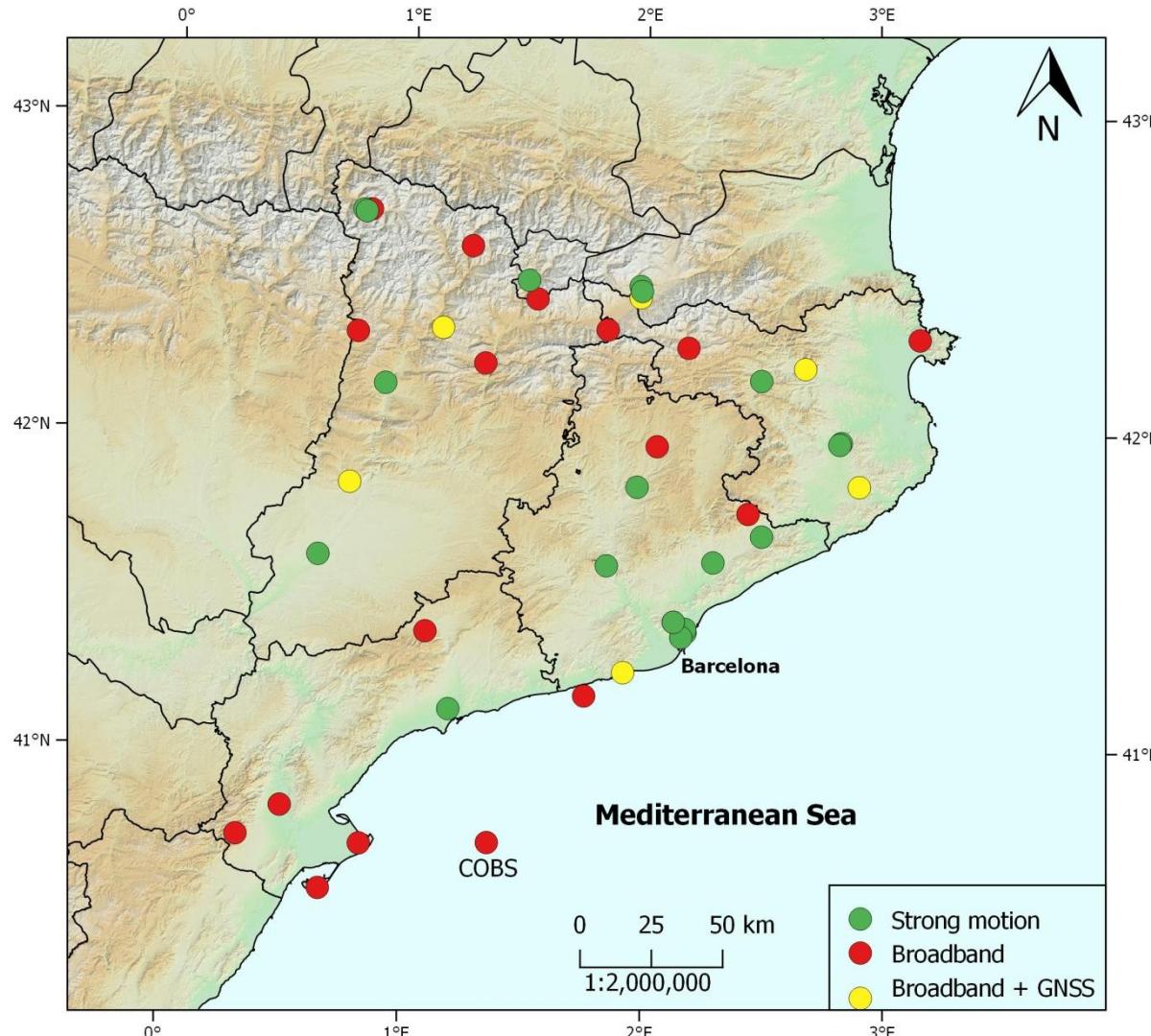


# Catalan seismic network

7



# Catalan seismic network



<http://www.icgc.cat/en/xarxasismica>

Citation:

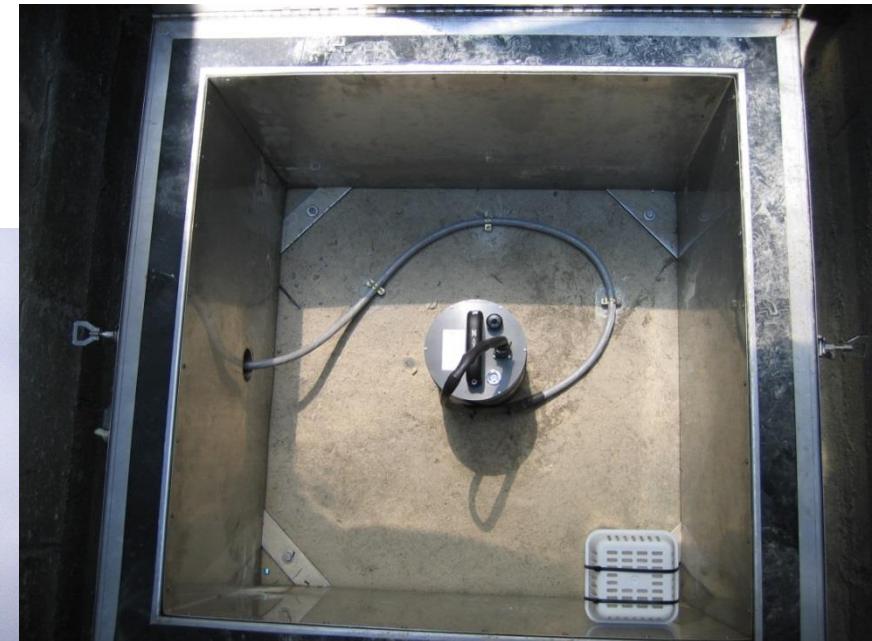
**Catalan Seismic Network. International Federation of Digital Seismograph Networks. Other/Seismic Network: doi: 10.7914/SN/CA.**



## Catalan seismic network



- Permanent cabled OBS installed in 2005 in collaboration with Repsol and Ebre Observatory.
- Continuous real-time data transmission (VSAT).
- Damaged early 2015 and now on process of purchasing a new instrument to replace it.





## Next steps:

- ❑ Two new BB stations in the south of Catalonia (2018-2019).
- ❑ Update the oldest BB sensors (2018).
- ❑ Replace equipment of COBS station.
- ❑ Updating digitizers and communication systems (VSAT) (2018).
- ❑ Densifying the strong motion network in collaboration with IGN (2018-2019).

# Data accessibility

- Web sites of network partners
- ICGC website: <http://www.icgc.cat/en/xarxasmica>
  - Stations metadata
  - Live data
  - Events data
  - Shakemaps
  - ...
- IRIS



# Data accessibility

- ❑ ICGC Datacenter archives waveforms from stations of the Catalan Seismic Network and provides free of charge and open access to them.
- ❑ FDSNWS: [ws.icgc.cat](http://ws.icgc.cat)

- Real-time waveforms by SeedLink

<http://ws.icgc.cat:18000>

- Stations metadata (*fdsnws-station*)

<http://ws.icgc.cat/fdsnws/station/1/version>

- Stations metadata (*fdsnws-databaselect*)

<http://ws.icgc.cat/fdsnws/databselect/1/version>



- [About FDSN](#)
- [Mailing Lists](#)
- [Meetings](#)
- [Membership](#)
- [Networks](#)
- [Publications](#)
- [Services](#)
- [Structure](#)
- [Terms of Reference](#)
- [Working Groups](#)
- [Search FDSN](#)
- [Contact Us](#)

[Home](#) / [FDSN Web Services](#) / [Data Centers Supporting FDSN Web Services](#)

[Sign in](#)

## Data Centers Supporting FDSN Web Services

This page contains a list of data centers that support [FDSN web services](#).

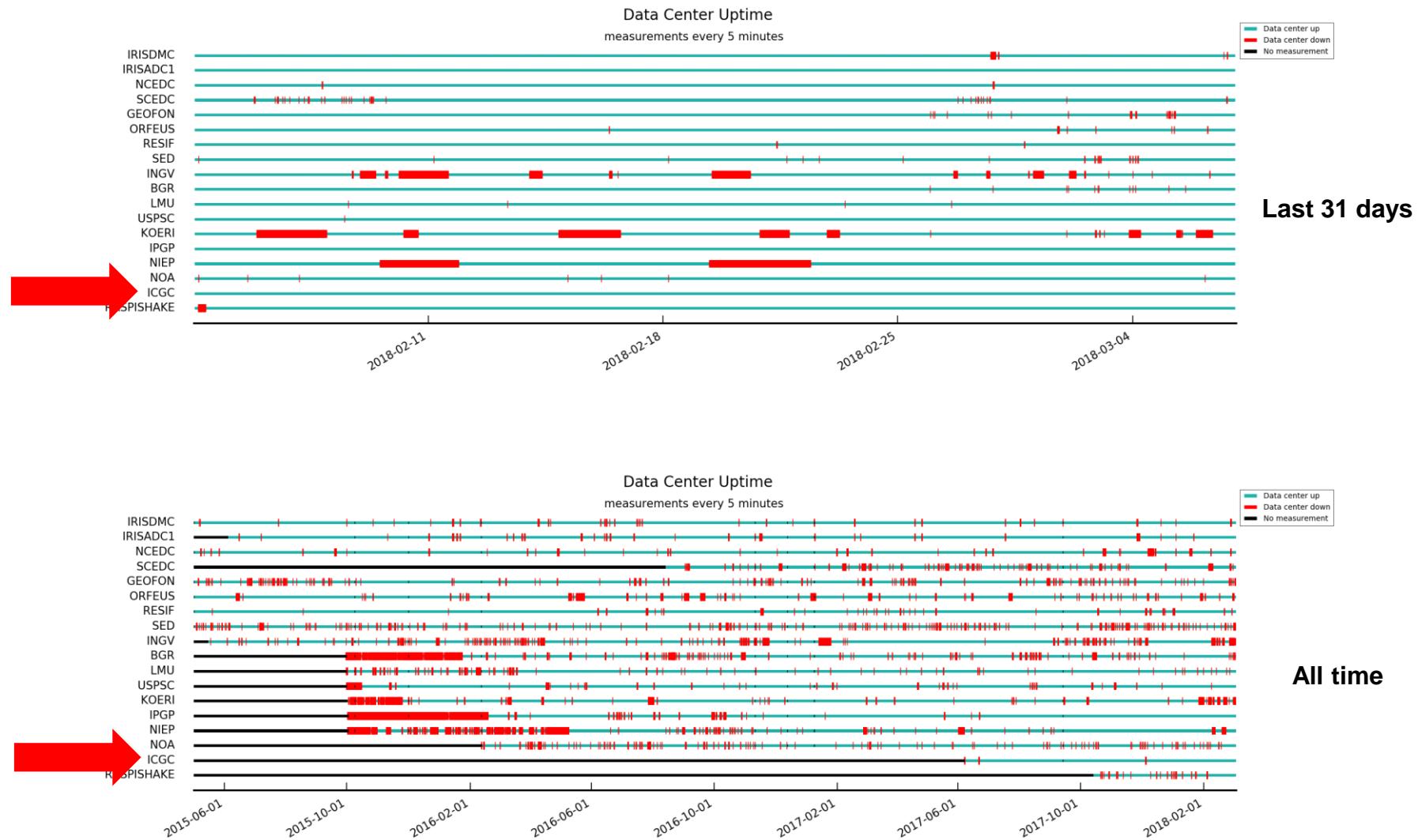
To have your data center listed on this page or update your center's entry contact [FDSN Working Group III \(mailing list\)](#).

### Production web services by region

#### Europe

- BGR Hannover, Germany: <http://eida.bgr.de/>
  - fdsnws-datalog: <http://eida.bgr.de/fdsnws/datalog/1/>
  - fdsnws-station: <http://eida.bgr.de/fdsnws/station/1/>
- Boğaziçi University, Kandilli Observatory: <http://www.koeri.boun.edu.tr/2/tr/>
  - fdsnws-datalog: <http://eida-service.koeri.boun.edu.tr/fdsnws/datalog/1/>
  - fdsnws-station: <http://eida-service.koeri.boun.edu.tr/fdsnws/station/1/>
- ETHZ: <http://eida.ethz.ch/fdsnws/>
  - fdsnws-datalog: <http://eida.ethz.ch/fdsnws/datalog/1/>
  - fdsnws-station: <http://eida.ethz.ch/fdsnws/station/1/>
  - fdsnws-event: <http://arclink.ethz.ch/fdsnws/event/1/>
- GEOFON Program, GFZ: <http://geofon.gfz-potsdam.de/>
  - fdsnws-datalog: <http://geofon.gfz-potsdam.de/fdsnws/datalog/1/>
  - fdsnws-station: <http://geofon.gfz-potsdam.de/fdsnws/station/1/>
  - Contact: [geofon@gfz-potsdam.de](mailto:geofon@gfz-potsdam.de)
- ICGC: <http://www.icgc.cat/en/xarxasmica>
  - fdsnws-datalog: <http://ws.icgc.cat/fdsnws/datalog/1/>
  - fdsnws-station: <http://ws.icgc.cat/fdsnws/station/1/>

# Catalan seismic network



Source: IRIS DMC Data Center Measurement Stats (<http://ds.iris.edu/files/stats/datacenters/>)