



2019 CE³RN meeting

Budapest 22-23 October

Presentation of seismological activities in Hungary by István Bondár.

ESC 2018 CE³RN minutes approved.

Discussion about CE³RN EIDA node: NIEP (Romania) ready to do it (it is already managing 150 stations) but Italy needs to use the "Italian" node. Every CE³RN member decides its policy.

Hungarian nuclear power plant seismic monitoring free data exchange: join CE³RN?

New CE³RN member candidates:

1. Faculty of Mathematics, Physics and Informatics of the Comenius University in Bratislava (<https://fmph.uniba.sk/>)
2. Institute of Geophysics of the Czech Academy of Sciences in Prague (<https://www.ig.cas.cz/>)

CE³RN website:

- new seismicity map (Nikolaus Horn, real time from EMSC website, needs access to CE³RN website from Damiano Pesaresi)
- CE³RN station list must be updated: stations list and map done inside CE³RN (Nikolaus Horn). Send updated station list to Nikolaus Horn
- put CE³RN News on top
- Slovakia contact to be updated (Kristian Csicsay)
- send CE³RN institutes logos with coordinates to Damiano Pesaresi
- check list of CE³RN contacts and send corrections, DOIs and phone numbers to Damiano Pesaresi
- no Hungarian Academy of Science on CE³RN website

"CE³RN" session @ ESC2020, open to everyone, on general seismicity of the Central and Eastern European area. István Bondár and Damiano Pesaresi to draft and submit session proposal, CE³RN contacts as conveners?

Historical Seismicity:

- distribute list of FAKE/FALSE events to clean catalogues
- collect list of all people among members who are engaged in historical seismicity and publish it internally
- it is necessary to share raw data (sources) for historical events, not only parameters

Macroseismicity

- sharing of both raw data (questionnaires) and evaluated data with proper intensities
- coordinates as used by institution, no attempt to unify or harmonize coordinates
- shared data will be anonymized by stripping personal information like names, address, email addresses. Coordinates as they are
- Nikolaus Horn will distribute a "schema", i.e. a list of questions and possible answers. Each institute will add missing questions or answers. In the reply, all participants add links to their questionnaires in all languages available
- data exchange for felt reports will be through static files, web services and if available also via Antelope orb2orb connection
- discussion on asking EMSC to get fast access to their felt reports

Funding opportunities:

- Stefano Parolai to investigate Central European Initiative (CEI, <https://www.cei.int/>) possibilities (budget for workshops)
- Horizon Europe first call will open in November, deadline in March 2020
- NATO programs to be checked again (they were simple)
- COST actions
- be ready with institutional documents
- check in advance national POC for European programs

Presentation of low cost instrumentation (OGS): 500-1500€, building monitoring.

Revised list of topics (excel spreadsheet).

Discussion on CE³RN network code and DOI: it is necessary to protect single networks visibility, especially to safeguard civil defence financing.

It is CE³RN policy to cite single networks DOIs and CE³RN website.

Next meeting autumn 2020 in Bratislava (Slovakia).