ESMDATABASE
ENGINEERING STRONG MOTION DATABASE
2.0

General Coordination

ORFEUS - Strong-Motion Management Committee (SMC-SM)

ORFEUS Secretary General: C Cauzzi (ETH)

SMC-SM Chair: G Lanzano (INGV)

SMC-SM Components: G Weatherill (GFZ); D Kalafat, E Çakti, D Cambaz (KOERI); A Murmureanu (NIEP); E Maufroy (RESIF); E Tepeuğur (AFAD); M Shahvar, (BHRC); N Theodoulidis (ITSAK); I Kalogeras (NOA); K Pitilakis (AUTH); J Clinton (ETH); R Sleeman, J Bienkowski (KNMI); R Rupakhety (EERC); L Luzi, A Michelini (INGV)

Project revision

ORFEUS - Users Advisory Group

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Database structure

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A Spinelli (TeamQuality srl)

Database management

C Felicetta, E Russo, L Luzi, F Pacor, M D'Amico, G Lanzano, S Sgobba (INGV)

Data Processing Conception

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Data Processing software

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Web-portal

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REXELweb and analysis of impulsive waveforms

Iunio Iervolino, Georgios Baltzopoulos (Dipartimento di Strutture per l'Ingegneria e l'Architettura, University of Naples Federico II)

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USGS Shakemap input (Webservice)

R Puglia, E Russo and C Felicetta (INGV), M Koymans (KNMI)

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System Manager

E Russo and S Mirenna (INGV)

Contributing projects

EPOS-IP(2015-2019): European Plate Observing System – Implementation Phase (GA 676564, Horizon 2020 research and innovation programme)

SERA (2017-2020): Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe (GA 730900, Horizon 2020 research and innovation programme)

NERA (2010-2014): Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation (GA 262330, Seventh Framework Program)