
EUROPEAN STRONG MOTION DATA BANK

During the past decade [Imperial College of Science Technology and Medicine](#), London, [Ente Nazionale per l'Energia Elettrica](#), Rome, [Ente per le Nuove Tecnologie, l'Energia e l'Ambiente](#), Rome and [Institut de Protection et de Sûreté Nucléaire](#), Fontenay aux Roses attempted to retrieve, process and analyse strong-motion records, chiefly analogue, from the European, Mediterranean and Middle Eastern regions. This dataset contains information for 1,089 record sets from 482 separate earthquakes and 352 individual strong-motion stations and, in the frame of the EC-project "Dissemination of European Strong-Motion Data", was extended with more than 1,400 new strong-motion records, giving a total of more than 7,500 European component records now held at the Imperial College strong-motion databank.

The CD-ROM "Dissemination of European Strong-Motion Data" contains:

- a databank with 1,068 uncorrected and uniformly corrected strong-motion records and elastic response spectra from Europe and adjacent regions.
- a database with associated earthquake-, station- and waveform-parameters.
- a browser-program for searching, selecting, visualising and exporting the records and associated parameters.
- user documentation.

The databank, database and browser program are the result of our effort to process, archive and uniformly present European "ground response" acceleration time histories that have been recorded between 1971 and 1999. The compilation and processing of this dataset were supported by the European Council, [Environment, and Climate Research Programme, DGXII](#), contract ENV4-CT97-0397 (Dissemination of European Strong-Motion Data).

[Imperial College of Science, Technology and Medicine](#), London continues this work in collaboration with several European partners in the frame of the project [Internet-Site for European Strong-Motion Data](#), supported by the European Council through the [5th Framework Programme](#), contract EVR1-CT-1999-40008.

Copies of the CD-ROM are available upon request from:



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