

Appendix Ia

Seismogenic Sources - from Geologic/Geophysical Data

This category contains seismogenic sources for which either geological or geophysical evidence is available. See § 2.2.3.1. for a detailed explanation of all parameters used to describe these sources and § 3.3.2.1. to learn how to visualise them within the computer version of the *Database*. Notice that sources of this category were assigned an ID ranging from 1 to 200.

ID Source	Source name	Quality	Evidence	Compiler(s)	Length (km)	Width (km)	Strike (deg)	Dip (deg)	Rake (deg)	Min dep (km)	Max dep (km)
1	Ovindoli-Pezza	B	Geological and geomorphological observations of surface faulting	P. Burrato	27.0	15.0	151	60	270	1.0	14.0
2	Fucino Basin	A	Geological observations of coseismic surface faulting and analytical modelling of coseismic elevation changes	P. Burrato	28.0	15.4	145	60	270	1.0	14.3
3	Aremogna-Cinque Miglia	B	Geomorphological and paleoseismological observations of surface faulting	P. Bordini and D. Pantosti	20.0	12.2	144	60	270	1.0	11.6
4	Boiano Basin	B	Geomorphological features, surface and subsurface geological observations (analytical modelling)	G. Valensise	24.0	13.8	304	55	270	1.0	12.3
5	Tammaro Basin	C	Historical reports of damage, geomorphic evidence and extrapolation from neighbouring faults	P. Bordini and D. Pantosti	25.0	14.3	311	60	270	1.0	13.4
6	Ufita Valley	C	Historical reports of damage, geomorphic evidence and extrapolation from neighbouring faults	P. Bordini and D. Pantosti	26.0	14.7	308	60	270	1.0	13.7
7	Irpinia South	A	Seismological and geodetic observations, geological observations of coseismic surface faulting	P. Burrato	38.0	15.0	310	60	270	1.0	14.0
8	Agri Valley	B	Geomorphological features and geological observations (analytical modelling)	P. Burrato	23.0	13.5	316	60	270	1.0	12.7
9	Castrovillari	B	Geological and geomorphological observations of surface faulting	P. Burrato	15.6	10.3	158	60	270	1.0	9.9
10	Melandro-Pergola	C	Geomorphological features, topographic anomalies and constraints from extrapolation from neighbouring faults	P. Burrato and G. Valensise	17.9	11.3	317	60	270	1.0	10.8
11	Upper Mesima Basin	C	Historical reports of damage, geomorphic observations and extrapolation from neighbouring faults	P. Burrato and G. Valensise	22.0	13.5	30	30	270	3.0	9.8
12	Gioia Tauro Plain	C	Geomorphological features and geological observations (analytical modelling)	P. Burrato and G. Valensise	25.0	15.0	30	30	270	3.0	10.5
13	Messina Straits	B	Geodetic and geological observations. Analytical modelling of coseismic elevation changes and long-term geomorphology	P. Burrato	31.4	15.0	30	29	270	3.0	10.2
14	Belice	B	Seismological observations constrained by geomorphic evidence and damage pattern	G. D'Addezio and G. Valensise	11.0	6.5	277	55	127	3.0	8.3

Appendix Ia

ID Source	Source name	Quality	Evidence	Compiler(s)	Length (km)	Width (km)	Strike (deg)	Dip (deg)	Rake (deg)	Min dep (km)	Max (km)
15	Montereale Basin	C	Historical reports of coseismic ruptures and damage distribution constrained by regional tectonics	P. Bordini and R. Basili	23.4	13.6	147	60	270	1.0	12
16	Norcia Basin	C	Historical reports of coseismic ruptures and damage distribution constrained by regional tectonics	P. Bordini	25.0	14.3	157	60	270	1.0	13
17	Colfiorito North	A	Seismological and geodetic data	R. Basili	12.0	7.5	152	40	280	4.0	8.3
18	Colfiorito South	A	Seismological and geodetic data	R. Basili	9.0	6.0	148	40	277	4.0	7.3
19	Sellano	A	Seismological and geodetic data and observations of coseismic surface ruptures	R. Basili	6.0	6.0	144	40	260	2.5	6.2
20	Monte Sant' Angelo	C	Geomorphic and geologic observations	D. Pantosti and L. Piccardi	20.0	12.0	280	80	215	0.0	11.1
21	San Giovanni Rotondo	C	Geomorphic and geologic observations	D. Pantosti, G. Valensise and L. Piccardi	11.0	12.0	85	80	215	0.0	11.1
22	San Marco Lamis	C	Geomorphic, geologic, and seismological observations	D. Pantosti, G. Valensise and L. Piccardi	10.0	12.0	95	80	215	0.0	11.1
23	Mercure Basin	C	Tilting of recent lake deposits associated with migration of basin depocenter plus microtectonic constrains	P. M. De Martini	22.0	12.7	335	60	270	1.0	12.0
25	Campotosto	C	Geological observations of bedrock fault-scarps	R. Basili	14.0	9.5	150	65	270	1.0	9.6
26	Amatrice	C	Geological observations of bedrock fault-scarps	R. Basili	14.0	9.5	150	65	270	1.0	9.6
27	Sulmona Basin	C	Geological observations of bedrock fault-scarps	R. Basili	20.0	12.2	135	60	270	1.0	11.6
28	Barrea	B	Seismological observations constrained by intensity data and structural evidence	P. Vannoli and R. Basili	10.0	7.5	152	50	264	5.0	10.7
29	Conero offshore	D	Intensity data constrained by extrapolation from neighbouring faults	R. Basili	6.1	5.5	132	33	90	3.0	6.0
30	Senigallia	C	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili	12.0	6.0	132	30	90	3.0	7.0
31	Fano Ardizio	C	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	12.0	8.0	132	30	90	3.0	7.0
32	Pesaro San Bartolo	C	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	8.0	6.0	122	30	90	3.0	6.0
33	Rimini offshore South	D	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	8.0	5.0	132	30	90	3.0	5.5
34	Rimini offshore North	D	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	8.0	5.0	132	30	90	3.0	5.5
35	Rimini	C	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	8.0	6.0	132	30	90	3.0	6.0
36	Val Marecchia	C	Subsurface geology constrained by geomorphic observations and intensity data	R. Basili and G. Valensise	9.0	6.0	132	30	90	3.0	6.0

Scismogenic Sources - from Geologic/Geophysical Data

ID Source	Source name	Quality	Evidence	Compiler(s)	Length (km)	Width (km)	Strike (deg)	Dip (deg)	Rake (deg)	Min dep (km)	Max dep (km)
37	Gubbio South	B	Seismological observations constrained by subsurface geology and location of transverse lineaments	S. Pucci	7.5	4.0	140	21	270	4.6	6.0
38	Gubbio Middle	C	Seismological observations constrained by subsurface geology, continuity of regional trend and extrapolation from neighbouring faults	S. Pucci	7.5	4.0	140	15	270	3.5	4.5
39	Gubbio North	D	Constrained by subsurface geology, continuity of regional trend and extrapolation from neighbouring faults	S. Pucci	7.5	4.0	140	21	270	3.6	5.0
40	Aspromonte Northwest	C	Historical reports of damage constrained by geomorphic observations and regional geodynamics	G. Valensise and P. Burrato	5.0	4.5	300	70	225	3.0	7.2
41	Scilla offshore	D	Historical reports of damage constrained by geomorphic observations and regional geodynamics	G. Valensise and P. Burrato	5.0	4.5	300	70	225	3.0	7.2
42	Aspromonte Northeast	C	Historical reports of damage constrained by geomorphic observations and regional geodynamics	G. Valensise and P. Burrato	10.0	7.5	300	70	225	3.0	10.0
43	Aspromonte East	C	Historical reports of damage constrained by geomorphic observations, regional geodynamics	G. Valensise and P. Burrato	12.5	8.8	300	70	225	3.0	11.3
44	Nicotera-Rosarno	C	Historical reports of damage constrained by geomorphic observations and regional geodynamics	G. Valensise and P. Burrato	12.5	8.8	120	70	315	3.0	11.3
50	Garfagnana North	B	Intensity data constrained by regional geodynamics, geomorphic observations and location of transverse lineaments	G. Vannucci and G. Valensise	18.0	11.3	305	40	270	1.0	8.3
51	Garfagnana South	C	Geomorphic observations constrained by regional geodynamics and location of transverse lineaments	G. Vannucci and G. Valensise	15.0	10.0	307	40	270	1.0	7.4
100	Bagnacavallo	C	Intensity data constrained by geomorphic (river diversions) and geophysical exploration observations	P. Burrato and G. Valensise	10.0	6.0	119	30	90	3.0	6.0
101	Montello	C	Geomorphological features (river diversion and modelling of fluvial terraces) constrained by geophysical exploration observations depth	P. Burrato and G. Valensise	15.0	8.0	234	30	90	2.0	6.0
102	Asolo	C	Intensity data constrained by regional tectonics	P. Burrato	27.0	9.0	149	80	170	1.0	9.9
103	Mantova	C	Geomorphological features (river diversion) and topographic anomalies constrained by repeated levelling	P. Burrato and G. Valensise	10.0	6.0	262	30	90	3.0	6.0
104	Orzinuovi	C	Geomorphic evidence (river diversion and behaviour) and geophysical exploration observations supported by intensity data	P. Burrato and G. Valensise	10.0	6.0	266	30	90	2.0	5.0

Appendix 1a

ID Source	Source name	Quality	Evidence	Compiler(s)	Length (km)	Width (km)	Strike (deg)	Dip (deg)	Rake (deg)	Min dep (km)	Max dep (km)
105	Adige Plain	C	Geomorphological features (river diversion) and topographic anomalies	P. Burrato and G. Valensise	15.0	8.5	255	30	90	3.0	7.3
107	Mirandola	C	Subsurface geology constrained by geomorphic observations	P. Burrato and G. Valensise	12.0	10.0	115	30	90	3.0	8.0
120	Gemona East	A	Seismological observations constrained by geodetic and intensity data	E. Baroux and P. Burrato	16.0	12.0	270	20	90	2.0	6.1
121	Gemona North	B	Seismological observations constrained by geodetic and intensity data	E. Baroux and P. Burrato	8.0	6.0	230	60	46	1.0	6.2
122	Gemona West	B	Seismological observations constrained by geodetic and intensity data	E. Baroux and P. Burrato	8.5	7.0	270	30	90	6.5	10.0
123	Pordenone North	C	Extrapolation from neighbouring faults and regional tectonics	P. Burrato and G. Valensise	8.0	5.5	215	30	80	2.0	4.8
124	Cansiglio	B	Seismological, subsurface geology and intensity data	P. Burrato and G. Valensise	12.0	7.3	230	50	64	1.0	6.6
125	Alpago	C	Intensity data constrained by regional tectonics	P. Burrato and G. Valensise	18.0	9.0	206	55	50	1.0	8.4
126	Cividale	C	Distribution of intensity data points and surface geology	P. Burrato	25.0	9.3	313	70	180	1.3	10.0
130	Imperia	C	Intensity data constrained by tsunami evidence and regional geodynamics	G. Valensise	20.3	10.6	259	30	90	3.0	8.3

Appendix Ib

Seismogenic Sources - Historical, Well Constrained

This category contains seismogenic sources derived exclusively from intensity data following the method proposed by Gasperini *et al.* (1999) and for which the quality of the solution obtained was enough to allow the representation by an oriented rectangular box. See § 2.2.3.2.-2.2.3.3. for a detailed explanation of all parameters used to describe these sources and § 3.3.2.2.-3.3.2.3. to learn how to visualise them within the computer version of the *Database*. The last three sources in the list were obtained from intensity data but are also backed by geological and geodynamic constraints. Notice that sources of this category were assigned an ID ranging from 201 to 400 (401-500 for the category *with geological background*).

ID Source	Source name	Quality	Length (km)	Width (km)	Strike (deg)	Data source	Preferred
201	Veronese (1117, Jan 03)	D C	24.8	11.7	144 ± 070	CFTI	F
202	Sicilia orientale (1169, Feb 04)	B E	28.4	12.6	018 ± 015	CFTI	T
203	Valle del Crati (1184, May 24)	C E	12.6	8.1	029 ± 044	CFTI	T
204	Basso bresciano (1222, Dec 25)	B D	14.4	8.8	089 ± 019	CFTI	T
205	Camerino (1279, Apr 30)	C E	18.9	10.1	061 ± 038	DOM	T
206	Carnia (1348, Jan 25)	C D	32.6	13.6	048 ± 026	DOM	F
207	Lazio meridionale-Molise (1349, Sep 09)	B D	28.4	12.6	107 ± 014	CFTI	T
208	Viterbese-Umbria (1349, Sep 09)	C E	11.0	7.6	032 ± 036	CFTI	T
209	Aquilano (1349, Sep 09)	A D	24.8	11.7	115 ± 004	CFTI	T
210	Toscana occidentale (1414, Aug 07)	C E	6.4	5.6	055 ± 047	DOM	F
211	Predappio (1428, Jul 03)	C E	5.6	5.2	098 ± 029	DOM	T
212	Molise (1456, Dec 05)	A B	49.0	16.9	138 ± 007	DOM	T
213	Romagna meridionale (1483, Aug 11)	D E	6.4	5.6	026 ± 062	CFTI	T
214	Appennino modenese (1501, Jun 05)	B E	9.6	7.0	088 ± 023	CFTI	T
215	Slovenia (1511, Mar 26)	A C	24.8	11.7	102 ± 009	CFTI	F
216	Mugello (1542, Jun 13)	C D	11.0	7.6	083 ± 043	CFTI	T
217	Siracusano (1542, Dec 10)	C D	28.4	12.6	092 ± 035	CFTI	T
218	Vallo di Diano (1561, Aug 19)	C D	21.7	10.9	016 ± 029	CFTI	F
219	Alpi Marittime (1564, Jul 20)	B E	8.4	6.5	111 ± 018	DOM	T
220	Ferrara (1570, Nov 17)	B C	4.9	4.9	138 ± 012	CFTI	T
221	Appennino tosco-emiliano (1584, Sep 10)	C E	12.6	8.1	140 ± 045	CFTI	T
222	Cascia (1599, Nov 05)	B E	9.6	7.0	114 ± 018	DOM	T
223	Gargano (1627, Jul 30)	C C	32.6	13.6	113 ± 033	CFTI	F
224	Calabria (1638, Mar 27)	A B	49.0	16.9	000 ± 005	CFTI	T
225	Amatrice (1639, Oct 07)	B D	18.9	10.1	081 ± 020	DOM	F
226	Alpi marittime (1644, Feb 15)	C D	11.0	7.6	037 ± 041	CFTI	T
227	Appennino romagnolo (1661, Mar 22)	C C	9.6	7.0	119 ± 039	CFTI	T
229	Sannio (1688, Jun 05)	B B	32.6	13.6	118 ± 014	CFTI	F
230	Kaernten (1690, Dec 04)	C E	12.6	8.1	135 ± 039	DOM	T
231	Anconetano (1690, Dec 23)	C E	7.3	6.1	121 ± 027	CFTI	T
233	Irpinia-Basilicata (1694, Sep 08)	B B	42.8	15.7	124 ± 010	CFTI	T
234	Asolano (1695, Feb 25)	A C	28.4	12.6	167 ± 008	CFTI	F

ID Source	Source name	Quality	Length (km)	Width (km)	Strike (deg)	Data source	Preference
235	Bagnoregio (1695, Jun 11)	B C	8.4	6.5	172 ± 020	DOM	T
236	Raveo (1700, Jul 28)	B D	8.4	6.5	176 ± 012	DOM	T
237	Beneventano-Irpinia (1702, Mar 14)	C D	18.9	10.1	122 ± 035	CFTI	T
238	Appennino reatino (1703, Jan 14)	B B	37.3	14.6	167 ± 023	CFTI	F
239	Aquilano (1703, Feb 02)	B C	32.6	13.6	116 ± 016	CFTI	F
240	Maiella (1706, Nov 03)	B C	28.4	12.6	141 ± 019	CFTI	T
241	Sicilia orientale (1718, Feb 20)	B E	3.7	4.2	132 ± 017	DOM	T
242	Norcia (1730, May 12)	C D	9.6	7.0	143 ± 044	DOM	T
243	Foggiano (1731, Mar 20)	C D	18.9	10.1	107 ± 026	CFTI	T
244	Irpinia (1732, Nov 29)	C B	28.4	12.6	105 ± 044	CFTI	F
245	Fabrianese (1741, Apr 24)	B B	14.4	8.8	046 ± 024	DOM	T
246	Basso Ionio (1743, Feb 20)	A C	42.8	15.7	123 ± 004	CFTI	F
247	Fiuminata (1747, Apr 17)	C D	11.0	7.6	008 ± 041	DOM	T
248	Gualdo Tadino (1751, Jul 27)	C C	18.9	10.1	148 ± 025	DOM	T
249	Vallese (1755, Dec 09)	D C	11.0	7.6	034 ± 061	CFTI	T
250	Appennino romagnolo (1768, Oct 19)	C D	9.6	7.0	055 ± 026	CFTI	T
251	Tramonti (1776, Jul 10)	C E	9.6	7.0	055 ± 025	DOM	T
253	Cagliese (1781, Jun 03)	B B	16.5	9.4	118 ± 017	DOM	F
254	Romagna (1781, Jul 17)	C D	4.9	4.9	006 ± 030	CFTI	T
255	Calabria (1783, Feb 05)	A A	42.8	15.7	043 ± 009	CFTI	F
256	Calabria (1783, Feb 07)	B B	28.4	12.6	065 ± 021	CFTI	F
257	Calabria centrale (1783, Mar 01)	C E	11.0	7.6	164 ± 039	CFTI	T
258	Calabria (1783, Mar 28)	C A	42.8	15.7	003 ± 039	CFTI	T
259	Sicilia nord-orientale (1786, Mar 10)	B E	12.6	8.1	050 ± 021	CFTI	T
260	Riminese (1786, Dec 25)	B C	6.4	5.6	144 ± 020	CFTI	F
261	Val Tiberina (1789, Sep 30)	B D	8.4	6.5	150 ± 016	DOM	T
262	Calabria centrale (1791, Oct 13)	C C	11.0	7.6	110 ± 037	CFTI	T
263	Tramonti (1794, Jun 07)	D E	5.6	5.2	057 ± 053	DOM	T
264	Emilia orientale (1796, Oct 22)	C D	6.4	5.6	159 ± 025	CFTI	F
265	Camerino (1799, Jul 28)	D D	11.0	7.6	089 ± 063	DOM	F
266	Molise (1805, Jul 26)	C B	28.4	12.6	124 ± 027	CFTI	F
267	Colli Albani (1806, Aug 26)	C D	4.9	4.9	159 ± 037	CFTI	T
268	Valle del Pellice (1808, Apr 02)	C B	7.3	6.1	163 ± 032	CFTI	T
269	Sequals (1812, Oct 25)	B D	7.3	6.1	042 ± 016	DOM	F
270	Monti Iblei (1818, Mar 01)	D D	6.4	5.6	003 ± 053	CFTI	T
271	Langhirano (1818, Dec 09)	C D	5.6	5.2	012 ± 028	DOM	T
272	Sicilia settentrionale (1823, Mar 05)	A B	9.6	7.0	083 ± 009	CFTI	T
273	Basilicata (1826, Feb 01)	D E	7.3	6.1	170 ± 057	CFTI	T
274	Valle dello Staffora (1828, Oct 09)	B C	7.3	6.1	010 ± 016	DOM	T
275	Foligno (1832, Jan 13)	C D	8.4	6.5	139 ± 026	DOM	T
276	Crotonese (1832, Mar 08)	C C	24.8	11.7	109 ± 039	CFTI	T
277	Reggiano (1832, Mar 13)	B C	5.6	5.2	073 ± 024	CFTI	T

Seismogenic Sources - Historical, Well Constrained

ID Source	Source name	Quality	Length (km)	Width (km)	Strike (deg)	Data source	Preferred
278	Alta Lunigiana (1834, Feb 14)	B B	6.4	5.6	141 ± 022	DOM	T
279	Cosentino (1835, Oct 12)	C D	11.0	7.6	011 ± 031	CFTI	T
280	Calabria settentrionale (1836, Apr 25)	C D	16.5	9.4	100 ± 026	CFTI	T
281	Bassano (1836, Jun 12)	D D	4.9	4.9	124 ± 070	DOM	T
282	Basilicata meridionale (1836, Nov 20)	C E	9.6	7.0	151 ± 034	CFTI	T
283	Alpi Apuane (1837, Apr 11)	B C	6.4	5.6	015 ± 020	DOM	T
284	Valnerina (1838, Feb 14)	D E	6.4	5.6	176 ± 066	DOM	T
285	Orciano pisano (1846, Aug 14)	C C	7.3	6.1	142 ± 044	DOM	T
286	Basilicata (1851, Aug 14)	C B	18.9	10.1	164 ± 034	CFTI	F
287	Irpinia (1853, Apr 09)	C D	11.0	7.6	005 ± 040	CFTI	T
288	Cosentino (1854, Feb 12)	D C	16.5	9.4	156 ± 061	CFTI	T
289	Liguria occidentale (1854, Dec 29)	B C	8.4	6.5	075 ± 014	CFTI	T
290	Vallese (1855, Jul 25)	C C	9.6	7.0	027 ± 027	CFTI	T
291	Basilicata (1857, Dec 16)	B A	49.0	16.9	126 ± 010	CFTI	F
292	Cosentino (1870, Oct 04)	B C	16.5	9.4	001 ± 024	CFTI	T
293	Meldola (1870, Oct 30)	D D	5.6	5.2	118 ± 050	DOM	T
294	Marche meridionali (1873, Mar 12)	B B	11.0	7.6	106 ± 018	CFTI	F
295	Bellunese (1873, Jun 29)	D B	18.9	10.1	162 ± 056	CFTI	F
296	Monti della Meta (1873, Jul 12)	B C	3.7	4.2	073 ± 019	CFTI	T
297	Liguria orientale (1873, Sep 17)	B C	4.9	4.9	058 ± 023	DOM	T
298	Romagna sud-orient. (1875, Mar 17)	B B	8.4	6.5	139 ± 010	CFTI	F
299	S. Marco in Lamis (1875, Dec 06)	C C	14.4	8.8	064 ± 038	DOM	F
300	Montefalco (1878, Sep 15)	B D	5.6	5.2	156 ± 015	DOM	T
301	Abruzzo meridionale (1881, Sep 10)	C D	5.6	5.2	037 ± 026	CFTI	T
302	Campobasso (1885, Dec 26)	D D	3.7	4.2	079 ± 065	DOM	T
303	Cosentino (1886, Mar 06)	B E	5.6	5.2	178 ± 020	DOM	T
304	Liguria occidentale (1887, Feb 23)	C A	18.9	10.1	079 ± 041	CFTI	F
305	Apricena (1889, Dec 08)	D B	5.6	5.2	060 ± 060	DOM	T
306	Valle d' Illasi (1891, Jun 07)	D A	7.3	6.1	043 ± 052	CFTI	T
307	Area etnea (1894, Aug 08)	B D	3.2	3.9	139 ± 022	CFTI	T
308	Calabria meridionale (1894, Nov 16)	C B	14.4	8.8	043 ± 045	CFTI	T
309	Slovenia (1895, Apr 14)	D B	18.9	10.1	054 ± 060	CFTI	F
310	Adriatico centrale (1897, Sep 21)	C D	4.9	4.9	073 ± 048	DOM	T
311	Rieti (1898, Jun 27)	C B	4.9	4.9	072 ± 033	DOM	T
312	Salò (1901, Oct 30)	B B	7.3	6.1	065 ± 020	CFTI	T
313	Marsica (1904, Feb 24)	C D	6.4	5.6	086 ± 048	CFTI	T
314	Alta Savoia (1905, Apr 29)	B B	8.4	6.5	055 ± 016	CFTI	T
315	Calabria (1905, Sep 08)	C A	56.1	18.2	063 ± 040	CFTI	F
316	Calabria meridionale (1907, Oct 23)	D B	11.0	7.6	162 ± 055	CFTI	T
317	Calabria meridionale (1908, Dec 28)	B A	64.3	19.6	171 ± 013	CFTI	F
318	Bassa Padana (1909, Jan 13)	B A	4.9	4.9	148 ± 019	DOM	F
319	Irpinia-Basilicata (1910, Jun 07)	B A	9.6	7.0	123 ± 012	CFTI	T

ID Source	Source Name	Quality	Length (km)	Width (km)	Strike (deg)	Data Source	Preferred
320	Area etnea (1911, Oct 15)	B D	3.2	3.9	178 ± 017	CFTI	T
321	Calabria settentrionale (1913, Jun 28)	B B	6.4	5.6	068 ± 018	CFTI	T
322	Area etnea (1914, May 08)	C C	3.2	3.9	168 ± 037	CFTI	T
323	Tavernette (1914, Oct 26)	D C	3.7	4.2	005 ± 053	DOM	T
324	Garfagnana (1914, Oct 27)	B A	8.4	6.5	109 ± 020	DOM	F
325	Avezzano (1915, Jan 13)	A A	49.0	16.9	119 ± 007	DOM	F
326	Alto Adriatico (1916, May 17)	B B	9.6	7.0	118 ± 011	CFTI	F
327	Alto Adriatico (1916, Aug 16)	B B	11.0	7.6	120 ± 019	CFTI	F
328	Monterchi-Citerna (1917, Apr 26)	C B	8.4	6.5	145 ± 027	DOM	T
329	Appennino romagnolo (1918, Nov 10)	B C	8.4	6.5	039 ± 024	CFTI	T
330	Mugello (1919, Jun 29)	B B	16.5	9.4	057 ± 018	CFTI	T
331	Garfagnana (1920, Sep 07)	B A	24.8	11.7	108 ± 011	CFTI	F
332	Isola di Salina (1926, Aug 17)	D D	3.2	3.9	115 ± 053	DOM	T
333	Capo Vaticano (1928, Mar 07)	B D	11.0	7.6	041 ± 018	DOM	T
334	Carnia (1928, Mar 27)	B A	8.4	6.5	021 ± 015	DOM	T
336	Senigallia (1930, Oct 30)	A B	11.0	7.6	121 ± 007	DOM	F
337	Maiella (1933, Sep 26)	C A	7.3	6.1	142 ± 040	CFTI	T
338	Bosco Cansiglio (1936, Oct 18)	A B	11.0	7.6	167 ± 007	DOM	F
339	Offida (1943, Oct 03)	C C	9.6	7.0	156 ± 026	DOM	T
340	Calabria centrale (1947, May 11)	B B	7.3	6.1	169 ± 016	CFTI	T
341	Puglia settentrionale (1948, Aug 18)	C C	5.6	5.2	010 ± 031	CFTI	T
342	Gran Sasso (1950, Sep 05)	B B	7.3	6.1	101 ± 017	DOM	F
343	Irpinia (1962, Aug 21)	C B	16.5	9.4	160 ± 028	CFTI	T
344	Monti Nebrodi (1967, Oct 31)	C C	4.9	4.9	144 ± 027	CFTI	T
345	Valle del Belice (1968, Jan 15)	C B	14.4	8.8	003 ± 033	CFTI	F
346	Parmense (1971, Jul 15)	B B	6.4	5.6	090 ± 018	CFTI	T
347	Medio Adriatico (1972, Feb 04)	B C	2.5	3.4	106 ± 016	CFTI	T
348	Friuli (1976, May 06)	B A	21.7	10.9	059 ± 014	DOM	F
349	Friuli (1976, Sep 15)	D C	11.0	7.6	072 ± 056	CFTI	F
350	Calabria meridionale (1978, Mar 11)	C B	3.7	4.2	069 ± 049	CFTI	T
351	Golfo di Patti (1978, Apr 15)	B A	14.4	8.8	095 ± 010	CFTI	T
352	Valnerina (1979, Sep 19)	B A	11.0	7.6	156 ± 024	CFTI	T
353	Irpinia-Basilicata (1980, Nov 23)	C A	42.8	15.7	126 ± 025	CFTI	F
354	Golfo di Policastro (1982, Mar 21)	B B	3.2	3.9	139 ± 014	CFTI	T
355	Appennino abruzzese (1984, May 07)	C A	7.3	6.1	148 ± 025	CFTI	F
356	Basilicata (1990, May 05)	C A	3.7	4.2	107 ± 033	DOM	F
401	Coriano	B C	5.6	5.2	020 ± 015	CFTI	T
402	Irpinia North	B A	32.6	13.6	109 ± 011	CFTI	T
403	Noto	B B	84.3	22.8	012 ± 010	CFTI	T

Appendix 1c

Seismogenic Sources - Historical, Poorly Constrained

This category contains seismogenic sources derived exclusively from intensity data following the method proposed by Gasperini *et al.* (1999) and for which the quality of the solution obtained was not enough to allow the representation by an oriented rectangular box. They are therefore represented as a circle. See § 2.2.3.4.-2.2.3.5. for a detailed explanation of all parameters used to describe these sources and § 3.3.2.2.-3.3.2.3. to learn how to visualise them within the computer version of the *Database*. The last two sources in the list were obtained from intensity data but are also backed by geological and geodynamic constraints. Notice that sources of this category were assigned an ID ranging from 501 to 800 (801-900 for the category *with geological backgrounds*).

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
501	Puglia (1087, Sep -)	EE	0.9	CFTI	F
502	Veronese (1117, Jan 03)	EC	12.4	CFTI	F
503	Rocca d'Evandro (1120, Mar 25)	EE	2.8	CFTI	T
504	Siracusa (1125, Jun 07)	EE	4.8	CFTI	T
505	Sannio-Molise (1125, Oct 11)	EE	3.7	CFTI	T
506	Sicilia orientale (1169, Feb 04)	EE	14.2	CFTI	F
507	Valle del Crati (1184, May 24)	EE	6.3	CFTI	F
508	Basso bresciano (1222, Dec 25)	ED	7.2	CFTI	F
509	Gargano (1223, - -)	EE	6.3	CFTI	T
510	Cassino (1231, Jun 01)	EE	1.9	CFTI	T
511	Ancona (1269, Sep -)	EE	2.8	DOM	T
512	Potenza (1273, - -)	EE	4.8	CFTI	T
513	Rocca San Casciano (1279, Apr 30)	EE	2.8	DOM	T
514	Camerino (1279, Apr 30)	EE	9.5	DOM	F
515	Sannio (1293, Sep 04)	EE	5.5	CFTI	T
516	Coira (1295, Sep 03)	EE	4.2	DOM	T
517	Reatino (1298, Dec 01)	EE	5.5	CFTI	T
518	Italia centrale (1315, Dec 03)	EE	6.3	CFTI	T
519	Norcia (1328, Dec 01)	EE	10.8	DOM	T
520	Carnia (1348, Jan 25)	ED	16.3	DOM	T
521	Lazio meridionale-Molise (1349, Sep 09)	ED	14.2	CFTI	F
522	Viterbese-Umbria (1349, Sep 09)	EE	5.5	CFTI	F
523	Aquilano (1349, Sep 09)	ED	12.4	CFTI	F
524	Monterchi (1352, Dec 25)	EE	6.3	DOM	T
525	Ascoli Satriano (1361, Jul 17)	EE	7.2	CFTI	T
526	Moggio Udinese (1389, Aug 20)	EE	1.6	CFTI	T
527	Bocca Serriola (1389, Oct 18)	EE	6.3	DOM	T
528	Modenese (1399, Jul 20)	EE	2.1	CFTI	T
529	Vieste (1414, - -)	EE	4.8	CFTI	T
530	Toscana occidentale (1414, Aug 07)	EE	3.2	DOM	T
531	Predappio (1428, Jul 03)	EE	2.8	DOM	F
532	Parmense (1438, Jun 11)	EE	3.2	CFTI	T

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
533	Molise (1456, Dec 05)	E B	24.5	DOM	F
534	Città di Castello (1458, Apr 26)	E E	4.8	DOM	T
535	Aquilano (1461, Nov 26)	E E	12.4	DOM	T
536	Lunigiana (1481, May 07)	E E	4.8	DOM	T
537	Romagna meridionale (1483, Aug 11)	E E	3.2	CFTI	F
538	Appennino modenese (1501, Jun 05)	E E	4.8	CFTI	F
539	Slovenia (1511, Mar 26)	E C	12.4	CFTI	F
540	Mugello (1542, Jun 13)	E D	5.5	CFTI	F
541	Siracusano (1542, Dec 10)	E D	14.2	CFTI	F
542	Barletta-Bisceglie (1560, May 11)	E E	3.2	CFTI	T
543	Vallo di Diano (1561, Aug 19)	E D	10.8	CFTI	T
544	Alpi Marittime (1564, Jul 20)	E E	4.2	DOM	F
545	Ferrara (1570, Nov 17)	E C	2.4	CFTI	F
546	Appennino tosco-emiliano (1584, Sep 10)	E E	6.3	CFTI	F
547	Gubbio (1593, Apr 23)	E E	2.4	DOM	T
548	Cascia (1599, Nov 05)	E E	4.8	DOM	F
549	Rocca Bigliera (1612, Jan 31)	E E	1.4	DOM	T
550	Slovenia (1622, May 05)	E E	2.8	CFTI	F
551	Girifalco (1626, Apr 04)	E E	7.2	CFTI	T
553	Nicolosi (1633, Feb 21)	E E	1.2	CFTI	T
554	Calabria (1638, Mar 27)	E B	24.5	CFTI	F
555	Crotonese (1638, Jun 08)	E D	14.2	CFTI	T
556	Amatrice (1639, Oct 07)	E D	9.5	DOM	F
557	Alpi marittime (1644, Feb 15)	E D	5.5	CFTI	F
558	Gargano (1646, May 31)	E E	8.3	CFTI	F
559	Sorano-Marsica (1654, Jul 23)	E D	8.3	CFTI	T
560	Calabria centrale (1659, Nov 05)	E B	12.4	CFTI	F
561	Appennino romagnolo (1661, Mar 22)	E C	4.8	CFTI	F
562	Rubiera (1671, Jun 20)	E E	1.9	DOM	T
563	Riminense (1672, Apr 14)	E C	2.8	CFTI	F
564	Romagna (1688, Apr 11)	E D	5.5	DOM	F
565	Sannio (1688, Jun 05)	E B	16.3	CFTI	F
566	Kaernten (1690, Dec 04)	E E	6.3	DOM	F
567	Anconetano (1690, Dec 23)	E E	3.7	CFTI	F
568	Slovenia (1691, Feb 19)	E E	2.1	CFTI	F
569	Sicilia orientale (1693, Jan 11)	E B	42.2	CFTI	F
570	Irpinia-Basilicata (1694, Sep 08)	E B	21.4	CFTI	F
571	Asolano (1695, Feb 25)	E C	14.2	CFTI	F
572	Bagnoregio (1695, Jun 11)	E C	4.2	DOM	F
573	Vizzini (1698, Apr 12)	E E	1.4	DOM	T
574	Raveo (1700, Jul 28)	E D	4.2	DOM	F
575	Beneventano-Irpinia (1702, Mar 14)	E D	9.5	CFTI	F

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
576	Appennino reatino (1703, Jan 14)	E B	18.7	CFTI	F
577	Aquilano (1703, Feb 02)	E C	16.3	CFTI	F
578	Maiella (1706, Nov 03)	E C	14.2	CFTI	F
579	Pollino (1708, Jan 26)	E E	3.2	DOM	T
580	Sicilia orientale (1718, Feb 20)	E E	1.9	DOM	F
581	Puglia settentrionale (1720, Jun 07)	E E	1.4	DOM	T
582	Palermo (1726, Sep 01)	E E	3.2	CFTI	T
583	Norcia (1730, May 12)	E D	4.8	DOM	F
584	Foggiano (1731, Mar 20)	E D	9.5	CFTI	F
585	Irpinia (1732, Nov 29)	E B	14.2	CFTI	F
586	Ciminna (1736, Aug 16)	E E	2.4	DOM	T
587	Parma (1738, Nov 05)	E E	2.1	DOM	T
588	Naso (1739, May 10)	E E	2.8	CFTI	T
589	Fabrianese (1741, Apr 24)	E B	7.2	DOM	F
590	Basso Ionio (1743, Feb 20)	E C	21.4	CFTI	F
591	Calabria meridionale (1743, Dec 07)	E E	4.2	DOM	T
592	Fiuminata (1747, Apr 17)	E D	5.5	DOM	F
593	Gualdo Tadino (1751, Jul 27)	E C	9.5	DOM	F
594	Vallese (1755, Dec 09)	E C	5.5	CFTI	F
595	Aquilano (1762, Oct 06)	E E	5.5	CFTI	T
596	Spoletino (1767, Jun 05)	E E	2.1	DOM	T
597	Cosentino (1767, Jul 14)	E E	4.8	CFTI	T
598	Appennino romagnolo (1768, Oct 19)	E D	4.8	CFTI	F
599	Tramonti (1776, Jul 10)	E E	4.8	DOM	F
600	Calabria (1777, Jun 06)	E E	2.4	DOM	F
601	Faentino (1781, Apr 04)	E C	4.8	DOM	T
602	Cagliese (1781, Jun 03)	E B	8.3	DOM	F
603	Romagna (1781, Jul 17)	E D	2.4	CFTI	F
604	Calabria (1783, Feb 05)	E A	21.4	CFTI	F
605	Calabria meridionale (1783, Feb 06)	E E	5.5	CFTI	T
606	Calabria (1783, Feb 07)	E B	14.2	CFTI	F
607	Calabria centrale (1783, Mar 01)	E E	5.5	CFTI	F
608	Calabria (1783, Mar 28)	E A	21.4	CFTI	F
609	Sicilia nord-orientale (1786, Mar 10)	E E	6.3	CFTI	F
610	Riminese (1786, Dec 25)	E C	3.2	CFTI	F
611	Val Tiberina (1789, Sep 30)	E D	4.2	DOM	F
612	Calabria centrale (1791, Oct 13)	E C	5.5	CFTI	F
613	Tramonti (1794, Jun 07)	E E	2.8	DOM	F
614	Emilia orientale (1796, Oct 22)	E D	3.2	CFTI	F
615	Camerino (1799, Jul 28)	E D	5.5	DOM	F
616	Valle dell'Oglio (1802, May 12)	E C	3.2	CFTI	F
617	Molise (1805, Jul 26)	E B	14.2	CFTI	F

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
618	Colli Albani (1806, Aug 26)	E D	2.4	CFTI	F
619	Valle del Pellice (1808, Apr 02)	E B	3.7	CFTI	F
620	Sequals (1812, Oct 25)	E D	3.7	DOM	F
621	Alta Savoia (1817, Mar 11)	E E	2.8	CFTI	T
622	Catanese (1818, Feb 20)	E B	6.3	CFTI	F
623	Monti Iblei (1818, Mar 01)	E D	3.2	CFTI	F
624	Langhirano (1818, Dec 09)	E D	2.8	DOM	F
625	Liguria occidentale (1819, Jan 08)	E E	1.9	CFTI	T
626	Sicilia settentrionale (1823, Mar 05)	E B	4.8	CFTI	F
627	Rossano (1824, Dec 11)	E E	2.4	DOM	T
628	Basilicata (1826, Feb 01)	E E	3.7	CFTI	F
629	Manduria (1826, Oct 26)	E E	1.9	DOM	T
630	Palmi (1828, Mar 12)	E E	1.6	DOM	T
631	Valle dello Staffora (1828, Oct 09)	E C	3.7	CFTI	F
632	Lagonegro (1831, Jan 02)	E E	2.1	DOM	T
633	Reggiano (1831, Sep 11)	E D	2.4	CFTI	T
634	Foligno (1832, Jan 13)	E D	4.2	DOM	F
635	Crotonese (1832, Mar 08)	E C	12.4	CFTI	F
636	Reggiano (1832, Mar 13)	E C	2.8	CFTI	F
637	Alta Lunigiana (1834, Feb 14)	E B	3.2	DOM	F
638	Cosentino (1835, Oct 12)	E D	5.5	CFTI	F
639	Calabria settentrionale (1836, Apr 25)	E D	8.3	CFTI	F
640	Bassano (1836, Jun 12)	E D	2.4	DOM	F
641	Basilicata meridionale (1836, Nov 20)	E E	4.8	CFTI	F
642	Alpi Apuane (1837, Apr 11)	E C	3.2	DOM	F
643	Valnerina (1838, Feb 14)	E E	3.2	DOM	F
644	Campomaggiore (1846, Aug 08)	E E	1.6	DOM	T
645	Orciano pisano (1846, Aug 14)	E C	3.7	DOM	F
646	Basilicata (1851, Aug 14)	E B	9.5	CFTI	T
647	Irpinia (1853, Apr 09)	E D	5.5	CFTI	F
648	Cosentino (1854, Feb 12)	E C	8.3	CFTI	F
649	Liguria occidentale (1854, Dec 29)	E C	4.2	CFTI	F
650	Vallese (1855, Jul 25)	E C	4.8	CFTI	F
651	Basilicata (1857, Dec 16)	E A	24.5	CFTI	F
652	Cosentino (1870, Oct 04)	E C	8.3	CFTI	F
653	Meldola (1870, Oct 30)	E D	2.8	DOM	F
654	Marche meridionali (1873, Mar 12)	E B	5.5	CFTI	F
655	Bellunese (1873, Jun 29)	E B	9.5	CFTI	F
656	Monti della Meta (1873, Jul 12)	E C	1.9	CFTI	F
657	Liguria orientale (1873, Sep 17)	E C	2.4	DOM	F
658	Monti della Meta (1874, Dec 06)	E D	2.4	CFTI	T
659	Romagna sud-orientale (1875, Mar 17)	E B	4.2	CFTI	F

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
660	S. Marco in Lamis (1875, Dec 06)	E C	7.2	DOM	F
661	Montefalco (1878, Sep 15)	E D	2.8	DOM	F
662	Abruzzo meridionale (1881, Sep 10)	E D	2.8	CFTI	F
663	Casamicciola Terme (1883, Jul 28)	E D	4.2	CFTI	T
664	Campobasso (1885, Dec 26)	E D	1.9	DOM	F
665	Cosentino (1886, Mar 06)	E E	2.8	DOM	F
666	Liguria occidentale (1887, Feb 23)	E A	9.5	CFTI	F
667	Calabria settentrionale (1887, Dec 03)	E B	2.4	CFTI	T
668	Apricena (1889, Dec 08)	E B	2.8	DOM	F
669	Valle d'Ilasi (1891, Jun 07)	E A	3.7	CFTI	F
670	Area etnea (1894, Aug 08)	E D	1.6	CFTI	F
671	Calabria meridionale (1894, Nov 16)	E B	7.2	CFTI	F
672	Slovenia (1895, Apr 14)	E B	9.5	CFTI	F
673	Adriatico centrale (1897, Sep 21)	E D	2.4	DOM	F
674	Rieti (1898, Jun 27)	E B	2.4	DOM	F
675	Salò (1901, Oct 30)	E B	3.7	CFTI	F
676	Marsica (1904, Feb 24)	E D	3.2	CFTI	F
677	Alta Savoia (1905, Apr 29)	E B	4.2	CFTI	F
679	Calabria meridionale (1907, Oct 23)	E B	5.5	CFTI	F
680	Calabria meridionale (1908, Dec 28)	E A	32.1	CFTI	F
681	Bassa Padana (1909, Jan 13)	E A	2.4	DOM	F
682	Calabro messinese (1909, Jul 01)	E E	2.8	DOM	T
683	Irpinia-Basilicata (1910, Jun 07)	E A	4.8	CFTI	F
684	Area etnea (1911, Oct 15)	E D	1.6	CFTI	F
685	Calabria settentrionale (1913, Jun 28)	E B	3.2	CFTI	F
686	Area etnea (1914, May 08)	E C	1.6	CFTI	F
687	Tavernette (1914, Oct 26)	E C	1.9	DOM	F
688	Garfagnana (1914, Oct 27)	E A	4.2	DOM	F
689	Avezzano (1915, Jan 13)	E A	24.5	DOM	F
690	Alto Adriatico (1916, May 17)	E B	4.8	CFTI	F
691	Alto Adriatico (1916, Aug 16)	E B	5.5	CFTI	F
692	Monterchi-Citerna (1917, Apr 26)	E B	4.2	DOM	F
693	Appennino romagnolo (1918, Nov 10)	E C	4.2	CFTI	F
694	Mugello (1919, Jun 29)	E B	8.3	CFTI	F
695	Garfagnana (1920, Sep 07)	E A	12.4	CFTI	F
696	Slovenia (1926, Jan 01)	E C	3.7	CFTI	F
697	Isola di Salina (1926, Aug 17)	E D	1.6	DOM	F
698	Capo Vaticano (1928, Mar 07)	E D	5.5	DOM	F
699	Carnia (1928, Mar 27)	E A	4.2	DOM	F
700	Irpinia (1930, Jul 23)	E A	16.3	CFTI	F
701	Senigallia (1930, Oct 30)	E B	5.5	DOM	F
702	Maiella (1933, Sep 26)	E A	3.7	CFTI	F

ID Source	Source name	Quality	Radius (km)	Data source	Preferred
703	Bosco Cansiglio (1936, Oct 18)	E B	5.5	DOM	F
704	Offida (1943, Oct 03)	E C	4.8	DOM	F
705	Calabria centrale (1947, May 11)	E B	3.7	CFTI	F
706	Puglia settentrionale (1948, Aug 18)	E C	2.8	CFTI	F
707	Gran Sasso (1950, Sep 05)	E B	3.7	DOM	F
708	Irpinia (1962, Aug 21)	E B	8.3	CFTI	F
709	Monti Nebrodi (1967, Oct 31)	E C	2.4	CFTI	F
710	Valle del Belice (1968, Jan 15)	E B	7.2	CFTI	F
711	Parmense (1971, Jul 15)	E B	3.2	CFTI	F
712	Medio Adriatico (1972, Feb 04)	E C	1.2	CFTI	F
713	Medio Adriatico (1972, Jun 14)	E E	2.1	CFTI	T
714	Montefortino (1972, Nov 26)	E C	1.9	DOM	T
715	Friuli (1976, May 06)	E A	10.8	DOM	F
716	Friuli (1976, Sep 15)	E C	5.5	CFTI	F
717	Calabria meridionale (1978, Mar 11)	E B	1.9	CFTI	F
718	Golfo di Patti (1978, Apr 15)	E A	7.2	CFTI	F
719	Valnerina (1979, Sep 19)	E A	5.5	CFTI	F
720	Irpinia-Basilicata (1980, Nov 23)	E A	21.4	CFTI	F
721	Golfo di Policastro (1982, Mar 21)	E B	1.6	CFTI	F
722	Appennino abruzzese (1984, May 07)	E A	3.7	CFTI	F
723	Basilicata (1990, May 05)	E A	1.9	DOM	F
724	Sicilia sud-orientale (1990, Dec 13)	E B	2.4	CFTI	T
801	Capitanata	E C	16.3	CFTI	T
802	Golfo S. Eufemia	E A	28.1	CFTI	T

Appendix Id

Seismogenic Sources - Deep

This category contains seismogenic sources derived exclusively from intensity data following the method proposed by Gasperini *et al.* (1999) and for which the compiler hypothesised a depth larger than ordinary (usually below 10 km). They are represented as an hexagon. See § 2.2.3.6. for a detailed explanation of all parameters used to describe these sources and § 3.3.2.4. to learn how to visualise them within the computer version of the *Database*. Notice that sources of this category were assigned an ID ranging from 901 to 1000.

ID Source	Source name	Quality	Radius (km)	Data source
901	Cagliese (1781, Jun 03)	E B	8.4	DOM
902	Camerino (1799, Jul 28)	E D	5.3	DOM
903	Marche meridionali (1873, Mar 12)	E B	6.2	CFTI
904	Gran Sasso (1950, Sep 05)	E B	6.4	DOM
905	Garfagnana (1914, Oct 27)	E A	4.6	DOM
906	Emilia orientale (1796, Oct 22)	E D	4.4	CFTI
907	Bassa Padana (1909, Jan 13)	E A	3.2	DOM
908	Basilicata (1990, May 05)	E A	3.6	DOM