

Supplementary material

Table S1. Description of tsunami intensity levels according to the 12-degree tsunami intensity scale (Papadopoulos and Imamura 2001).

<i>Intensity degree (level)</i>	<i>Description</i>
I-Not felt	Not felt even under the most favorable circumstances. No effect. No damage.
II-Scarcely felt	Felt by a few people on board small vessels. Not observed at the coast. No effect. No damage.
III-Weak	Felt by most people onboard small vessels. Observed by a few people at the coast. No effect. No damage.
IV-Largely observed	Felt by all onboard small vessels and by a few people onboard large vessels. Observed by most people at the coast. A few small vessels move slightly onshore. No damage.
V-Strong	Felt by all onboard large vessels and observed by all at the coast. A few people are frightened and run to higher ground. Many small vessels move strongly onshore, and a few crash against each other or overturn. Traces of sand layer are left behind on ground in favorable conditions. Limited flooding of cultivated land. Limited flooding of outdoor facilities (e.g., gardens) of near-shore structures.
VI-Slightly damaging	Many people are frightened and run to higher ground. Most small vessels move violently onshore, strongly crash against each other, or overturn. Damage and flooding in a few wooden structures. Most masonry buildings withstand the effect.
VII-Damaging	Most people are frightened and try to run to higher ground. Many small vessels damaged. A few large vessels oscillate violently. Objects of variable size and stability overturn and drift. Sand layer and accumulation of pebbles are left behind. A few aquaculture rafts washed away. Many wooden structures damaged, and a few are demolished or washed away. Damage of grade 1 and flooding in a few masonry buildings.
VIII-Heavily damaging	All people escape to higher ground, but a few are swept away. Most small vessels are damaged and many are washed away. A few large vessels are washed ashore or crash against each other. Large objects drift away. Erosion and littering on the beach. Extensive flooding. Slight damage occurs in tsunami control forest, stop drifts. Many aquaculture rafts washed away, few partially damaged. Most wooden structures are washed away or demolished. Damage of grade 2 in a few masonry buildings. Most Reinforced Concrete (RC) buildings sustain damage, with damage of grade 1 and flooding observed in a few.
IX-Destructive	Many people are swept away. Most small vessels are destroyed or washed away. Many large vessels are moved ashore violently, a few are destroyed. Extensive erosion of and littering on the beach. Local ground subsidence. Partial destruction in tsunami control forest, stop drifts. Most aquaculture rafts washed away, many partially damaged. Damage of grade 3 in many masonry buildings, a few RC buildings suffer grade 2 damage.
X-Very destructive	General panic. Most people are swept away. Most large vessels are moved ashore violently, many are destroyed or collide with buildings. Small boulders from the sea bottom move inland. Cars overturned and drift. Oil spills, and fires started. Extensive ground subsidence. Damage of grade 4 in many masonry buildings, a few RC buildings suffer grade 3 damage. Artificial embankments collapse, and port water breaks damaged.
XI-Devastating	Lifelines interrupted. Extensive fires. Water backwash sweeps cars and other objects into the sea. Large boulders from the sea bottom move inland. Damage of grade 5 in many masonry buildings. A few RC buildings suffer grade 4 damage, many suffer grade 3 damage.
XII-Completely devastating	Practically all masonry buildings demolished. Most RC buildings suffer at least grade 3 damage.

Table S2. Tsunami intensity catalogue compiled in this study for PTRA in the Mediterranean and its connected seas. Area is the place where maximum intensity was observed. Conventional dates are marked in bold (see details in text). Impact is determined in terms of tsunami intensity, K, according to the 12-grade scale (Papadopoulos and Imamura 2001), SD(K)=standard deviation of K, Rel=reliability score, symbol (–) means BC. Key for main basins: CG=Corinth Gulf, EM=Eastern Mediterranean, WM=Western Mediterranean, MS=Marmara Sea, BS=Black Sea. Key for source type: EA=earthquake associated event (close to the coast), EL=earthquake landslide, ER=submarine earthquake, ES=earthquake marine slide, GL=gravitational landslide, GS=gravitational marine slide, MT=meteorological origin, VA=volcanic activity associated (close to the coast), VL=volcanic landslide, VO=submarine volcanic activity, UN=unknown cause.

Year	Month	Day	Basin	Area	Source type	K	SD(K)	Rel
-1613	7	1	EM	Crete–N. Egypt	VO	10	1.0	1.0
-620	7	1	EM	E. Sicily	EA	6	2.0	0.75
-530	7	1	EM	E. Sicily	EA	6	2.0	0.75
-479	7	1	EM	N. Aegean	UN	3	1.0	0.5
-450	7	1	EM	E. Sicily	EA	6	2.0	0.75
-426	10	15	EM	Evoikos Gulf	ER	8	1.0	1.0
-240	7	1	EM	E. Sicily	EA	6	2.0	0.75
-141	7	1	EM	Israel–Palestine	ER	7	1.0	0.5
-23	7	1	EM	E. Cyprus	ER	5	1.0	1.0
66	7	1	EM	W. Crete	ER	5	1.0	1.0
79	8	24	WM	Vesuvius	VO	3	1.0	0.5
148	7	1	EM	Rhodes Isl.	ER	7	1.0	0.5
235	7	1	EM	E. Sicily	EA	6	2.0	0.75
365	7	21	EM	Crete–N. Egypt	ER	10	1.0	1.0
545	7	1	EM	E. Sicily	EA	6	2.0	0.75
551	7	9	EM	Lebanon	ER	8	1.0	0.75
556	7	1	EM	Kos Isl.	ER	8	1.0	0.5
703	7	1	EM	E. Sicily	EA	6	2.0	0.75
746	1	18	EM	Israel–Palestine	ER	7	1.0	0.75
1033	12	5	EM	Israel–Palestine	ER	5	1.0	0.75
1068	5	29	EM	Israel–Palestine	ER	8	1.0	0.75
1112	6	20	WM	Campania	UN	3	0.5	0.5
1169	2	4	EM	E. Sicily	EA	8	1.0	1.0
1202	5	20	EM	Israel–Palestine	ER	7	1.0	0.75
1222	5	11	EM	Cyprus	ER	5	1.0	0.5
1270	3	1	EM	Ionian Sea	ER	5	1.0	0.75
1303	8	8	EM	Crete–N. Egypt	ER	10	1.0	1.0
1329	6	28	EM	E. Sicily	VA	3	0.5	0.5
1343	11	24	WM	Stromboli Isl.	VO	5	2.0	0.5
1348	1	25	EM	Venice	EA	3	0.5	0.5
1365	1	4	EM	Algeria	ER	8	1.0	0.75
1389	3	20	EM	Chios Isl.	ER	6	1.0	1.0
1392	7	1	WM	Stromboli Isl.	VO	5	2.0	0.5
1408	12	29	EM	Syria	ER	5	1.0	0.75
1456	12	5	WM	Naples Gulf	EA	5	2.0	0.5
1481	3	5	EM	Rhodes Isl.	ER	7	0.5	1.0
1494	7	1	EM	Crete Isl.	ER	4	1.0	0.75
1511	3	26	EM	Adriatic Sea	EA	5	1.0	0.5
1542	12	10	EM	E. Sicily	EA	9	1.0	0.25
1546	1	4	EM	Jaffa	ER	8	1.0	0.75

1564	7	20	WM	Antibes	EA	3	1.0	1.0
1609	4	15	EM	Rhodes Isl.	ER	8	1.0	1.0
1612	11	8	EM	Crete Isl.	ER	4	1.0	0.75
1624	3	19	EM	Adriatic Sea	EA	3	0.5	1.0
1627	7	30	EM	Adriatic Sea	EA	6	1.0	1.0
1631	12	17	WM	Naples	VA	4	0.5	1.0
1633	11	5	EM	Zakynthos Isl.	ER	5	1.0	0.75
1638	3	27	WM	Calabria	EA	3	0.5	0.5
1646	4	5	WM	Livorno	EA	4	0.5	1.0
1649	1	15	EM	Messina	ER	7	1.0	0.25
1650	10	10	EM	S. Aegean	VO	6	1.0	1.0
1667	4	6	EM	Dubrovnik	ER	5	1.0	1.0
1672	4	14	EM	Adriatic Sea	EA	3	0.5	1.0
1680	10	9	WM	Malaga	ER	7	1.0	1.0
1688	7	10	EM	Smyrna	ER	3	1.0	1.0
1693	1	9	EM	E. Sicily	ER	3	0.5	1.0
1693	1	11	EM	E. Sicily	ER	7	1.0	1.0
1698	5	14	WM	Naples	VA	3	0.5	0.5
1703	7	2	WM	Genoa	ER	4	1.0	0.5
1723	2	22	EM	Lefkas Isl.	ER	4	1.0	0.5
1725	6	4	WM	Algeria	UN	4	1.0	0.5
1725	6	29	WM	Liguria	UN	5	1.0	0.5
1726	9	1	WM	N Sicily	ER	3	0.5	1.0
1727	7	4	EM	Sicily	ER	3	0.5	0.5
1731	3	20	EM	Apulia	EA	4	0.5	1.0
1732	11	1	EM	Corfu	ER	3	0.5	0.5
1741	1	31	EM	Rhodes Isl.	ER	8	0.5	1.0
1741	2	15	EM	Crete Isl.	ER	4	1.0	0.75
1742	1	27	WM	Livorno	EA	3	0.5	1.0
1743	2	20	EM	Apulia	ER	3	0.5	0.5
1759	10	30	EM	Israel–Palestine	ER	7	0.5	1.0
1759	11	25	EM	Israel–Palestine	ER	8	0.5	1.0
1760	6	16	WM	Campania	ER	3	0.5	0.5
1772	11	24	EM	Chios	ER	5	0.5	0.75
1773	5	6	WM	Alboran	ER	4	0.5	0.5
1778	6	16	EM	Smyrna	ER	5	1.0	0.75
1780	9	21	WM	Dalmatia	ER	4	0.5	1.0
1783	2	5	WM	Calabria	EA	5	0.5	1.0
1783	2	6	EM	Messina	EL	10	1.0	1.0
1783	2	7	WM	Calabria	EA	3	0.5	0.5
1783	3	1	WM	Calabria	EA	3	0.5	0.75
1783	3	24	EM	Messina	GL	4	0.5	1.0
1783	3	28	WM	Calabria	EA	3	0.5	0.75
1784	1	7	EM	Calabria	ER	6	1.0	1.0
1784	1	9	WM	Calabria	ER	4	1.0	0.5
1784	1	19	EM	Messina	ER	5	0.5	1.0
1790	10	9	WM	Algeria	EA	5	1.0	0.75
1791	11	2	EM	Zakynthos Isl.	ER	4	1.0	1.0
1805	7	26	WM	Campania	EA	3	0.5	1.0
1808	4	2	WM	Liguria	EA	4	0.5	0.5
1809	7	3	WM	Liguria	UN	5	1.0	0.5
1818	2	20	EM	Sicily	EA	4	0.5	1.0
1820	12	29	EM	Zakynthos Isl.	ER	3	1.0	0.75
1823	3	5	WM	N. Sicily	ER	5	0.5	1.0
1828	10	9	WM	Liguria	EA	4	0.5	1.0
1831	5	26	WM	Liguria	ER	4	0.5	0.5
1833	1	19	EM	Albania	ER	5	1.0	0.75

1836	4	25	EM	Calabria	EA	5	1.0	1.0
1838	8	10	EM	Adriatic Sea	EA	3	0.5	0.5
1842	4	18	EM	Mane	EA	5	1.0	1.0
1845	8	16	EM	Dalmatia	ER	4	0.5	1.0
1846	8	14	WM	Livorno	EA	4	0.5	1.0
1851	10	12	EM	Albania	EA	4	0.5	1.0
1853	8	18	EM	Evia	ER	4	0.5	0.75
1855	2	28	EM	Fethiye	ER	4	0.5	0.5
1856	8	21	WM	Algeria	EA	5	0.5	1.0
1856	11	13	EM	Chios	ER	8	1.0	0.75
1866	1	2	EM	Albania	ER	7	1.0	1.0
1866	2	2	EM	Chios	ER	6	1.0	0.75
1866	2	6	EM	Kythira	ER	6	1.0	1.0
1866	3	6	EM	Albania	ER	7	1.0	0.75
1866	3	13	EM	Albania	ER	4	1.0	0.75
1867	2	4	EM	Ionian	ER	3	0.5	0.75
1867	9	20	EM	Gythio	ER	7	1.0	1.0
1869	12	28	EM	Valona	ER	4	0.5	0.75
1872	4	3	EM	SE Turkey	ER	6	0.5	0.75
1875	3	17	EM	Adriatic Sea	ER	5	0.5	1.0
1881	4	3	EM	Chios	ER	4	1.0	0.75
1883	6	27	EM	Ionian Sea	ER	4	1.0	0.75
1886	8	27	EM	Filiatra	ES	4	0.5	1.0
1887	2	23	WM	Liguria	ER	4	0.5	1.0
1888	7	30	WM	Liguria	ER	3	0.5	0.5
1889	12	8	EM	Gargano	EA	3	0.5	0.5
1891	1	15	WM	Algeria	EA	4	0.5	1.0
1893	2	9	EM	Samothraki	ER	4	0.5	1.0
1893	4	17	EM	Zakynthos Isl.	ER	2	1.0	0.75
1893	6	14	EM	Albania	ER	4	1.0	1.0
1894	4	27	EM	Atalanti	EL	2	0.5	1.0
1894	11	16	WM	Calabria	ER	4	0.5	1.0
1896	11	5	EM	Zakynthos Isl.	ER	2	0.5	0.75
1898	12	3	EM	Zakynthos Isl.	ER	2	0.5	0.75
1899	1	22	EM	Kyparissia	ES	4	0.5	1.0
1902	4	11	EM	Chalkis	EA	3	0.5	0.75
1902	7	5	EM	Thermaikos	ER	3	0.5	0.75
1905	1	20	EM	Magnesia	ER	3	0.5	0.75
1905	9	8	WM	Calabria	EA	5	1.0	1.0
1905	11	8	EM	Mt. Athos	ES	7	1.0	1.0
1907	10	23	EM	Calabria	EA	4	0.5	1.0
1908	12	28	EM	E. Sicily	ER	10	1.0	1.0
1912	1	24	EM	Ionian Sea	ER	3	1.0	0.5
1914	11	27	EM	Ionian Sea	EL	5	1.0	1.0
1915	1	27	EM	Ithaki	ER	3	0.5	0.75
1915	8	7	EM	Ionian Sea	ER	3	1.0	0.75
1916	7	3	WM	Stromboli Isl.	VO	4	1.0	1.0
1916	8	16	EM	Adriatic Sea	ER	3	0.5	1.0
1919	5	22	WM	Stromboli Isl.	VO	5	1.0	1.0
1920	12	18	EM	Albania	EA	8	1.0	1.0
1922	8	8	EM	Methana	ER	2	0.5	1.0
1926	8	17	WM	Aeolian islands	ER	3	0.5	0.5
1926	8	30	EM	Nafplio	ES	3	0.5	0.75
1930	9	11	WM	Stromboli Isl.	VO	5	0.5	1.0
1930	10	30	EM	Adriatic Sea	EA	6	1.0	1.0
1932	9	26	EM	Ierissos	ER	4	0.5	0.75
1938	7	20	EM	Oropos	EA	2	0.5	0.75
1940	1	15	WM	N. Sicily	EA	4	0.5	0.5

1941	1	20	EM	Cyprus	ER	3	0.5	1.0
1944	8	20	WM	Stromboli Isl.	VO	6	1.0	1.0
1944	10	6	EM	Edremit	ER	4	0.5	0.75
1947	10	6	EM	Methoni	ES	3	0.5	1.0
1948	2	9	EM	Karpathos	ER	7	0.5	1.0
1948	4	22	EM	Lefkada	ER	4	0.5	1.0
1949	6	18	EM	Israel	UN	3	0.5	0.5
1949	7	23	EM	Chios	ER	4	0.5	1.0
1953	8	12	EM	Cephalonia	EA	6	0.5	1.0
1953	9	10	EM	Paphos	EA	3	0.5	1.0
1954	2	2	WM	Stromboli Isl.	VO	4	0.5	1.0
1954	9	9	WM	Algeria	ES	2	0.5	1.0
1955	4	19	EM	Volos	ER	4	0.5	0.75
1956	7	9	EM	Cyclades	ER	8	0.5	1.0
1956	11	2	EM	Volos	ER	3	0.5	1.0
1962	1	11	EM	Dalmatia	ER	2	0.5	1.0
1962	5	28	EM	Lemnos	ER	3	0.5	0.75
1968	2	19	EM	Lemnos	ER	3	0.5	1.0
1968	4	18	WM	Liguria	ER	3	0.5	1.0
1979	4	15	EM	Montenegro	EA	7	1.0	1.0
1979	10	16	WM	Liguria	GS	4	0.5	1.0
1980	10	10	WM	Algeria	ES	2	0.5	1.0
1983	1	17	EM	Zakynthos Isl.	ER	3	0.5	0.75
1983	8	6	EM	N. Aegean	ER	3	0.5	0.5
1988	4	20	WM	Aeolian islands	GL	3	0.5	1.0
1990	12	13	EM	E. Sicily	ER	3	0.5	1.0
1991	1	4	EM	Icaria	MT	3	0.5	0.75
1991	5	7	EM	Leros	MT	4	0.5	1.0
2000	4	5	EM	Crete Isl.	ES	4	0.5	1.0
2000	5	26	EM	Preveza	ER	3	0.5	0.75
2002	3	24	EM	Rhodes Isl.	GS	5	1.0	1.0
2002	12	30	WM	Stromboli Isl.	VL	7	0.5	1.0
2003	5	21	WM	Algeria	ER	4	0.5	1.0
2004	8	24	WM	Liguria	GL	5	1.0	0.75
2009	7	1	EM	Crete Isl.	ER	4	0.5	1.0
2012	6	10	EM	Rhodes Isl.	ER	2	0.5	0.75
2015	11	17	EM	Croton	EA	2	0.5	1.0
2017	6	12	EM	Lesvos Isl.	ER	4	0.5	1.0
2017	7	20	EM	Kos Isl.	ER	5	0.5	1.0
2018	10	25	EM	S. Ionian Sea	ER	2	0.5	1.0
2020	5	2	EM	Crete Isl.	ER	3	0.5	1.0
2020	10	30	EM	Samos	ER	6	0.5	1.0