



Survey on risk perception of tsunami of seismogenetic origin

Please note: questions 13, 16, 18, 19, 22.1, 22.2, 22.3, 22.4, 23.2, 23.4 and 23.5 have been employed to build the RPI index and are therefore listed in blue

SECTION 1: SOCIO-DEMOGRAPHIC DATA AND INFORMATION ON RESPONDENTS' BELONGING TERRITORY

Province |_|_|

Municipality _____

1) **Gender** ☐ M ☐ F ☐ Not willing to declare it

2) **Age** |_|_|

3) **Education**

- ☐ Elementary licence
- ☐ Middle school licence
- ☐ Diploma of completion of secondary education
- ☐ University Degree
- ☐ Master's degree, PhD, other post-lauream titles
- ☐ No qualification

4) **Nationality**

- ☐ Italian
- ☐ Non-Italian

5) **How is your family household composed?** (multiple responses allowed)

- ☐ I live alone
- ☐ With adult(s)
- ☐ With children under 6 years
- ☐ With children under 6 years
- ☐ With elders
- ☐ With disabled / reduced mobility persons

6) **How many kilometres far from the shore do you live?**

- ☐ Within 1 km
- ☐ From 1 to 3 km
- ☐ Over 3 km
- ☐ I don't know

7) **How many generations is your family living on this coastline?** (Even in different households in the same area)

- ☐ My family was here from before my great-grandparents
- ☐ My great-grandparents lived there
- ☐ My grandparents lived there
- ☐ My father or my mother lived there
- ☐ We are the first generation settled here

SECTION 2: LEVEL OF AWARENESS AND SOURCES OF KNOWLEDGE ABOUT TSUNAMI HAZARD

8) **Have you ever heard about tsunami?**

- ☐ Yes ☐ No (if not, go to question 14.)

9) **Can you tell me which words do you associate with tsunami?**

- ☐ Earthquake; ☐ maremoto; ☐ large wave; ☐ port; ☐ flooding; ☐ rough sea;
- ☐ inundation; ☐ sea withdrawal; ☐ currents; ☐ strong wind.

10) **Can you tell me which words do you associate with maremoto?**

- ☐ Earthquake; ☐ maremoto; ☐ large wave; ☐ port; ☐ flooding; ☐ rough sea;
- ☐ inundation; ☐ sea withdrawal; ☐ currents; ☐ strong wind.

11) **Can you tell me which word sound more familiar to you?**

- ☐ Tsunami ☐ Maremoto

12) **If you already heard about tsunami, from which sources?** (multiple responses allowed)

- ☐ Books
- ☐ Newspapers
- ☐ Tv News
- ☐ Radio
- ☐ Internet
- ☐ Television programs / channels about science (SuperQuark, Focus, NatGeo etc.)
- ☐ Movies
- ☐ Civil Protection (#IoNonRischio – Maremoti, drills).
- ☐ Region, provinces or municipalities
- ☐ Research institutions / Universities
- ☐ Friends / relatives
- ☐ Other (specify)

_____ Other

13) **In the Mediterranean Sea the possibility of a tsunami / maremoto is:**

Not probable	Somewhat improbable	Neither improbable nor probable	Somewhat probable	Very probable
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14) **In your opinion, what are the causes that may trigger a tsunami / maremoto?**
(multiple responses allowed)

- ☐ Earthquakes
- ☐ Volcanic Eruptions
- ☐ Landslides
- ☐ Meteorites or asteroids at sea
- ☐ Weather phenomena
- ☐ Other (specify)

Other

☐ I don't know

SECTION 3: CONTEXTUAL PERCEPTION OF TSUNAMI HAZARD

15) **The coast of your municipality are mainly**

- ☐ Low and sandy
- ☐ Low and rocky
- ☐ With inlets / coves
- ☐ High and sandy
- ☐ High and rocky
- ☐ Without inlets / coves

16) **Do you think that the coasts of your municipality / province can be affected by a tsunami / maremoto?**

☐ Yes ☐ No ☐ I don't know

17) **In your opinion, which areas of the Mediterranean are more likely to be hit by tsunami / maremoto?** (multiple responses allowed)

My own region or closer ones (Molise, Puglia, Calabria, Calabria, Sicily, Campania, Lower Tyrrhenian Sea, Gulf of Taranto)	<input type="checkbox"/>
Western Mediterranean (Spain, Morocco, Algeria)	<input type="checkbox"/>
Central Mediterranean (Italy, France, Slovenia, Croatia, Montenegro, Bosnia Herzegovina, Albania, Greece, Tunisia, Malta, Libya)	<input type="checkbox"/>
Eastern Mediterranean (Coast Egypt, Israel, Lebanon, Syria, Turkey and Cyprus)?	<input type="checkbox"/>
I don't know	<input type="checkbox"/>

18) **If a tsunami / maremoto would hit your region, how much do you think the water level could rise with respect to the normal sea level?**

- ☐ Less than 50 cm
- ☐ Between 50 cm and 1 meter
- ☐ Between 1 meter and 3 meters
- ☐ Over 3 meters
- ☐ I don't know

19) **If a tsunami / maremoto would hit your region, how far from the shore could the water arrive?**

- ☐ Less than 1 meter
- ☐ From 1 to 10 meters
- ☐ From 10 to 99 meters
- ☐ From hundred meters to kilometers
- ☐ I don't know

20) **In your opinion, in case of tsunami / tsunami, to be dangerous for people near the shore how much should the water level with respect to the normal sea level?**

- ☐ Less than 50 cm
- ☐ Between 50 cm and 1 meter
- ☐ Between 1 meter and 3 meters
- ☐ Over 3 meters
- ☐ I don't know

21) **What kind of phenomena may precede the arrival of a tsunami / maremoto?**
(How far do you agree with the following statements?)

- ☐ A strong or long-lasting earthquake

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
---	---	--	--	--

- ☐ Sea withdrawal

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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- ☐ Sea level rise

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Strong sea currents

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ A strong and long-lasting uproar

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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22) **Try to figure out the effects of a tsunami / tsunami on the coasts of your region.
How far do you agree with the following statements?**

☐ Deaths or serious injuries

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Damage / destruction of households, buildings or infrastructures

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Impacts on natural environment (changes in coastal landscape, impacts on vegetation, crops, wild animals and livestock, etc.)

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Impacts on the economy and work (destruction of coastal enterprises, damages to tourism industry, scarcity of financial resources, etc.)

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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SECTION 4: REPRESENTATION OF TSUNAMIS

23) **How far do you agree with the following statements?**

☐ When you feel a strong earthquake near the coast one should flee to the beach

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ A tsunami waves can flood the coastal inlands for kilometers

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ A half-metre tsunami wave can drag an adult man into the sea

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Sometimes tsunamis can be preceded by sea withdrawal, even for several tens of metres.

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ In the Mediterranean sea tsunami with waves higher than twenty meters are possible

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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SECTION 5: CULTURAL ATTITUDES AND WORLDVISION

24) How far do you agree with the following statements?

☐ To move on in life you have to work hard and do what you are told to do

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ When a natural disaster occurs, authorities should impose severe and immediate punishment on those who break the rules

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ The healthiest society is the one based on competition between individuals

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ To deal with natural disasters individuals should prepare themselves before instead of waiting for someone to help them after

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Many conflicts could be resolved by a fairer division of workload and natural resources

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Natural disasters do not exist: it is only nature offended by man's arrogance and greediness, that rebels

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ When you do something for others you should not expect gratefulness

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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☐ Natural disasters serve to remind us that making plans is useless: our lives are determined by forces that we cannot control

Strongly disagree <input type="checkbox"/>	Somewhat disagree <input type="checkbox"/>	Neither agree nor disagree <input type="checkbox"/>	Somewhat agree <input type="checkbox"/>	Strongly Agree <input type="checkbox"/>
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SECTION 6: MESSAGES AND CHANNELS TO SPREAD TSUNAMI ALERT

25) In your opinion, is it possible to spread an early warning before the arrival of a tsunami on the way to the coast?

☐ Yes ☐ No ☐ I don't know (If answer is "not" or "I don't know" go to 25)

26) In your opinion, who should warn population about the impending arrival of a tsunami on the way to the coast?

1. _____
2. _____
3. _____

27) If a tsunami would hit your region's coastline, which channels would you prefer to receive an early warning? (max three answers)

<input type="checkbox"/> Television
<input type="checkbox"/> Radio
<input type="checkbox"/> Internet and social media
<input type="checkbox"/> E-mail
<input type="checkbox"/> Phone call (mobile or fixed telephone)
<input type="checkbox"/> Be advised by friends, neighbours or relatives
<input type="checkbox"/> SMS
<input type="checkbox"/> Smartphone application from official sources
<input type="checkbox"/> Sirens or other acoustic devices