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**HUNGA TONGA-HUNGA HA'APAI VOLCANIC ERUPTION AND TSUNAMI POST-EVENT  
ASSESSMENT QUESTIONNAIRE**

**PTWS TNCs, NTWCs and TWFPs are kindly requested to provide one national consolidated response through this online questionnaire for their country by 15 February 2022. Responses will be compiled and a publication released by 1 April 2022.**

**If you have difficulty submitting online, you may submit your Questionnaire by email using a fillable-PDF form to the IOC PTWS Technical Secretary or the ITIC:**

**Bernardo Aliaga, PTWS Technical Secretary, [b.aliaga@unesco.org](mailto:b.aliaga@unesco.org)**

**Laura Kong, Director, International Tsunami Information Center, [laura.kong@noaa.gov](mailto:laura.kong@noaa.gov)**



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ASSESSMENT QUESTIONNAIRE**

**CONTACT DETAILS**

Country

Contact Name

Name of Organization

Address

Phone

E-mail

Name of National Tsunami Warning Centre (NTWC)

NTWC Contact Email

Name of National Disaster Management Office or equivalent (NDMO)

NDMO Contact Email



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**SECTION A – INFORMATION FROM TSUNAMI SERVICE PROVIDER (To be completed by  
NTWC)**

A.1. When did you receive the first (1st) information that a big volcanic eruption had occurred? Who provided this information? Please list the time (UTC) and information source.

Time (UTC):

How (Information Source):

A.2. How did you receive the first (1st) information about the big volcanic eruption?

- Email
- Phone
- Fax
- SMS
- GTS
- Website
- Other (please specify):

A.3. Did you receive tsunami messages from the PTWS TSP (Pacific Tsunami Warning Center)?

- Yes
- No

If the answer to question A.3. is Yes, please fill out the tables below (A.4-6) (all times in UTC)

PTWC Messages (Msg)

- |                                |                                     |
|--------------------------------|-------------------------------------|
| 1: 0623 UTC, 15 Jan, Message 1 | 7: 2006 UTC, 15 Jan, Message 7      |
| 2: 0720 UTC, 15 Jan, Message 2 | 8: 2146 UTC, 15 Jan, Message 8      |
| 3: 0852 UTC, 15 Jan, Message 3 | 9: 2311 UTC, 15 Jan, Message 9      |
| 4: 1246 UTC, 15 Jan, Message 4 | 10: 0043 UTC, 16 Jan, Message 10    |
| 5: 1432 UTC, 15 Jan, Message 5 | 11: 0145 UTC, 16 Jan, Message 11    |
| 6: 1645 UTC, 15 Jan, Message 6 | 12: 0246 UTC, 16 Jan, Final Message |

A.4. What time were the messages received (UTC)?

	Date	Hours	Minutes
PTWC Msg 1			
PTWC Msg 2			
PTWC Msg 3			
PTWC Msg 4			
PTWC Msg 5			
PTWC Msg 6			
PTWC Msg 7			
PTWC Msg 8			
PTWC Msg 9			
PTWC Msg 10			
PTWC Msg 11			
PTWC Msg 12			

Comments

A.5. How were the messages received?

	Msg 1	Msg 2	Msg 3	Msg 4	Msg 5	Msg 6	Msg 7	Msg 8	Msg 9	Msg 10	Msg 11	Msg 12
GTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

A.6. Was the TSP (PTWC) website accessible?

	Yes	No
PTWC Msg 1	<input type="radio"/>	<input type="radio"/>
PTWC Msg 2	<input type="radio"/>	<input type="radio"/>
PTWC Msg 3	<input type="radio"/>	<input type="radio"/>
PTWC Msg 4	<input type="radio"/>	<input type="radio"/>
PTWC Msg 5	<input type="radio"/>	<input type="radio"/>
PTWC Msg 6	<input type="radio"/>	<input type="radio"/>
PTWC Msg 7	<input type="radio"/>	<input type="radio"/>
PTWC Msg 8	<input type="radio"/>	<input type="radio"/>
PTWC Msg 9	<input type="radio"/>	<input type="radio"/>
PTWC Msg 10	<input type="radio"/>	<input type="radio"/>
PTWC Msg 11	<input type="radio"/>	<input type="radio"/>
PTWC Msg 12	<input type="radio"/>	<input type="radio"/>

Other (please specify)

A.7. Did you receive tsunami-related information from other sources? If Yes, please provide the time (UTC):

- Yes
- No

If the answer to question A.7. is Yes, please fill out the tables below (A.8-10) (all times in UTC)

A.8. What time was this information received (UTC) from other sources?

	Hours	Minutes
Other Message 1		
Other Message 2		
Other Message 3		
Other Message 4		
Other Message 5		

Additional Other Messages, or Comments

A.9. How was this information received from other sources?

	Other Message 1	Other Message 2	Other Message 3	Other Message 4	Other Message 5
GTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Other Messages, or Comments

A.10. Was the Other Information Source's website accessible?

	Yes	No
Other Message 1	<input type="radio"/>	<input type="radio"/>
Other Message 2	<input type="radio"/>	<input type="radio"/>
Other Message 3	<input type="radio"/>	<input type="radio"/>
Other Message 4	<input type="radio"/>	<input type="radio"/>
Other Message 5	<input type="radio"/>	<input type="radio"/>

Additional Other Messages, or Comments:





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**SECTION B – NATIONAL ACTIONS**

**The purpose of this section is to find out what actions were taken by National Tsunami Warning Centres, including independent analysis of the tsunami event, notification of relevant organizations, issuing and cancellation of warnings.**

B.1. Was any action taken BEFORE receiving the TSP PTWC messages?

Yes

No

If Yes, please give details. Include time (UTC) and action:

B.2. What action was taken AFTER receiving the PTWC messages? Please list times (UTC) as well as actions. Include details of organizations or government agencies contacted.

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Action Taken  
(Time UTC)

Additional Actions or  
Comments:

B.3. Did your National Tsunami Warning Centre issue a tsunami warning and other tsunami related information to other agencies or organizations, and/or the Public?

Yes

No

Comments

If the answer to question B.3. is No, please go to Section C.

If the answer to question B.3. is Yes, please specify the type of information released, time (UTC), and to which agencies or organisations (B.4-6).

**B.4. Type of Information released to agencies or organisations (Tick all that apply):**

- Warning (Evacuate to high ground or inland)
- Marine Warning / Advisory (Stay out of water, away from beaches and waterways)
- Watch (Prepare, more information to follow)
- Information (No tsunami threat or no action needed at this time)

Comment

**B.5. Time of Information released to agencies or organisations (please list times (UTC) as needed):**

Warning	<div style="border: 1px solid black; height: 25px;"></div>
Marine Warning / Advisory	<div style="border: 1px solid black; height: 25px;"></div>
Watch	<div style="border: 1px solid black; height: 25px;"></div>
Information	<div style="border: 1px solid black; height: 25px;"></div>
Other (Please specify):	<div style="border: 1px solid black; height: 25px;"></div>

**B.6. Information released directly to which agencies or organisations (Tick all that apply):**

- National Disaster or Emergency Management Agency
- Media
- First Responder (such as Police, Fire, Ocean / Beach Safety)
- Critical Infrastructure or Utilities (Electricity, Gas, etc)
- Marine or Port Authority
- Tourism Sector – Hotels
- Health Sector – Hospitals
- Education Sector - Schools
- Civil Society (social, gender, culture, age, language, religious, and other organizations)
- Other (please specify):



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**SECTION B – NATIONAL ACTIONS**

B.7. How was the warning or other tsunami related information issued to agencies or organisations (Tick all that apply)?

- Phone - dedicated line
- Phone - commercial line
- SMS
- Email
- Fax
- Radio – dedicated
- Social Media (Please specify)
- Other Methods (Please specify)

Comments

B.8. Was a tsunami warning and other tsunami related information issued to the Public?

- Yes
- No

**B.9. Type of Information issued to Public (Tick all that apply):**

- Warning
- Marine Warning / Advisory
- Watch
- Information
- Other (Please specify)

Comments

**B.10. Time of Information issued to Public (please list times (UTC) as needed):**

Warning	<div style="border: 1px solid black; height: 20px;"></div>
Marine Warning / Advisory	<div style="border: 1px solid black; height: 20px;"></div>
Watch	<div style="border: 1px solid black; height: 20px;"></div>
Information	<div style="border: 1px solid black; height: 20px;"></div>
Other (Please specify):	<div style="border: 1px solid black; height: 20px;"></div>

**B.11. Authority issuing information to Public:**

- National Tsunami Warning Center (NTWC)
- National Disaster Management Office (NDMO), National Emergency Management Agency (NEMA), or equivalent
- Local Disaster Management Office (DMO), Emergency Management Agency (EMA), or equivalent
- Other (Please specify)

Comments:

**B.12. Was the decision to issue or not to issue a tsunami warning to the Public based on information from the TSP (PTWC), from Other Sources, and/or determined by your National Tsunami Warning Centre (Tick all that apply)?**

- TSP PTWC
- National TWC
- Other Sources (Please specify)

Comments:

B.13. If a Tsunami Warning or Marine Warning / Advisory was issued to the Public, was a tsunami arrival time or wave height forecast provided?

- Yes, Tsunami Arrival Time forecast
- Yes, Tsunami Wave Height forecast
- Yes, both a Tsunami Arrival Time and Wave Height forecast
- No Arrival Time or Wave Height forecast

Comments

B.14. How was the warning/information communicated to the Public (Tick all that apply)?

- Telephone
- SMS
- Cell/mobile phone broadcast
- Radio
- TV
- Twitter
- Facebook
- RSS
- Websites
- Sirens
- Public announcement systems
- Public call centre
- Police
- Door-to-door announcements
- Other (Please specify), and Comments

**B.15. Who is responsible for communicating with the Media?**

- NTWC/TWFP
- NDMO
- Both NTWC/TWFP and NDMO
- Local / Regional DMO
- Other (Please specify)

Comments

**B.16. Did your National Tsunami Warning Centre or Disaster Management Office send tsunami warning or other tsunami related information to the National Media?**

- Yes
- No

Comments:

If the answer to question B.16. is Yes, please specify:

**B.17. Method of communication used to send to National Media (Tick all that apply)**

- Phone
- Email
- Fax
- SMS
- Other (please specify):



B.18. Type of electronic media (Tick all that apply)

- TV
- Radio
- Website
- Social Media
- Other (please specify):

B.19. If TV or Radio used, please list the TV and radio stations:

B.20. Method of information broadcast by National Media (Tick all that apply)

- Programme Interruption (TV, radio)
- Scrolling/running text (TV)
- Other (please specify)

B.21. Time (UTC) of first broadcast by National Media

B.22. If a Warning or Marine Warning/Advisory was issued, at what time was it cancelled (UTC)?

Time (UTC):

B.23. What was the reason for the cancellation?

- No damaging waves
- Other (Please specify)

Comments:

B.24. How was this information communicated to the Public? (Tick all that apply)?

- Telephone
- SMS
- Cell/mobile phone broadcast
- Radio
- TV
- Twitter
- Facebook
- RSS
- Websites
- Sirens
- Public announcement systems
- Public call centre
- Police
- Door-to-door announcements
- Other (please specify):

B.25. Were there any communication problems with distributing the tsunami warning or cancellation information? (e.g., mobile phone network or websites overload or broken, people not answering phones, etc).

- Yes
- No

If Yes, please provide details or Comments:



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**SECTION C – NATIONAL RESPONSE**

**The purpose of this section is to find out what the national and local response was to the event after the Tsunami Warning or Marine Warning / Advisory had been issued by the National Tsunami Warning Centre.**

C.1. Were any actions taken by the National Disaster Management Office (NDMO, or equivalent national response organization)?

- Yes
- No

C.2. If the answer to question C.1. is Yes, what actions were taken? Please list times (UTC) as well as actions. Include details of organizations or government agencies.

Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Comments:	<input type="text"/>

C.3. Did the National Disaster Management Office (or equivalent national response organization) maintain communication with the National Tsunami Warning Centre throughout the event?

- Yes
- No

C.4. If the answer to question C.3. is Yes, what information was shared (Tick all the apply):

- Tsunami Source information (volcanic eruption time, location)
- Tsunami Wave Information (wave forecast arrival time and/or amplitude), wave observations
- Alert level (warning, marine warning, watch, information, etc)
- Evacuation guidance or Evacuation areas reports
- Safe-to-return or All-Clear guidance or reports
- Other (please specify), Comments:

C.5. Did the National Disaster Management Office (or equivalent national response organization) maintain communication with Local or Regional disaster management organisations (or equivalent)?

- Yes
- No

Comments

C.6. If the answer to question C.5. is Yes, what information was provided by the NDMO (or equivalent national response organization) (Tick all the apply):

- Tsunami Source information (volcanic eruption time, location)
- Tsunami Wave Information (wave forecast arrival time and/or amplitude), wave observations
- Alert level (warning, marine warning, watch, information, etc)
- Evacuation guidance or Evacuation areas reports
- Safe-to-return or All-Clear guidance or reports
- Other (please specify):

C.7. Were any actions taken by the Local or Regional disaster management offices (or equivalent)?

- Yes
- No

C.8. If the answer to question C.7. is Yes, what actions were taken? Please list times (UTC) and actions. Include details of organizations or government agencies.

Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Action Taken (Time UTC)	<input type="text"/>
Comments:	<input type="text"/>

C.9. Were any areas evacuated?

Yes

No

C.10. If the answer to question C.9. is Yes, provide details on the areas evacuated, time (UTC), and estimated number of people evacuated.

Area evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Area Evacuated

Time (UTC)

Nbr of people

Comments:

C.11. Were Tsunami Inundation Maps available for evacuated areas?

Yes

No

Comments:

C.12. Were Tsunami Evacuation Maps available for evacuated areas?

Yes

No

Comments:

C.13. If an evacuation occurred, did the process happen smoothly?

Yes

No

If No, please provide details of problems encountered:

C.14. Did people in some areas self-evacuate before a Warning was issued?

Yes

No

None of the above

Comments

C.15. If the answer to question C.14. is Yes, please provide details on the area, time (UTC), and estimated number of people who self-evacuated.

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Area Self-evacuated

Time (UTC)

Nbr of people

Comments:





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**SECTION D – MONITORING AND MODELLING**

D.1. Were sea level data monitored during the event?

- No
- Yes, all Pacific Stations
- Yes, some Pacific Stations

Comment

D.2. How where the stations monitored? (Tick all that apply)

- GTS using NTWC tools
- Tide Tool
- IOC Sea Level Station Monitoring Facility
- Other Sources or Tools (please specify):

D.3. If the answer to question D.3. is No, does your National Tsunami Warning Centre know how to access sea level data over the GTS, on the IOC Sea Level Station Monitoring Facility, or by Tide Tool?

	Yes	No
GTS	<input type="radio"/>	<input type="radio"/>
IOC Sea Level Facility	<input type="radio"/>	<input type="radio"/>
Tide Tool	<input type="radio"/>	<input type="radio"/>

Comments:

D.4. Did your National Tsunami Warning Centre use any numerical model tsunami scenarios during the event (deep-ocean propagation and/or coastal inundation models)?

- Yes
- No

If Yes, please describe tools or software, and how they were used:



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**SECTION E – COMMUNITY PREPAREDNESS**

E.1. From 0 (none) to 4 (very high), please rank the scientifically-assessed level of tsunami hazard, the level of community awareness of that hazard, and the level of pre-existing community tsunami preparedness in 5 of the main communities affected by this event.

Please list the names of the communities:

Community 1:

Community 2:

Community 3:

Community 4:

Community 5:

**E.2. Scientifically-assessed Level of Tsunami Hazard**

	0	1	2	3	4
Community 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

E.3. Level of Community Awareness

	0	1	2	3	4
Community 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

E.4. Level of Pre-existing Community Tsunami Preparedness

	0	1	2	3	4
Community 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

E.5. Were there any Tsunami Preparedness activities in these Communities, or nationally, prior to the event?

- Yes
- No

Comments:

E.6. If the answer to question E.5. is Yes, what Preparedness activities were conducted? Please provide dates in Comments (Tick all the apply):

- Tsunami Education in school
- Participatory evacuation planning
- Evacuation map made
- Safe Assembly Area or Evacuation facilities identified
- Tsunami Exercise
- Other (Please specify)

Other (Please specify), Dates of activities, and Comments

E.7. Has there been any government support with regards to the following prior to the event (Tick all the apply)?

- Tsunami Signage
- Vertical Evacuation Sites and Procedures
- Hazard Maps
- Evacuation Maps
- Evacuation Route Mapping
- Other (please specify)



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**SECTION F – CAPACITY DEVELOPMENT REQUIREMENTS**

**Capacity development is a fundamental component of all IOC UNESCO programmes. To assist us to prioritise and plan our future training activities within our limited resources, please indicate the training needs you consider to be a high priority for your country.**

F.1. What training events or other assistance from IOC would be useful for your NTWC, NDMO, and other response organizations in the next 12 months? (Tick all that apply, and provide your priority)

- Seismic training
- Sea Level training
- Risk Assessment training
- Standard Operating Procedures training
- Inundation Modelling training
- Evacuation Mapping training
- Community Awareness and Preparedness training
- Exercises and Drills training
- Media Awareness training
- Other support requested (Please specify).

If multiple supports are ticked, please list your priority order.



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**SECTION G – OTHER INFORMATION**

G.1. Please feel free to provide any further information you would like to be included in the report. This could include comments which you can type below, or attachments such as photographs, or any other documents you consider relevant. We would particularly welcome copies of any national post-event assessment reports that are available.

Please send attachments to the PTWS Technical Secretary or the ITIC Director.



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Thank you for participating in UNESCO/IOC's Hunga Tonga - Hunga Ha'apai Volcanic Eruption and Tsunami Post-Event Assessment Questionnaire.

If you have further questions or need additional tsunami information, please do not hesitate to contact:  
Bernardo Aliaga ([b.aliaga@unesco.org](mailto:b.aliaga@unesco.org)), ICG/PTWS Technical Secretary  
Laura Kong, ITIC Director ([laura.kong@noaa.gov](mailto:laura.kong@noaa.gov))

Click "Done" to submit your Post-Event Assessment Questionnaire.