

Introduction and Background

**ONLINE QUESTIONNAIRE AVAILABLE UNTIL 31 March 2022.**

**Dear CARIBE-EWS Tsunami National Contact/National Tsunami Warning Center/Tsunami Warning Focal Point:**

The CARIBE WAVE 22 exercise took place on March 10, 2022. The main objectives of the exercise were for Members States/Territories to exercise and evaluate communications with the Regional Tsunami Service Provider and their tsunami procedures and programs.

It was left up to each country to decide at what scale the exercise would be carried out, especially in the light of the ongoing coronavirus pandemic. But, it was recommended to at least validate the receipt of the messages distributed by the Pacific Tsunami Warning Center (PTWC), and in the case of Central America, by the Central America Tsunami Advisory Center (a candidate Tsunami Service Provider).

Questions on the status of the implementation of the Tsunami Ready and TsunamiReady programs are included in this questionnaire. At the end of the questionnaire, there is space for countries to comment on any additional activity or observation.

It should take only 15 minutes to complete.

Every officially designated Tsunami National Contact, National Tsunami Warning Center, or Tsunami Warning Focal Point for the Member States and Territories within the UNESCO ICG CARIBE-EWS framework is kindly requested to complete this form by March 31, 2022, even if the participation was limited to the PTWC/CATAC-TWFP/NTWC communications test component.

Only one questionnaire should be completed for each MS/Territory.

Thank you for your participation.

If you have any questions or problems, please contact:

Elizabeth Vanacore, PRSN, CARIBE WAVE 22 Exercise Chair (elizabeth.vanacore@upr.edu)  
Christa von Hillebrandt-Andrade, ITIC-CAR Deputy Director (christa.vonh@noaa.gov)

Instructions and Member State/Territory Contact Information

**Tsunami National Contacts(TNC)/Tsunami Warning Focal Points(TWFP)/National Tsunami Warning Center(NTWC) are requested to:**

- Answer each statement with Yes, No, or Not Applicable by selecting the relevant box.
- If needed, please add comments to explain/expand Yes, No, or Not Applicable answers.

\* 1. Contact Information.

Member State/Territory

\* 2. -

Agency

Organization

\* 3. -

Name (First, Last)

Position or Job Title

Telephone

Mobile

Email address

Exercise and evaluate communications between PTWC and Member States/Territories

**Validate the receipt of tsunami products by CARIBE-EWS Tsunami Warning Focal Points (TWFPs) and/or National Tsunami Warning Centers (NTWCs).**

4. Did your country's Tsunami Warning Focal Points/National Tsunami Warning Center receive the PTWC CARIBE WAVE 22 **Dummy (Start of Exercise) Message**?

Yes

No

Comments:

5. The PTWC issued the CARIBE WAVE 22 **Dummy Message** by several methods. Please check all methods through which the message was received by the TWFP/NTWC.

	Yes	No	Not Applicable
WMO Information System (GTS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WMO Information System (WIS (GISC Email))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WMO Information System (WIS (GISC FTP))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NWWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AISR/AFTN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EMWIN/HRIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GEONETCast Americas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email from PTWC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social Media	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify)

6. The PTWC issued the CARIBE WAVE 22 **Dummy Message** by several methods. Please indicate the time at which the message was received by the TWFP/NTWC in the different systems.

	Hour	Minutes	Time Zone
WMO Information System (GTS)	<input type="text"/>	<input type="text"/>	<input type="text"/>
WMO Information System (WIS (GISC Email))	<input type="text"/>	<input type="text"/>	<input type="text"/>
WMO Information System (WIS (GISC FTP))	<input type="text"/>	<input type="text"/>	<input type="text"/>
AISR/AFTN	<input type="text"/>	<input type="text"/>	<input type="text"/>
EMWIN/HRIT	<input type="text"/>	<input type="text"/>	<input type="text"/>
GEONETCast Americas	<input type="text"/>	<input type="text"/>	<input type="text"/>
Fax	<input type="text"/>	<input type="text"/>	<input type="text"/>
Email from PTWC	<input type="text"/>	<input type="text"/>	<input type="text"/>
Social Media	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other means	<input type="text"/>	<input type="text"/>	<input type="text"/>

7. Were there any problems with the receipt of PTWC CARIBE WAVE 22 **Dummy (Start of Exercise) Message?**

- Yes
- No
- Not Applicable

Comments:

8. Did the Tsunami Warning Focal Point / National Tsunami Warning Center receive any message from an organization other than the PTWC (e.g. Puerto Rico Seismic Network, Caribbean Disaster Emergency Management Agency)? If yes, please use the comment box to indicate the agencies you received the message from.

- Yes
- No

Comments:

9. Did the TWFP/NTWC prepare and issue messages to relevant in-country agencies for CARIBE WAVE 22?

If yes, please mention the agencies.

Yes

No

Comments:

10. Did your TWFP/NTWC receive by email from PTWC the **simulated exercise messages** (Western Muertos Trough or Northern Panama scenario) at the times specified in the Exercise Manual?

Yes

No

Not Applicable

Comments:

11. Did your country's Tsunami Warning Focal Point/National Tsunami Warning Center receive the exercise messages from CATAC?

Yes

No

Not Applicable

Exercise and evaluate communications between CATAC and Central American Member States/Territories

12. CATAC issued the CARIBE WAVE 22 **Dummy Message** by several methods. Please check all methods through which the message was received by the TWFP/NTWC.

	Yes	No	Not Applicable
Email from CATAC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WhatsApp/Telegram	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CATAC Webpage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify)

13. CATAC issued the CARIBE WAVE 22 **Dummy Message** by several methods. Please indicate the time at which the message was received by the TWFP/NTWC in the different systems.

	Hour	Minutes	Time Zone
Email from CATAC	<input type="text"/>	<input type="text"/>	<input type="text"/>
WhatsApp/Telegram	<input type="text"/>	<input type="text"/>	<input type="text"/>
CATAC Webpage	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other means	<input type="text"/>	<input type="text"/>	<input type="text"/>

14. Were there any problems with the receipt of CATAC CARIBE WAVE 22 **Dummy (start of exercise) Message?**

- Yes
- No
- Not Applicable

Comments:

15. Did your TWFP/NTWC receive by email from CATAC the **simulated exercise messages** (Northern Panama scenario)?

- Yes
- No
- Not Applicable

Comments:

Type of exercise

16. What type of activity was conducted for CW22?

- International Communication Test Portion (PTWC-TWFP/NTWC)
- National Communication Test Portion
- Full-scale Exercise
- Tabletop Exercise
- Drill Exercise
- Functional Exercise
- Virtual Presentation
- In Person Presentation
- Press Conference
- Test of Emergency Response Plans
- Other (please specify)

Comments:





20. Did news media participate and cover the exercise? (Please provide the photos/videos through email to [christa.vonh@noaa.gov](mailto:christa.vonh@noaa.gov) and [stephanie.soto@noaa.gov](mailto:stephanie.soto@noaa.gov) and electronic links if applicable at <https://www.tsunamizone.org/share/>)

Yes

No

Comments:

21. Where are the exercise photos/videos shared? Please share the website or social media links where these are posted.

22. Were social scientists engaged in exercise planning/activities?

Yes

No

Comments:

23. Were persons with disabilities and their representative organization engaged in the exercise?

Yes

No

Comments:

CARIBE EWS Tsunami Ready recognition program

The CARIBE-EWS Community Performance Based Tsunami Recognition Program, Tsunami Ready, seeks to save lives and livelihoods through better community planning, education and awareness and operations. Some countries in the region have received TsunamiReady® recognition thru the US National Weather Service (NWS) for US Territories only, the US NWS/UNESCO pilot project or CARIBE EWS Tsunami Ready recognition.

In 2015 Tsunami Ready guidelines were recommended and approved by CARIBE EWS and UNESCO IOC. A copy of the requirements can be accessed at [http://itic.ioc-unesco.org/index.php?option=com\\_content&view=category&id=2234&Itemid=2758](http://itic.ioc-unesco.org/index.php?option=com_content&view=category&id=2234&Itemid=2758).

24. Is your country implementing the Community Performance Based Tsunami Recognition Program (TsunamiReady® or Tsunami Ready)?

Yes

No

Comments:

**For more information on the TsunamiReady programme, visit:**

**[http://itic.ioc-unesco.org/index.php?](http://itic.ioc-unesco.org/index.php?option=com_content&view=category&layout=blog&id=2234&Itemid=2758)**

**[option=com\\_content&view=category&layout=blog&id=2234&Itemid=2758](http://itic.ioc-unesco.org/index.php?option=com_content&view=category&layout=blog&id=2234&Itemid=2758)**

25. Is your country interested in implementing the Community Performance Based Tsunami Recognition Program (TsunamiReady® or Tsunami Ready)?

Yes

No

Comments:

26. What is the target number of Tsunami Ready communities in your country/territory for TsunamiReady® or Tsunami Ready recognition?

Communities

Comments:

27. How many communities have been recognized in your country/territory for TsunamiReady® or Tsunami Ready?

Communities

Comments:

28. Are tsunami inundation maps available for your Country/Territory? Select from the following list.

Yes

No

Local Scenario

Regional Scenario

Distant Scenario

Comments:

29. Is tsunami information publicly displayed in your Country/Territory? Select from the following list.

	Yes	No
Tsunami Hazard Zone Sign	<input type="radio"/>	<input type="radio"/>
Tsunami Evacuation Route Sign	<input type="radio"/>	<input type="radio"/>
Tsunami Assembly Points Sign	<input type="radio"/>	<input type="radio"/>
Entering/Leaving Tsunami Hazard Zone Sign	<input type="radio"/>	<input type="radio"/>
Tsunami Response Education Sign	<input type="radio"/>	<input type="radio"/>
Tsunami Ready Sign	<input type="radio"/>	<input type="radio"/>
Tsunami Mural	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>

Comments:

30. Are tsunami evacuation maps available for your Country/Territory? Select from the following list.

	Yes	No
Local Scenario	<input type="radio"/>	<input type="radio"/>
Regional Scenario	<input type="radio"/>	<input type="radio"/>
Distant Scenario	<input type="radio"/>	<input type="radio"/>

Comments:

31. Does the TWFP/NTWC/NDMO have standard operating procedures in place for the receipt and dissemination of tsunami alerts?

- Yes  
 No

Comments:

GENERAL OBSERVATIONS

32. Rate Overall Satisfaction with the Exercise

Not at all  
satisfied

Extremely  
Satisfied

Rating

Comments:

33. How did you find the exercise useful?

34. How many people do you estimate participated in the exercise within your country/territory? In addition to national statistics, can also refer to registrations on <https://tsunamizone.org>

35. Please provide a general statement on your CARIBE WAVE 22 Tsunami Exercise experience or any additional comments related to the exercise or Tsunami Ready