



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

INTRODUCTION

Thank you for participating in UNESCO/IOC's Exercise Pacific Wave 2016!

Please take the time to thoughtfully complete the PacWave16 Exercise Evaluation Questionnaire. Your feedback is essential.



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

INSTRUCTIONS

Prior to completing this Online Survey, please read these instructions carefully.

Completing this Online Survey:

- (1) Please answer each question or statement. Most questions/statements require a "Yes" or "No" response.
- (2) An optional "Comments" box following each question/statement can be used to explain/expand upon the response.

The PacWave16 National Contact should complete and submit the PacWave16 Evaluation Form by 26 February 2016 (https://www.surveymonkey.com/r/pacwave16_eval).

If there are problems or questions, please contact the PacWave16 Task Team co-Chairs (Laura Kong, laura.kong@noaa.gov; Jo Guard, jo.guard@dpmc.govt.nz; Tomoaki Ozaki, hokusei@eqvol2.kishou.go.jp)

Remember:

- Only ONE (1) Online Survey should be submitted per country. If there were multiple participants, it is requested that the PacWave16 National Contact, Country Tsunami National Contact, or Country Tsunami Warning Focal Point collate the individual evaluations, summarize, and then submit only 1 Online Survey.
- DEADLINE for submitting Online Survey is 26 February 2016 .



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

CONTACT INFORMATION

Country

Agency

Contact Name

Contact Position

Contact Phone

Contact Mobile

Contact E-mail



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

COUNTRY EXERCISE SCENARIO

Country Exercise Scenario (select scenario used)

- ☐ Kuril-Kamchatka Trench (Kamchatka)
- ☐ Japan Trench (Off Northern Japan)
- ☐ Nansei-Shoto Trench (Ryukyu Islands)
- ☐ Manila Trench (Philippines - South China Sea)
- ☐ Philippine Trench (Philippines - Pacific Ocean)
- ☐ New Britain-San Cristobal trench (Solomon Islands)

Comments (optional)



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

OBJECTIVE

1:

Evaluate the format and content of experimental NWPTAC Enhanced Products for each scenario exercised.

1.1 Are the following products useful in helping you assess your national tsunami threat? Indicate Yes or No, and provide comments as needed. Please explain why it is/is not useful.

	Yes	No
Text Message	<input checked="" type="radio"/>	<input type="radio"/>
Comment	<div></div>	

Deep Ocean Tsunami Amplitude Forecast Map

☐
☐

Comment

Tsunami Travel Time Map

☐
☐

Comment

Coastal Tsunami Amplitude Forecast Map

☐
☐

Comment

1.2 Please rank the usefulness of each product, where .1=most useful and 4=least useful.

<div></div>	<div></div>	Text Message
<div></div>	<div></div>	Deep Ocean Tsunami Amplitude Forecast Map
<div></div>	<div></div>	Tsunami Travel Time Map
<div></div>	<div></div>	Coastal Tsunami Amplitude Forecast Map

1.3 Is your country satisfied with the format and content of experimental NWPTAC Enhanced Products?

Indicate Yes or No, and provide comments as needed. If your answer is No, please provide comments on what improvements are needed.

Yes

No

Text Message

☐☐

Comment

Deep Ocean Tsunami Amplitude Forecast Map

☐☐

Comment

Tsunami Travel Time Map

☐☐

Comment

Coastal Tsunami Amplitude Forecast Map

☐☐

Comment

1.4 Do any features, other than listed above, need to be changed or added?

If Yes, please comment.

☐

Yes

☐

No

Comment

1.5 Are any parts of the NWPTAC text message or graphical products, other than the actual values of the wave forecasts, confusing or in conflict with the PTWC Enhanced Products? If Yes, please comment

☐ Yes

☐ No

Comments



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

OBJECTIVE 2

Determine whether counties are prepared to officially receive and utilize the NWPTAC Enhanced Products.

2.1 Does your National Tsunami Warning Centre (NTWC) understand the contents of the NWPTAC Enhanced Products, how to use the Products, and the limitations of the Products? Indicate Yes or No.

☐ Yes

☐ No

Comments (optional)

2.2 Does your National Disaster Management Office (NDMO) understand the contents of the NWPTAC Enhanced Products, how to use the Products, and the limitations of the Products? Indicate Yes or No.

☐ Yes

☐ No

Comments (optional)

2.3 Will your country's NTWC (and NDMO) be prepared to utilize the NWPTAC Enhanced Products in 2018? Your NTWC should be prepared to issue appropriate national alerts (e.g., Warning/Watch/Cancellations) based on the current PTWC Enhanced Products and/or NWPTAC Enhanced Products. Indicate Yes or No, and provide comments as needed on country status.

	Yes	No
Currently ready.	<input checked="" type="radio"/>	<input type="radio"/>
Will be ready in 2018.	<input type="radio"/>	<input type="radio"/>
Need to develop new or revise existing SOPs.	<input checked="" type="radio"/>	<input type="radio"/>
Need to inform and prepare other key stakeholders	<input type="radio"/>	<input type="radio"/>
Need NTWC or NDMO to conduct training for their national and local stakeholders	<input checked="" type="radio"/>	<input type="radio"/>
Need international experts to conduct more training for national stakeholders	<input type="radio"/>	<input type="radio"/>

Comments (optional)



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

GENERAL EXERCISE OBSERVATIONS

OVERALL ASSESSMENT & EXERCISE PLANNING

OVERALL ASSESSMENT. Please provide comments as needed.

Yes

No

Country stakeholder agencies have a better understanding of the goals, responsibilities and roles in tsunami emergencies.

☐☐

Gaps in capability and capacity have been identified. If Yes, please provide details.

☐☐

Comments (optional)

EXERCISE PLANNING. Please provide comments as needed.

	Yes	No
Overall, the exercise planning, conduct, format and style were satisfactory.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Exercise planning went well.	<input type="radio"/>	<input type="radio"/>
The PacWave16 exercise website pages were useful.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
This evaluation form was easy to use.	<input type="radio"/>	<input type="radio"/>
PacWave16 Exercise Manual provided an appropriate level of detail.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
IOC Manual & Guides 58: How to Plan, Conduct, and Evaluate IOC Tsunami Wave Exercises was useful.	<input type="radio"/>	<input type="radio"/>

Comments (optional)



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center

EXERCISE PACIFIC WAVE 2016 (PacWave16) Exercise Evaluation

EXERCISE PACIFIC WAVE 16 EXPERIENCE

Please provide general statements on your Exercise Pacific Wave 16 experience.

EXERCISE PLANNING.

Please provide a
general statement about
what went well.

Please provide a
general statement about
what did not go well.

Please provide a
general statement about
what could be improved.

EXERCISE CONDUCT.

Please provide a
general statement about
what went well.

Please provide a
general statement about
what did not go well.

Please provide a
general statement about
what could be improved.

EXERCISE DEBRIEF OR EVALUATION.

Please provide a
general statement about
what went well.

Please provide a
general statement about
what did not go well.

Please provide a
general statement about
what could be improved.

Thank you for completing the PacWave16 Exercise Evaluation Form.

If you have further questions or need additional tsunami information, please do not hesitate to contact:

Bernardo Aliaga (b.aliaga@unesco.org), ICG/PTWS Technical Secretary

Laura Kong (laura.kong@noaa.gov), ITIC Director

