

Fourteenth Session of the Intergovernmental Coordination Group  
for the Indian Ocean Tsunami Warning and Mitigation System  
(ICG/IOTWMS-XIV)

Jakarta, Indonesia, 17-19 November 2024

**National Report of Mozambique**

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Page 1: Overview

**Q1** **Confirm by clicking the checkbox**

Consent: I have read the above information and wish to proceed.

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**Q2** **Mozambique**

Please select your country from the list below:

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Page 2: PART I: Basic Information

**Q3**

TNC Name:

MUSSA MUSTAFA

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**Q4**

Position:

DEPUTY DIRECTOR GENERAL

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**Q5**

Organisation:

NATIONAL INSTITUTE OF METEOROLOGY

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**Q6**

Telephone Number:

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**Q7**

E-mail Address:

mussa2503@gmail.com

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**Q8**

Fax Number:

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**Q9**

Postal Address:

RUA DE MUKUMBURA 164  
PO BOX 256  
MAPUTO  
MOZAMBIQUE

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Page 3: PART I: Basic Information

**Q10**

NTWC Agency Name:

NATIONAL INSTITUTE OF METEOROLOGY

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**Q11**

NTWC URL (web link) for tsunami warnings:

[www.inam.gov.mz](http://www.inam.gov.mz)

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**Q12**

NTWC Agency Contact or Officer in Charge (person):

ACACIO TEMBE

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**Q13**

Position:

HEAD OF FORECASTING DEPARTMENT

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**Q14**

Telephone Number:

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**Q15**

E-mail Address:

actembe@yahoo.com.br

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**Q16**

Postal Address:

RUA DE MUKUMBURA 164  
PO BOX 256  
MAPUTO  
MOZAMBIQUE

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**Q17**

Yes

3a) Is your Tsunami Warning Focal Point (TWFP) the same as your National Tsunami Warning Centre (NTWC) agency? The TWFP is the 24 x 7 point of contact (office, operational unit or position, not a person) officially designated by the NTWC or the government to receive and disseminate tsunami information from an ICG Tsunami Service Provider according to established national Standard Operating Procedures. The TWFP may or not be the NTWC.

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Page 4: PART I: Basic Information

**Q18**

Respondent skipped this question

TWFP Agency Name (if different from the NTWC Agency):

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**Q19**

Respondent skipped this question

Name:

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**Q20**

Respondent skipped this question

Position:

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**Q21**

Respondent skipped this question

Telephone Number:

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**Q22**

Respondent skipped this question

E-mail Address:

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**Q23**

Respondent skipped this question

Postal Address:

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Page 5: PART I: Basic Information

**Q24** Respondent skipped this question

TWFP 24x7 point of contact (office, operational unit or position, not a person):

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**Q25** Respondent skipped this question

E-mail Address:

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**Q26** Respondent skipped this question

Telephone Number:

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**Q27** Respondent skipped this question

Cellular Telephone Number:

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**Q28** Respondent skipped this question

Fax:

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Page 6: PART I: Basic Information

**Q29** No

3d) Has your country appointed a Tsunami Ready Focal Point (TRFP)?The TRFP is a person from the Disaster Management (DMO) or similar institution that:- Acts as a national advocate for national implementation of the Tsunami Ready Recognition Programme (TRRP) or a recognised similar initiative to help make at-risk communities prepared and resilient to any tsunami threat within their Member State.- Actively contributes to the national implementation of TRRP or a recognised similar initiative.- Routinely update UNESCO-IOC ICG/IOTWMS on the status of the national implementation of the TRRP or a recognised similar initiative. - Informs relevant national authorities and organisations involved in the implementation of TRRP or a recognised similar initiative on any information and/or updates provided by UNESCO-IOC on activities related to making at risk communities Tsunami Ready.

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**Q30** Respondent skipped this question

If yes, please provide their details below:Name of the TRFP:

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**Q31** Respondent skipped this question

Position:

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**Q32** Respondent skipped this question

Agency:

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**Q33** Respondent skipped this question

Telephone Number:

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**Q34** Respondent skipped this question

E-mail Address:

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**Q35** Respondent skipped this question

Postal Address:

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Page 7: PART II: Hazard Assessment

**Q36** Yes

4a) Has your country undertaken a hazard assessment?

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Page 8: PART II: Hazard Assessment

**Q37** Multi-hazard assessment including tsunami

4b) What type of hazard assessment has been carried out?

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Page 9: PART II: Hazard Assessment

**Q38** Drought,  
Tsunami,  
Earthquakes,  
Epidemics,  
Flooding,  
Cyclone

4c) What type of multi-hazard assessment has been carried out? (select all that apply)

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Page 10: PART II: Hazard Assessment

**Q39** National / International Consultant

4d) Who did the tsunami hazard assessment in your country? (select all that apply)

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**Q40**

**City Level**

4e) At what level was the tsunami hazard assessment carried out? (select all that apply)

**Q41**

4f) Which coastal areas have been mapped for tsunami hazard? Please include the names of the Region / City and an approximation of the percentage mapped.

Northern Mozambique - Pemba and Nacala cities/100%  
 Central Mozambique - Beira city/100%

**Q42**

4g) For each of the data types listed below (in rows), answer the two questions (in columns). Select Yes / No / Don't know from the drop-down menu.

	Was this data used for tsunami hazard assessment?	Is this data publicly available?
Bathymetry		
Seismo-tectonic model		
Topography	<b>Yes</b>	<b>Don't know</b>
Land Cover		
Infrastructure details	<b>Yes</b>	<b>Don't know</b>

**Q43**

**Inundation map,  
 Evacuation map**

4h) What products do you have from the tsunami hazard assessment? (select all that apply)

Page 11: PART II: Hazard Assessment

**Q44**

4i) On a scale of 1 (Very poor) to 5 (Very good), please rate your country's capability to undertake tsunami hazard assessment

Capacity to undertake tsunami hazard assessment **Poor**

**Q45**

4j) On a scale of 1 (Not a priority) to 5 (Essential), what is the priority level in your country to improve capacity in the following areas of tsunami hazard assessment?

Probabilistic Tsunami Hazard Assessment (PTHA)	<b>Low priority</b>
Deterministic Tsunami Hazard Analysis	<b>Low priority</b>
Field Studies on Tsunami Impacts	<b>Medium priority</b>
Hazard map	<b>Medium priority</b>
Inundation map	<b>High priority</b>
Evacuation map	<b>High priority</b>

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**Q46**

4k) On a scale of 1 (No capacity) to 5 (Very good), what capacity does your country have to give training and/or consultancy on tsunami hazard assessment to other countries?

Probabilistic Tsunami Hazard Assessment (PTHA)	<b>Poor</b>
Deterministic Tsunami Hazard Analysis	<b>Poor</b>
Field Studies on Tsunami Impacts	<b>Poor</b>
Hazard map	<b>Moderate</b>
Inundation map	<b>Moderate</b>
Evacuation map	<b>Moderate</b>

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Page 12: PART II: Risk Assessment

**Q47**

**Yes**

5a) Has your country undertaken a tsunami risk assessment?

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Page 13: PART II: Risk Assessment

**Q48**

**Multi-hazard risk assessment including tsunami**

5b) What type of risk assessment?

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Page 14: PART II: Risk Assessment

**Q49**

**Epidemics,  
Tsunami,  
Drought,  
Earthquakes,  
Flooding,  
Cyclone**

5c) What hazards have been considered in your multi-hazard risk assessment? (select all that apply)

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Page 15: PART II: Risk Assessment

**Q50**

**National Agency**

5d) Who did the tsunami risk assessment in your country? (select all that apply)

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**Q51**

**City Level**

5e) At what level was the tsunami risk assessment carried out? (select all that apply)

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**Q52**

5f) Which coastal areas have been tsunami risk mapped? Please include the names of the Region / City and an approximation of the overall national percentage of risk prone areas mapped.

Northern Mozambique - Pemba and Nacala cities

Central Mozambique - Beira city

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**Q53**

5g) How many Cities / Municipalities / Regencies are at risk from tsunami?

All coastal cities with low level of risk

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**Q54**

**Evacuation map**

5h) What products do you have from the tsunami risk assessment? (select all that apply)

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Page 16: PART II: Risk Assessment

**Q55**

5i) On a scale of 1 (Very poor) to 5 (Very good), please rate your country's capability to undertake tsunami risk assessment

Capability to undertake tsunami risk assessment

**Poor**

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**Q56**

5j) On a scale of 1 (Not a priority) to 5 (Essential), what is the priority level of your country to improve capacity in the following areas of tsunami risk assessment?

Tsunami risk assessment at national level

**Low priority**

Tsunami risk assessment at regional level

**Low priority**

Tsunami risk assessment at city level

**Low priority**

Tsunami risk assessment at village level

**Low priority**

Tsunami risk assessment at community / neighbourhood level

**Low priority**

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**Q57**

5k) On a scale of 1 (No capacity) to 5 (Very good) what capacity does your country have to give training and/or consultancy on tsunami risk assessment to other countries?

Tsunami risk assessment at national level	<b>Poor</b>
Tsunami risk assessment at regional level	<b>Poor</b>
Tsunami risk assessment at village level	<b>Poor</b>
Tsunami risk assessment at community / neighbourhood level	<b>Poor</b>
Other (specify below)	<b>Poor</b>

Page 17: PART II: Policies

**Q58**

6a) Does your country have a national tsunami policy? For each of the four disaster management phases listed below, select standalone policy / multi hazard policy / policy not available. Use the comments box to detail the specific name of the policy (if available).

	In what form is the policy?
Prevention and mitigation	<b>Policy is not available</b>
Preparedness	<b>Policy is not available</b>
Emergency response	<b>Policy is not available</b>
Rehabilitation and reconstruction	<b>Policy is not available</b>

**Q59**

6b) Does your country have local tsunami policies? For each of the disaster management phases listed below, select standalone policy / multi hazard policy / policy not available. Use the comments box to detail the specific name(s) of the policy (if available).

	In what form is the policy?
Prevention and mitigation	<b>Policy is not available</b>
Preparedness	<b>Policy is not available</b>
Emergency response	<b>Policy is not available</b>
Rehabilitation and reconstruction	<b>Policy is not available</b>

Page 18: PART II: Plans

**Q60**

7a) Does your country have national, local and community level tsunami disaster risk reduction plans? For each of the four disaster management phases listed below, select standalone plan / multi hazard plan / plan not available. Use the comments box to detail the specific name(s) of the plan(s) (if available). Please use the scroll bar to view the entire table.

	National level	Local level	Community level
Prevention and mitigation	<b>National plan is not available</b>	<b>Local plan is not available</b>	<b>Community plan is not available</b>
Preparedness	<b>National plan is not available</b>	<b>Local plan is not available</b>	<b>Community plan is not available</b>
Emergency response	<b>National plan is not available</b>	<b>Local plan is not available</b>	<b>Community plan is not available</b>
Rehabilitation and reconstruction	<b>National plan is not available</b>	<b>Local plan is not available</b>	<b>Community plan is not available</b>

**Q61**

No

7b) Are your country's tsunami disaster risk reduction plans based on hazards and risk assessments?

Page 19: PART II: Guidelines

**Q62**

8a) Does your country have national tsunami DRR guidelines? For each of the four lifecycle phases, select standalone guidelines / multi hazard guidelines / guidelines not available. Use the comments box to detail the specific name of the guidelines (if available).

In what form are the guidelines?

Prevention and mitigation	<b>Guidelines not available</b>
Preparedness	<b>Guidelines not available</b>
Emergency response	<b>Guidelines not available</b>
Rehabilitation and reconstruction	<b>Guidelines not available</b>

**Q63**

8b) Does your country have local tsunami DRR guidelines? For each of the four lifecycle phases, select standalone guidelines / multi-hazard guidelines / guidelines not available. Use the comments box to detail the specific name of the guidelines (if available).

In what form are the guidelines?

Prevention and mitigation

**Guidelines not available**

Preparedness

**Guidelines not available**

Emergency response

**Guidelines not available**

Rehabilitation and reconstruction

**Guidelines not available**

Page 20: PART III: Detection and Warning

**Q64**

**Yes**

9a) Does your country have a national capability to assess and/or receive potential tsunami threat information and advise/warn its coastal communities?

Page 21: PART III: Detection and Warning

**Q65**

**Use TSP data**

9b) Does your country utilise the data provided by the IOTWMS Tsunami Service Providers (TSPs) for the Coastal Forecast Zones (CFZ) of your country's coastline to determine national threats or does it undertake its own threat assessments? (select all that apply)

**Q66**

9c) Which organisation in your country has the responsibility for assessing and/or receiving potential tsunami threat information? Please provide the name and contact details.

NATIONAL INSTITUTE OF METEOROLOGY, RUA DE MUKUMBURA 164, PO BOX 256  
MAPUTO

**Q67**

**Yes**

9d) Does the organisation responsible for assessing and/or receiving potential tsunami threat information operate 24x7?

**Q68** **Computers,**  
**Internet,**  
**Mobile Phone or Cell Phone,**  
**Fax,**  
**GTS (WMO Global Telecommunication System),**  
**UPS (Uninterruptable Power Supply)**

9e) What / which infrastructure is available to enable 24x7 operations? (select all that apply)

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**Q69** **Local**

9f) Which level of tsunami threat forecast information is produced by the responsible organisation? (select all that apply)

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**Q70** **No**

9g) Does the organisation have access to national and/or international seismic networks? (please select one from the following options)

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Page 22

**Q71** **Respondent skipped this question**

9h) Is national seismic data shared in real time?

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Page 23: PART III: Detection and Warning

**Q72** **No**

9i) Does your organisation have access to GNSS data?

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**Q73** **Yes**

9j) Is the list of broadband seismometers operated by your country listed accurately in the IOTWMS seismic database [http://www.ioc-tsunami.org/index.php?option=com\\_oe&task=viewDocumentRecord&docID=20796](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=20796)?

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**Q74** **There are no changes**

9k) When compared to the IOTWMS seismic database ([http://www.ioc-tsunami.org/index.php?option=com\\_oe&task=viewDocumentRecord&docID=20796](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=20796)), have you decommissioned or added broadband seismometers operated by your country (Check all that apply and include details in the comments section below)

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Page 24: PART III: Detection and Warning

**Q75**

**No**

9l) Does the organisation have access to national and/or international sea level networks? (please select one answer from the following options)

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Page 25: PART III: Detection and Warning

**Q76**

**Respondent skipped this question**

9m) Is national sea level data shared in real time?

---

Page 26: PART III: Detection and Warning

**Q77**

**No**

9n) Is the list of sea level stations operated by your country listed accurately in the IOTWMS sea level database ([http://www.ioc-tsunami.org/index.php?option=com\\_oe&task=viewDocumentRecord&docID=20833](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=20833))?

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**Q78**

**There are no changes**

9o) When compared to the IOTWMS sea level database ([http://www.ioc-tsunami.org/index.php?option=com\\_oe&task=viewDocumentRecord&docID=20833](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewDocumentRecord&docID=20833)), have you decommissioned or added sea level stations operated by your country (Check all that apply and include details in the comments section below)

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Page 27: PART III: Detection and Warning

**Q79**

**No other observing networks are operated by the country**

9p) What other observing networks are operated by your country and used for tsunami early warning?

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**Q80**

**No**

9q) Does the organisation have the capability of analysing real-time seismic and sea-level data for potential tsunami threat?

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**Q81**

**No**

9r) Does the organisation have capability for tsunami modelling to support generation of threat forecasts?

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**Q82**

9s) Does the organisation responsible for identifying a potential tsunami threat also issue national tsunami no threat, watches, advisories, alerts and/or warnings?

NoWhich organisation provides the tsunami products?:  
no comment

**Q83**

9t) What are the threshold or criteria (for example sea levels, magnitude) for declaring a potential national tsunami emergency, watch, alert, advisory or warning?

NOT APPLICABLE

**Q84**

9u) What actions were taken by your country's National Tsunami Warning Centre (NTWC) and/or Tsunami Warning Focal Point (TWFP) in response to earthquake events and messages issued by the IOTWMS TSPs during the inter-session period?

The messages received from IOTWMS TSPs were analysed and sent to Disaster Management Institute just for acknowledge.

**Q85**

9v) Did your country's NTWC and/or TWFP participate in the 6-monthly communications tests conducted by the IOTWMS TSPs?

**Yes (please name the organisation(s) that participated in the additional comments)**

Additional comments:

Yes, the NTWC and/or TWFP has participated in the communications test.

**Q86**

9w) Did your country's NTWC and/or TWFP participate in national and/or international Tsunami Exercises (eg. IOWave) conducted in the inter-session period between ICG meetings?

**No**

**Q87**

9x) After the December 26 2004 tsunami and until now, was your country impacted by any damaging tsunami? If Yes, what was your national response to each event (please comment if warnings were issued by your NTWC in a timely manner to enable communities to respond, if public were evacuated, etc.)

**No**

**Q88**

9y) Since 2018, have there been any enhancements in your national warning SOPs and alerting?

**No**

**Q89**

10a) How is the tsunami information (warning, public safety action, etc) disseminated within country? (select all that apply)

- Email,**
- SMS,**
- Webpage,**
- Radio,**
- WhatsApp / Facebook / Other social media,**
- Television,**
- Public alert system,**

Other:

The country never experienced tsunami and the above selected are used when the country faces extreme weather event such as tropical cyclones, floods, windstorms, etc.

**Q90**

10b) For each emergency response organisation listed below, which communication methods for emergency response are available? (select all that apply)

National DMOs

**Telephone, Email, SMS, Other (please specify below)**

Local DMOs

**Telephone, Email, SMS, Other (please specify below)**

General Public

**Other (please specify below)**

Coastal Communities

**Telephone**

Media

**Email, SMS**

Other communication methods (please specify)

Television, national broadcasting radio, community radios

**Q91**

**Respondent skipped this question**

10c) How is the warning situation terminated?

**Q92**

10d) What website is used for display of national threat status during events? Please provide the URL.

For meteorological weather events the country is the following webpage: [www.inam.gov.mz](http://www.inam.gov.mz)

**Q93**

10e) Does your country's national tsunami warning system utilise the Common Alert Protocol (CAP) for the dissemination of warnings? If yes, please describe how the CAP is integrated into your warning dissemination processes, including any platforms or communication channels that are specifically utilised to broadcast CAP-formatted alerts to the public and relevant stakeholders.

Yes (please describe how CAP is integrated):

For meteorological weather events the country is the following webpage: [www.inam.gov.mz](http://www.inam.gov.mz)

**Q94**

Respondent skipped this question

10f) Who is primarily responsible for the direct dissemination of tsunami alerts to the public in your country, and what is the timeframe for these alerts to achieve effective last-mile responses? Please provide details.

Page 29: PART IV: Standard Operating Procedures

**Q95**

11a) For each of the (upstream) emergency response issues listed below (in rows), consider the four questions (in columns). Select a yes/no response using the drop-down menus.

	Does your SOP address this aspect of tsunami emergency response?	Is support required to develop/improve this aspect of tsunami emergency response in your SOP?	Is support required to develop Human Resources in this aspect of tsunami emergency response?	Is support required to develop infrastructure for this aspect of tsunami emergency response?
24/7 Emergency Operation Centre (EOC)	Yes	Yes	Yes	Yes
Receiving information from the NTWC	Yes	Yes	Yes	Yes
Response Criteria / decision making	Yes	Yes	Yes	Yes



**Q96**

11b) For each of the (downstream) emergency response issues listed below (in rows), consider the four questions (in columns). Select a yes/no response using the drop-down menus.

	Does your SOP address this aspect of tsunami emergency response?	Is support required to develop/improve this aspect of tsunami emergency response in your SOP?	Is support required to develop Human Resources in this aspect of tsunami emergency response?	Is support required to develop infrastructure for this aspect of tsunami emergency response?
Warning dissemination	Yes	Yes	Yes	Yes
Evacuation call procedures	Yes	Yes	Yes	Yes
Community evacuation procedures	Yes	Yes	Yes	Yes
Communication with NTWC	Yes	Yes	Yes	Yes
Communication with Local Government	Yes	Yes	Yes	Yes
Media arrangements	Yes	Yes	Yes	Yes
Communication with other stakeholder i.e. Red Cross, Fire Brigade, Search and Rescue, Police, Army, Navy etc.	Yes	Yes	Yes	Yes

**Q97**

Yes

11c) Would your country be willing to share your SOPs with the IOTIC and other countries?

Page 30: PART IV: Evacuation Infrastructure

**Q98**

12a) Does your country have the following evacuation infrastructure? (select all that apply and detail specific areas). Please use the scroll bar below to view the entire table.

Evacuation shelter Comment:	No In case of emergence the DMO use schools as evacuation shelter
Vertical evacuation structure	No
Natural or artificial hill for vertical evacuation	No
Evacuation signage	No
Other (please specify)	No

**Q99** **Yes**

12b) Is your evacuation infrastructure integrated in the evacuation plan?

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Page 31: PART IV: Tsunami Exercises

**Q100** **National guidelines**

12c) Are tsunami exercises incorporated within national policies and guidelines? (select all that apply)

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**Q101** **City level**

12d) At what levels were the exercises conducted during the inter-sessional (between ICG meetings) period? (select all that apply)

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**Q102**  
12e) What kind of tsunami exercise activities have been undertaken in your country and how many times during the inter-sessional (between ICG Meetings) period?

Organisation table top exercise	<b>No</b>
Inter-organisation table top exercise	<b>Yes</b>
Comment:	When recommended by UNESCO-IOC
National tsunami drill/exercise	<b>No</b>
Indian Ocean Wave exercise	<b>Yes</b>
Comment:	When organized by UNESCO -IOC
Local tsunami drill/exercise	<b>No</b>

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Page 32: PART IV: Public Awareness

**Q103** **National Tsunami Warning Centre**

13a) Who is responsible for tsunami public awareness programmes in your country?

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**Q104** **Booklets, Video, or other visual or oral media**

13b) What tsunami related education and awareness materials do you have? (select all that apply)

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**Q105** **Respondent skipped this question**

13c) Would your country be willing to share these education and awareness materials with the Indian Ocean Tsunami Information Centre (IOTIC) and other countries?

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**Q106**

13d) Do you undertake the following tsunami awareness activities?

World Tsunami Awareness Day	<b>No</b>
Global Disaster Risk Reduction day	<b>No</b>
Public tsunami preparedness outreach	<b>No</b>
School and/or children awareness	<b>No</b>
Exhibitions	<b>No</b>
Competitions or other ways of highlighting tsunami safety	<b>No</b>
Tsunami Exercise	<b>No</b>
Other (Please specify)	<b>No</b>

**Q107**

13e) Use the boxes below to indicate any areas in which you require support from the IOTIC to develop or enhance public awareness in your country. If you do not require support, please leave blank.

**Development of tsunami awareness programmes, activities or campaigns**  
,  
**Participation/support by international agencies or experts to your country's activities**  
,  
**Provision of general tsunami awareness materials**

**Q108**

13f) Can your country offer support to other Member States to develop or enhance public awareness in their country?

Yes (please specify what type of support):  
Exchange of expertise

Page 33: PART V: UNESCO-IOC Tsunami Ready Recognition Programme (TRRP)

**Q109**

14a) Does your country have an interest to participate in the UNESCO-IOC TRRP?

Respondent skipped this question

**Q110**

14b) Aside from UNESCO-IOC TRRP, is your country currently implementing any other tsunami resilience and preparedness related initiatives or programmes?

**No**

**Q111**

14c) What number of villages, cities/districts and provinces/state levels in your country are at risk to tsunami?

Respondent skipped this question

<b>Q112</b> 14d) Does your country have a National Tsunami Ready Board (NTRB)The National Tsunami Ready Board (NTRB) is responsible for guiding the community on the steps for Tsunami Ready recognition and for the review and approval of the community's Tsunami Ready application. It consists of designated representatives of the National Emergency Management Agency or Disaster Mangement Office, NTWC, TNC, the scientific community, and other invited guests.	<b>No (if no, is there another existing coordination mechanism that can fulfil this role of NTRB? please specify below)</b>
<b>Q113</b> 14e) Which institution(s) should be involved in the implementation of TRRP or similar national initiative? (please use a comma between the name of the institutions)  National Institute of Meteorology as NTWC, National Disaster Management Office, Municipalities	
<b>Q114</b> 14f) Are any communities (for example, villages, cities, districts, provinces or states) in your country currently working towards implementing or interested in implementing the UNESCO-IOC TRRP or similar national initiative?	<b>No</b>
<b>Q115</b> 14g) Have any communities in your country achieved recognition through UNESCO-IOC TRRP or similar national initiative?	<b>No</b>
Page 34: PART V: UNESCO-IOC Tsunami Ready Recognition Programme (TRRP)	
<b>Q116</b> 15a) Is there national capacity to develop tsunami hazard maps?	<b>Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise</b>
<b>Q117</b> 15b) Is there national capacity to train the community on identifying and estimating the number of people that live in the tsunami hazard zone?	<b>No, there is a strong need for technical support organised through IOTIC and/or ICG/IOTWMS activities</b>
<b>Q118</b> 15c) Is there national capacity to train the community on the inventory of available economic, instrastructural, political, and social resources to reduce tsunami risk at the community level?	<b>No, there is a strong need for technical support organised through IOTIC and/or ICG/IOTWMS activities</b>

<b>Q119</b> 15d) Is there national capacity to work with the community to develop tsunami evacuation maps, plans and procedures at the community level?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q120</b> 15e) Is there national capacity to work with the community to develop a public display of tsunami information?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q121</b> 15f) Is there national capacity to work with the community to develop local context outreach and public education materials?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q122</b> 15g) Is there national capacity to train and build capacity of community to be able to organise and implement outreach and education activity?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q123</b> 15h) Is there national capacity to train and build capacity of community to be able to organise and implement tsunami exercises?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q124</b> 15i) Is there national capacity to train and build capacity of communities to be able to develop their community Emergency Operation Plan?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q125</b> 15j) Is there national capacity to train and build capacity of communities to manage 24/7 tsunami emergency response operation?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q126</b> 15k) Is there national capacity to train and work with the communities to develop mechanisms (means and procedures) to receive 24/7 warning?	Yes, it can be partially done through mobilising national experts and funding, but also needs some international technical expertise
<b>Q127</b> 15l) Is there national capacity to train and work with the communities to develop mechanisms (means and procedures) to disseminate 24/7 warning to the community?	Yes, it can be easily done through mobilising national experts and funding

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**Q128**

15m) Which of the following challenges inhibit the implementation of TRRP or similar national initiatives in your country? (select all that apply)

**Tsunami is not a high priority hazard in country,**

**Limited resources (for example, champions, leadership, scientific support, social support)**

,

**Limited awareness,**

**Limited activity**

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**Q129**

16) Please briefly describe any innovations or modifications to national tsunami warning and mitigation procedures or operations since the last reassessment. For example, this might include tsunami related research projects, implementation of new seismic and/or sea level monitoring technologies, tsunami mitigation activities and best practices (especially in preparedness and emergency management), as well as public education programmes or other measures taken to heighten awareness of the tsunami hazard and risk.

Mozambique is not highly at risk of tsunami events but has along costaline and the majority of population live along the coast. The country is located along the Rift Valley and sometimes earthquakes of low magnitude occur. It will be important to implement the new seismic and/or sea level monitoring technologies and tsunami mitigation activities and best practices even considering the low level of risk that the country have.

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**Q130**

**Respondent skipped this question**

17) Please provide a brief summary of plans for future tsunami warning and mitigation system improvements

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**Q131**

18) Please list areas where your country would like support for targeted capacity development.

1. Training of staff on analyse and interpretation of tsunami messages
  2. Installation of Tsunami Travel Time
  3. Mapping of tsunami risk areas
  4. Development of Education and Awareness material
  5. Development of SOP in order to update the existing one (developed in 2010)
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**Q132**

**Respondent skipped this question**

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