The Intersessional 2017-2018 was like a tsunami with its peaks and troughs. It was marked by the very active hurricane season and its devastating impact especially in the Northeastern Caribbean. The hurricane set some aspects of the TWS back, but also offered new opportunities and insight to improve the TWS.

Table 1 lists some of the main CARIBE EWS activities I participated in during the intersessional period, while Table 2 lists the status of implementation of ICG XII recommendations. The activities included intergovernmental, international and national coordination and scientific meetings, Remote meeting technologies were also used for coordination and training including Officers, Task Team and Working Group meetings. I was not always able to accept the much appreciated invitations, and thank those that represented the ICG, in particular Ms. Alison Brome who participated in several CDEMA/UN events, Patrick Tyburn who provided an intervention at WMO Hurricane Committee meeting in April 2018 and Carolina Hlncapie (CTWP) who also was able to provide poster presentations on ICG related activities at ISDR Early Warning Workshop and Global Platform in Cancun.

Recognizing the implications of especially Hurricanes Irma and Maria and thanks to the IOC Secretariat and the Tsunami Unit, an intersessional meeting of the Officers was held in Dominican Republic in December 2017 (report available). Many concrete recommendations were made for strengthening the CARIBE EWS and the capabilities of the Member States while also noting that observational assets and preparedness activities of CARIBE EWS had applications for hurricane events and validating that the establishment of the Group of Experts for Other Coastal Hazards is strategic. One of the tasks of this meeting is to consider these recommendations.

In addition to the hurricanes, another highlight of the Intersessional Period was the Honduras Earthquake and Tsunami on January 10. For this event, the PTWC issued a Tsunami Threat message for the CARIBE EWS for the first time and in several countries people evacuated. A survey of the MS was conducted to identify actions needed to strengthen tsunami response procedures. Later in the meeting CTIC will be presenting these results.

One of the key performance indicators of the TWS is the participation of the Member States. In the case of CARIBE EWS as of June 2017, all 48 Member States have designated Tsunami Warning Focal Points and National Contacts. It represents a very important milestone. But, not only are the designations important, but also the MS participation in ICG activities. In terms of participation, despite that many MS were still in recovery mode from the hurricanes, all, but one Member State (Suriname) and one Territory (French Guyana) participated in at least the communications component of CARIBE WAVE 18. With almost ¾ million people engaged again across the region, it remains the largest international tsunami exercise to date, maybe one of the largest international emergency exercises for any hazard. As important is the participation, as
the evaluation of the exercise and the MS capabilities. We note and appreciate that most MS completed the CARIBE WAVE evaluation survey.

Another key accomplishment of the interim period was the identification of funding by IOC to support a permanent Director position of ITIC in Barbados. The position has been advertised as a National Science Officer and is currently open for applicants. In the meantime Alison Brome has been acting as the Interim Director and carrying out many strategic activities and seeking funds for future work in support of CARIBE EWS.

Despite our great advances – there are still outstanding recommendations (Table 2), which are yet to be fully implemented, and there were assets that were affected by Hurricanes Maria and Irma which need to be recovered. The hurricane while underscoring its importance also set back the establishment of the Group of Exerts for Tsunamis and Other Coastal Hazards, but we have identified the conveners and funding for the first meeting.

I thank the CARIBE EWS Vice Chairs, Officers and active members of Working Groups, National and local tsunami champions for their support and dedication. I would also like to highlight the strategic support from the staff of the Caribbean Tsunami Warning Program, Carolina Hincapié, and other student interns. I am indebted for their professionalism, contributions and commitment to the advancement of CARIBE EWS, despite their own challenges with the hurricanes and studies. Also, I would like to thank the continual support of the Puerto Rico Seismic Network with whom CTWP is collocated and Bernardo Aliaga, our diligent Technical Secretary in Paris. Last, but not least, I acknowledge the key support of NOAA, the NWS Tsunami Program and regional Southern and Pacific Headquarters for the approval of time, effort and funding to carry out my duties as Chair. This past year in an effort to consolidate and streamline US tsunami programs, the CTWP was transferred to the Pacific Region and now is part of the International Tsunami Information Center. In fact Hurricane Maria caught me in Hawaii as part of the transition process.

I reaffirm that ICG CARIBE EWS is only as strong as the tsunami programs and activities in our Member States and Territories, therefore our mission is that thru our activities we empower our countries and the coastal communities who are at risk from losing their lives, properties and livelihoods if they are not ready to respond. Thank you for entrusting me the honor of chairing your ICG CARIBE EWS for the past 6 years and am looking forward to supporting the Chair we are to elect during this session.
<table>
<thead>
<tr>
<th>No.</th>
<th>Activity</th>
<th>Date</th>
<th>Country/Agency(ies)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USVI TsunamiReady® renewal visit</td>
<td>June 6-7, 2017</td>
<td>USVI</td>
<td>USVI renewed as TsunamiReady</td>
</tr>
<tr>
<td>2</td>
<td>BVI Tsunami Ready verification visit</td>
<td>June 8, 2017</td>
<td>BVI</td>
<td>BVI “renewed” as Tsunami Ready</td>
</tr>
<tr>
<td>3</td>
<td>IOC Assembly</td>
<td>June 26-27, 2017</td>
<td>Several Member States</td>
<td>Paris, France</td>
</tr>
<tr>
<td>4</td>
<td>Seismic network operators webinars</td>
<td>Dec. 21, 2017 - Jan. 12, 2018</td>
<td>Member States and International Seismic and Sea Level network operators</td>
<td>Feedback on the status of stations</td>
</tr>
<tr>
<td>5</td>
<td>Sea Level network operators webinars</td>
<td>Aug. 14, 2017 - Feb. 6, 2018</td>
<td>Member States and International Seismic and Sea Level network operators</td>
<td>Feedback on the status of stations</td>
</tr>
<tr>
<td>6</td>
<td>CARIBE EWS Officers Meeting - Webinar</td>
<td>Aug. 14, 2017</td>
<td>Cartagena, Colombia</td>
<td>With CTIC, Alison Brome and PTWC</td>
</tr>
<tr>
<td>7</td>
<td>CARIBE EWS SOP Training</td>
<td>Oct. 31 - Nov. 2, 2017</td>
<td>Santo Domingo, Dominican Republic</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>CARIBE EWS Officers Meeting</td>
<td>Nov. 13-14, 2017</td>
<td>Lima, Peru</td>
<td>With PTWC and NOAA PMEL</td>
</tr>
<tr>
<td>9</td>
<td>SOP Training - Peru</td>
<td>Nov. 27-Dec. 1</td>
<td>Lima, Peru</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>1st CARIBE WAVE 18 Webinars (Spanish, English and French)</td>
<td>Jan. 23, 24 and 25, 2018</td>
<td>Member States, CTWP</td>
<td>With Elizabeth Vanacore, Wilfried Strauch, Patrick Tyburn and Alison Brome</td>
</tr>
<tr>
<td>11</td>
<td>TOWS Symposium</td>
<td>Feb. 12-17, 2018</td>
<td>UNESCO/IOC, Chairs of ICGS, WMO, IOC Executive Secretary, IOC Vice Chair Alexander Postnov</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>VI Sea Level Operators Course</td>
<td>Feb 26-Mar2, 2018</td>
<td>DDM, Coastal Zone Management, Coastal Hazards Working Group</td>
<td>Via Webinar</td>
</tr>
<tr>
<td>14</td>
<td>2nd CARIBE WAVE Webinars (English, Spanish and French)</td>
<td>Feb. 27-Mar 1 2018</td>
<td>Member States, CTWP</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>CARIBE WAVE 2018 Exercise</td>
<td>March 15, 2018</td>
<td>Member States, PRSN, CTIC &amp; UNESCO/IOC</td>
<td>Exercise was successfully executed after a full year of coordination, final draft report presented at ICG XI. ¾ Million Participants</td>
</tr>
<tr>
<td>Paragraph/Recommendation at ICG-XII</td>
<td>Lead (WG, TT, CTIC, CTWP, Secretariat, Other)</td>
<td>Status</td>
<td>Agenda Item ICG-XII</td>
<td></td>
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<tr>
<td>-------------------------------------</td>
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<tr>
<td>48 The TOWS-WG recommended TSPs and NTWCs to use the Common Alerting Protocol (CAP) to facilitate warning messages to be consistently disseminated simultaneously over many warning communication systems to many applications; (Chairperson Ms Hillebrandt-Andrade indicated that training may be required to include CAP into regular operations of NTWCs and TWFPs.</td>
<td>PTWC CTIC (SOP Training) WG3</td>
<td>Open</td>
<td>3.5. STATUS OF OTHER ICGs</td>
<td></td>
</tr>
<tr>
<td>51 The TOWS-WG recommended WMO to explore rendering assistance to CARIBE-EWS concerning usage of Global Telecommunication System (GTS) and WIS for dissemination of tsunami alerts in the Caribbean region.</td>
<td>WG3 PTWC</td>
<td>Discussed at TOWS XI and WMO Hurricane Committee. Open</td>
<td>3.5. STATUS OF OTHER ICGs</td>
<td></td>
</tr>
<tr>
<td>103 PTWC Communication test ...The test messages seem to have been distributed quickly and comprehensively by GTS, AFTN, EMWIN and Email, but there was up to a 40% failure rate of the faxes and less than 50% of the countries and territories responded to the tests as requested. Improvements are needed in those two areas.</td>
<td>PTWC MS</td>
<td>To be discussed further at ICG XIII based on results of Comms Tests and CARIBE WAVE Open</td>
<td>3.7. INTERIM ADVISORY SERVICES REPORT (PTWC)</td>
<td></td>
</tr>
<tr>
<td>104 ...an updated version of the “User’s Guide - Pacific Tsunami Warning Center Enhanced Products for the CARIBE-EWS” will shortly be made available on the meeting website.</td>
<td>PTWC</td>
<td>DONE, posted on IOC and CTWP Websites</td>
<td>3.7. INTERIM ADVISORY SERVICES REPORT (PTWC)</td>
<td></td>
</tr>
<tr>
<td>105 ...USTWC website ...Mr. Angove showed and described a few example website maps with different options for displaying the CARIBE-EWS threat status during events. He requested the ICG to provide feedback and</td>
<td>CTWP PTWC USA</td>
<td>Update to be provided at ICG XIII</td>
<td>3.7. INTERIM ADVISORY SERVICES REPORT (PTWC)</td>
<td></td>
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</tbody>
</table>
suggestions for presenting the CARIBE-EWS products and threat status in the most effective way. He also explained that a similar request will be made to the PTWS for their feedback. He told the Chair that he would later provide a target date for returning the feedback.

| 106 | Dr. Victor Huefano (PRSN) inquired of the PTWC Director if PTWC is interested in receiving strong-motion seismic data from the region and he answered in the affirmative. The Chair invited Member States to contribute their strong-motion data to PTWC as available. |
| --- | WG1 PTWC MS To be considered in 2018-2023 Implementation Plan | 3.7. INTERIM ADVISORY SERVICES REPORT (PTWC) |

| 108 | Haiti asked if PTWC has considered issuing advisories in other language than English. Dr Mc Creery indicated it has not. Costa Rica, France, Guatemala, Honduras, Haiti, Nicaragua and Venezuela supported the idea of PTWC considering the possibility of international products in Spanish and reporting to the next session. |
| --- | PTWC To be considered at ICG CARIBE EWS XIII | 3.7. INTERIM ADVISORY SERVICES REPORT (PTWC) |

| 191 | Dr Lopez indicated that the intrasessional Working Group proposed the following new products for inclusion in the Caribe Wave18 Handbook: Plot of co-seismic deformation Simulations of GPS records Simulations of duration of the earthquake (for future exercises). |
| --- | TT CARIBE WAVE To be considered at ICG CARIBE EWS XIII for CARIBE WAVE 2019 | 6.1. EXERCISE CARIBE WAVE 18 AND 19 |

| 194 | SRC suggested to include in the handbook some information about damages and loses for the Mona passage scenario, to make it more realistic. |
| --- | TT CARIBE WAVE 18 DONE for all scenarios | 6.1. EXERCISE CARIBE WAVE 18 AND 19 |

| 195 | PRSN indicated that some users have inquired if that would be possible to upload videos and pictures in TsunamiZone.org |
| --- | TT CARIBE WAVE 18 Open | 6.1. EXERCISE CARIBE WAVE 18 AND 19 |

<p>| 228 | The TR Task Team may investigate the possibility of any of |
| --- | TT Tsunami Ready Saint Eustatius expressed an | 6.4. REPORT OF THE TASK TEAM |</p>
<table>
<thead>
<tr>
<th><strong>the Dutch territories interests in pursuing Tsunami Ready programme</strong></th>
<th><strong>interest at PTWC Enhanced Product Training Oct. 2017</strong></th>
<th><strong>ON TSUNAMI RECOGNITION PROGRAMME</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>230</strong> The intrasessional Working Group proposed a review of current guidelines with a view of giving further guidance to communities, territories and countries. This discussion was prompted by the fact that there was some uncertainty at the level of the community “What constitutes a community in the context of the guidelines”. The group also discussed the proposed logo developed by Colombia in support of the implementation of the Programme and suggested to instruct the Task Team to review it before proposing it to the TOWS-WG.</td>
<td>TT Tsunami Ready</td>
<td>Open Columbia has submitted new proposal for logo To be discussed at ICG CARIBE EWS XIII</td>
</tr>
<tr>
<td><strong>238</strong> The ICG decided the Task Team on Procedures Volcanic Crises continue its work on procedures to respond to and inform about potential tsunami threats from volcanic activity, with the intention of submitting the documents for discussion and decision at ICG XIII.</td>
<td>TT Volcanic Crises</td>
<td>Recommendation to be considered at ICG CARIBE EWS XIII</td>
</tr>
<tr>
<td><strong>244</strong> The ICG decided the establishment of Group of Experts (GoE) on work and implementation plan to enhance the warning system by including other coastal hazards and adopted Recommendation ICG/CARIBE-EWS-XII.7</td>
<td>Chair ICG CARIBE EWS</td>
<td>In Process 3 Conveners and funding have been identified for first meeting of GOE.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>6.6. TERMS OF REFERENCE GROUP OF EXPERTS ON WORK AND IMPLEMENTATION PLAN TO ENHANCE THE WARNING SYSTEM BY INCLUDING OTHER COASTAL HAZARDS Recommendation ICG/CARIBE-EWS-XII.7 Appendix 1</strong></td>
</tr>
</tbody>
</table>
Mr Puentes noted that to produce these two documents, he performed a detailed analysis of the current Implementation Plan and the recommendations and decisions of the ICG 9th, 10th and 11th sessions. Remaining gaps and pending actions were identified and prioritised according the status of development of the system. After receiving feedback from Member States and Officers, a final list of actions by area of work for 2018-2023 was compiled.

<table>
<thead>
<tr>
<th>Task Team on the Implementation Plan</th>
<th>Submitted for consideration of ICG CARIBE EWS XIII</th>
<th>8. IMPLEMENTATION PLAN 2018-2023</th>
</tr>
</thead>
</table>

253 The ICG decided the establishment of a Task Team on the Implementation Plan 2018-2023, and adopted Recommendation ICG/CARIBE-EWS-XII.7

<table>
<thead>
<tr>
<th>Honduras with ICG Secretariat</th>
<th>Done</th>
<th>8. IMPLEMENTATION PLAN 2018-2023</th>
</tr>
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</table>

256 The Group was requested by the Chairperson to decide on a target date for the Fourteenth Session of the ICG/CARIBE-EWS, and eventual offers from Member States to host it.

<table>
<thead>
<tr>
<th>WG 1</th>
<th>Ongoing</th>
<th>Recommendation ICG/CARIBE-EWS-XII.1</th>
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</thead>
</table>

**Recommends** again the Member States to support the long-term operations of their national and local seismic, sea level and GNSS networks so they can continue to sustain and improve the quality and timeliness of the data for the delivery of optimal tsunami services;

<table>
<thead>
<tr>
<th>CTWP</th>
<th>Ongoing</th>
<th>Recommendation ICG/CARIBE-EWS-XII.1</th>
</tr>
</thead>
</table>

**Recommends** Caribbean Tsunami Warning Program (CTWP) to continue producing up to date maps and data availability reports based on current sea level and seismic stations contributing to the CARIBE-EWS;

Continues to **encourage** Member States to pursue their efforts to fill the North-Western gap in the sea-level coastal coverage, and further **recommends** Member States to consider installing offshore tsunameter buoys so that no tsunami sources in the Caribbean are at more than 30 minutes wave propagation

<table>
<thead>
<tr>
<th>WG 1</th>
<th>Ongoing</th>
<th>Recommendation ICG/CARIBE-EWS-XII.1</th>
</tr>
</thead>
</table>
Having **recognized** in the past ICGs, the potential benefit of high rate, real-time GNSS data to improve earthquake and tsunami detection and assessment, **recommends** the addition of proposed requirements for GNSS high rate real-time station to the existing Technical, Logistical and Administrative Requirements of a Regional Tsunami Service Provider for the CARIBE EWS, and subsequently **encourages** Member States to identify their existing GNSS stations satisfying those requirements and contribute their data to the system;

**Recommend** that the Working Group 1 and the Caribbean Tsunami Warning Programme (CTWP) conduct regular quality assessments of seismic station calibration and related metadata in order to guarantee accuracy and reliability for magnitude and focal mechanism determination;

**Requests** the Pacific Tsunami Warning Center (PTWC) to consider expanding the use of accelerometers in order to record near-source strong-motions on-scale;

**Recommend** all Member States make their comments to the Data Buoy Vandalism Outreach Strategy developed by JCOMM available to the ICG/CARIBE EWS chair by June 16, 2017 to consolidate.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>WG 1 and TT on GNSS</th>
<th>To be considered by ICG CARIBE EWS XIII</th>
<th>Recommendation ICG/CARIBE-EWS-XII.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Having recognized</strong> in the past ICGs, the potential benefit of high rate, real-time GNSS data to improve earthquake and tsunami detection and assessment, <strong>recommends</strong> the addition of proposed requirements for GNSS high rate real-time station to the existing Technical, Logistical and Administrative Requirements of a Regional Tsunami Service Provider for the CARIBE EWS, and subsequently <strong>encourages</strong> Member States to identify their existing GNSS stations satisfying those requirements and contribute their data to the system;</td>
<td>WG 1 CTWP</td>
<td>Open – CTWP short staffed and Hurricane Irma and Maria limited progress</td>
<td>Recommendation ICG/CARIBE-EWS-XII.1</td>
</tr>
<tr>
<td><strong>Recommend</strong> that the Working Group 1 and the Caribbean Tsunami Warning Programme (CTWP) conduct regular quality assessments of seismic station calibration and related metadata in order to guarantee accuracy and reliability for magnitude and focal mechanism determination;</td>
<td>PTWC</td>
<td>Implementation Plan for consideration in ICG CARIBE EWS XIII</td>
<td>Recommendation ICG/CARIBE-EWS-XII.1</td>
</tr>
<tr>
<td><strong>Requests</strong> the Pacific Tsunami Warning Center (PTWC) to consider expanding the use of accelerometers in order to record near-source strong-motions on-scale;</td>
<td>Chair</td>
<td>DONE</td>
<td>Recommendation ICG/CARIBE-EWS-XII.1</td>
</tr>
<tr>
<td><strong>Recommend</strong> all Member States make their comments to the Data Buoy Vandalism Outreach Strategy developed by JCOMM available to the ICG/CARIBE EWS chair by June 16, 2017 to consolidate.</td>
<td>TT GNSS</td>
<td>DONE</td>
<td>Recommendation ICG/CARIBE-EWS-XII.1</td>
</tr>
</tbody>
</table>

**CONDUCT AN ASSESSMENT OF THE CURRENT AND PLANNED GNSS SITES WITHIN THE ICG/CARIBE EWS MEMBER STATES THAT COULD BE USED TO PROVIDE RAPID EARTHQUAKE SOURCE CHARACTERIZATION AND DECREASE THE LATENCY FOR THE INITIAL AND SUBSEQUENT TSUNAMI FORECAST MODEL.**
- Establish a list of GNSS network operators in the region and their contact information;
- Develop inventory of existing GNSS stations that matches the requirements criteria;
- Model the detection capability of the initial GNSS network and,
- Propose a list of locations where additional stations need to be installed.

Membership: interested Member States, UNAVCO and NASA (USA).

<table>
<thead>
<tr>
<th>Decides to establish of a joint Task Team of Working Group 2 and Working Group 4, reporting to Working Group 2, to improve capacity building in the region in order to have Tsunami Evacuation Maps for as many coastal communities as possible, with the Terms of Reference established</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT Evacuation Maps Open. No Task Team activity/report</td>
</tr>
<tr>
<td>Opportunities as part of Tsunami Ready pilot proposals.</td>
</tr>
<tr>
<td>TEMPP manuals available.</td>
</tr>
<tr>
<td>Recommendation ICG/CARIBE-EWS-XII.2</td>
</tr>
</tbody>
</table>

1. Identify standardized tools and methodologies, consider best practices worldwide, and link existing training workshops, such that modules cover:
   a. Evacuation Planning
   b. Evacuation Map Development (including inundation modeling and map creation)

ICG/CARIBE-EWS-XII/3 Annex II –page 4

2. Take advantage of the Mapping Modulus of the TEMPP Process and perform the necessary adjustments for Caribbean communities.

3. Identify funding sources and collaborations to organize workshops, perform bathymetric surveys, etc.

<table>
<thead>
<tr>
<th>1. Identify standardized tools and methodologies, consider best practices worldwide, and link existing training workshops, such that modules cover:</th>
</tr>
</thead>
<tbody>
<tr>
<td>WG 2 and 4 TT Evacuation Maps</td>
</tr>
<tr>
<td>TEMPP manuals available</td>
</tr>
<tr>
<td>Appendix 1 to Recommendation ICG/CARIBE EWS-XII.2 Terms of Reference Working Group 2 Task Team on Tsunami Evacuation Maps</td>
</tr>
</tbody>
</table>

Recommends that Member States review and comment on the documents:
- Proposal for a Training Program on Tsunamis Risk for Social Communicators

<table>
<thead>
<tr>
<th>Recommends that Member States review and comment on the documents:</th>
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<tbody>
<tr>
<td>WG 3 Open</td>
</tr>
<tr>
<td>Recommendation ICG/CARIBE-EWS-XII.3</td>
</tr>
</tbody>
</table>
-Proposal for the use of social networks (web 2.0) for the communication of early tsunami warnings, and feedback of information on the impact of tsunamis.

<table>
<thead>
<tr>
<th>Requests PTWC to assess the feasibility of issuing text products in French, and Spanish, in addition to English, and report back to the ICG;</th>
<th>PTWC</th>
<th>Open</th>
<th>Recommendation ICG/CARIBE-EWS-XII.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcomes and appreciates the USA’s offer to restart the SMS alert service as a two-year trial project for CARIBE EWS Member States; Requests the USA to work with the IOC Secretariat to get in touch with the Tsunami National Contacts (TNCs) to identify three appropriate national officials for participation in this trial and notify through a Circular Letter when the trial will officially begin;</td>
<td>US PTWC Secretariat</td>
<td>Open Circular Letter to be issued August/September Asking MS to provide three SMS numbers</td>
<td>Recommendation ICG/CARIBE-EWS-XII.3</td>
</tr>
<tr>
<td>Requests Member States provide their recommendation on how to improve the current information provided on the tsunami.gov website and make it more user friendly.; Recommends that the Caribbean Tsunami Warning Programme (CTWP) provides a mockup website and collects feedback from the Member States by October 1, 2017 and consolidate for the US consideration.</td>
<td>CTWP US</td>
<td>USA to present at ICG CARIBE EWS XIII</td>
<td>Recommendation ICG/CARIBE-EWS-XII.3</td>
</tr>
<tr>
<td>Further recommends the introduction of new metrics at the CaribeWave18 exercise to evaluate the proposed guidelines “How to prepare, conduct and evaluate a community-based tsunami response exercise”;</td>
<td>TT CARIBE WAVE 18</td>
<td>Can be considered for 2019, metrics were not developed for 2018</td>
<td>Recommendation ICG/CARIBE-EWS-XII.4</td>
</tr>
<tr>
<td>Recommends Member States to consider using regional adaptation of ISO 20712 tsunami symbols and plans of evacuation developed by the French West Indies, available from Graphics standards of signs and plans of tsunami evacuation for French</td>
<td>WG 4 TT Tsunami Ready</td>
<td>Open</td>
<td>Recommendation ICG/CARIBE-EWS-XII.4</td>
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</table>
Antilles, and may be used as a model for Working Group 4 efforts in the same area;

<table>
<thead>
<tr>
<th><strong>Recommend</strong></th>
<th><strong>Engaging media and the private sector in the WTAD activities to spread the message widely;</strong></th>
<th><strong>CTIC ICG Secretariat MS</strong></th>
<th><strong>Done</strong></th>
<th><strong>Recommendation ICG/CARIBE-EWS-XII.4</strong></th>
</tr>
</thead>
</table>

**Considering** that many outreach materials related to tsunamis including documents and videos have been produced, **invites** Member States, Observers, and partners to take advantage of these tools regionally and globally. And **requests** that materials be made available through the WTAD website and that Member States, Observers and partners share additional materials in digital format with UNISDR, ICG/CARIBE EWS and UNESCO/IOC;

<table>
<thead>
<tr>
<th><strong>Consider</strong></th>
<th><strong>Considering the objectives of past exercises, recommends to adopt the new updated exercise objectives developed during the session that better reflect the goals Caribe Wave exercises seek to accomplish in the region;</strong></th>
<th><strong>TT CARIBE WAVE 18 CTWP</strong></th>
<th><strong>Done</strong></th>
<th><strong>CTWP – Handbook CaribeWave18 updated.</strong></th>
<th><strong>Recommendation ICG/CARIBE-EWS-XII.5</strong></th>
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<tr>
<th><strong>Recommend</strong></th>
<th><strong>Following a similar timetable and benchmarks on Caribe Wave 17 and that webinars follow the same or similar process as used in previous exercises;</strong></th>
<th><strong>TT CARIBE WAVE 18 CTWP</strong></th>
<th><strong>Done</strong></th>
<th><strong>CTWP – Handbook CaribeWave18 updated.</strong></th>
<th><strong>Recommendation ICG/CARIBE-EWS-XII.5</strong></th>
</tr>
</thead>
</table>

| **Further** | **F**urther **recommends** that the registration process remain at www.tsunamizone.org and appreciates the support given by the US National Tsunami Hazard Mitigation Program for hosting and maintaining this website;** | **TT CARIBE WAVE 18 CTWP** | **Done** | **Recommendation ICG/CARIBE-EWS-XII.5** |
| -------------|--------------------------------------------------------------------------------------------------|-----------------------------|----------|----------------------------------------|----------------------------------------|

<table>
<thead>
<tr>
<th><strong>Additionally</strong></th>
<th><strong>Additionally recommends</strong> that a survey similar to previous exercises be conducted as part of the Caribe Wave 2018 exercise to help understand the outcomes;**</th>
<th><strong>TT CARIBE WAVE 18 CTWP</strong></th>
<th><strong>Done</strong></th>
<th><strong>CTWP – Survey CaribeWave18 updated.</strong></th>
<th><strong>Recommendation ICG/CARIBE-EWS-XII.5</strong></th>
</tr>
</thead>
</table>

| **Decides** | **Decides to dissolve the current Task Team on the Tsunami Ready Community Performance Based** | **TT Tsunami Ready** | **Ongoing.** | **Recommendation ICG/CARIBE-EWS-XII.6** |
Tsunami Recognition Programme for the Caribbean and Adjacent Regions and **decides** the establishment of a new Tsunami Ready Task Team with the following responsibilities:

- Support the piloting of the CARIBE EWS Tsunami Ready guidelines.
- Contribute to the development of consistent global guidelines that are harmonized between the ICGs as recommended by TOWS-X.
- Develop an evaluation instrument aimed at measuring the effectiveness of CARIBE EWS Tsunami Ready Guidelines in the pilot communities.
- Encourage Member States to develop pre- and post-evaluation instruments to measure the social impact of CARIBE EWS Tsunami Ready Pilot Program.

**Recommends** that the proposed logo be reviewed by the Task Team to be afterwards forwarded to the TOWS-WG.

**Recommends** that the renewal of recognition stated in the adopted guidelines be changed from three to four years.

<table>
<thead>
<tr>
<th><strong>Recommends</strong></th>
<th><strong>TT CARIBE WAVE 18 CTWP</strong></th>
<th><strong>Colombia has submitted new logo for consideration of ICG CARIBE EWS XIII</strong></th>
<th><strong>Recommendation ICG/CARIBE-EWS-XII.6</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommends</strong></td>
<td><strong>TT CARIBE WAVE 18 CTWP</strong></td>
<td><strong>DONE</strong></td>
<td><strong>Recommendation ICG/CARIBE-EWS-XII.6</strong></td>
</tr>
</tbody>
</table>

**OTHER ACTIONS**

| **CTIC Activities** | **CTIC ICG Secretariat** | **SOP training on PTWC New Products scheduled for end of October- DONE** | **Post of Director currently Advertised** |

Christa G. von Hillebrandt, April 24, 2018