To: ICG/CARIBE-EWS Tsunami National Contacts (TNC) and Tsunami Warning Focal Points (TWFP) for: Barbados, Colombia, Costa Rica, Guatemala, Guyana, Honduras, the Kingdom of the Netherlands (Bonaire, Saba, Sint Eustatius), Sint Maarten, St. Vincent and the Grenadines, Trinidad and Tobago, United Kingdom (Montserrat, Bermuda), Bolivarian Republic of Venezuela

cc: Official National Coordinating Bodies for liaison with the IOC and Permanent Delegates/Observer Missions to UNESCO for: Barbados, Colombia, Costa Rica, Guatemala, Guyana, Honduras, the Netherlands, St. Vincent and the Grenadines, Trinidad and Tobago, United Kingdom, Bolivarian Republic of Venezuela UNESCO Offices in Guatemala, Kingston, Mexico, La Habana and San Jose Caribbean Tsunami Warning Program (CTWP) Caribbean Institute for Meteorology and Hydrology (CIMH) Permanent Observers to ICG/CARIBE-EWS ICG/CARIBE-EWS Officers


The Caribbean and its adjacent seas, including the Atlantic, have been the source region for 11% of the world’s fatal tsunamis over history, with almost 100 tsunamis observed that have impacted 23 countries of this region. Member States of the Intergovernmental Coordination Group for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS) must be prepared to face the dangers of tsunamis from distant, regional and local sources. The reality of the dangers posed by local and regional sources does require Member States to be able to receive this message through efficient, reliable and redundant means of communication in order to respond to a tsunami in a timely and responsible manner to save lives. Many Caribbean Member countries receive tsunami bulletins from the Pacific Tsunami Warning Center (PTWC) only through email and or fax, and may consider using alternate methods to increase redundancy in the receiving side.

.../...
In the Caribbean one communication path for delivery of tsunami advisory information is through the Emergency Managers Weather Information Network (EMWIN).

In this context, we are pleased to invite some of the ICG/CARIBE-EWS Member States to nominate up to two (2) candidates to participate in the Regional Technical Training Workshop on the Emergency Managers Weather Information Network (EMWIN) System, Bridgetown, Barbados, 25–30 May 2015. Other Member States and addressees in copy of this letter are also invited to nominate one (1) candidate on a self-funded basis for travel and accommodation costs.

The training will be conducted in English on 25–27 May 2015 and in Spanish on 28–30 May 2015. The training will be conducted through lecture-discussion, multimedia presentations and demonstrations with the aim of orienting participants to the EMWIN software and hardware, and providing a working knowledge in the utility and applicability of the EMWIN System including trouble-shooting. It is recommended that at least one (1) candidate should be from the National Tsunami Warning Centre or the Tsunami Warning Focal Point agency (NTWC, TWFP) and one from the National Disaster Management Office (NDMO) or another tsunami emergency response (TER) agency. The agenda is enclosed in English for reference.

The workshop is being organised by the Caribbean Tsunami Information Centre (CTIC) and the University Corporation for Atmospheric Research Scientists (UCAR) Joint Office of Science Support (NOAA, NWS–U.S.A), in collaboration with the UNESCO/IOC Secretariat of the ICG/CARIBE-EWS and the Caribbean Institute for Meteorology and Hydrology (CIMH). Financial support is being provided by the United States Agency for International Development/Office of Foreign Disaster Assistance USAID/OFDA.

Selected candidates receiving support from the organisers will be provided with round trip air ticket through the most economical route, lodging and meals. The selection criteria of the candidates who receive funding are: (i) members of the country’s NTWC or TWFP agencies; and (ii) responsible for and involved in tsunami warning and emergency response operations.

Nominations should be endorsed by and submitted through the country’s Tsunami National Contact (TNC) and should include some assessment of the functioning of the country’s EMWIN system, including the identification of any challenges. Please forward the attached form duly completed by each nominee and a CV, by email to Alison Brome (a.brome@unesco.org) CTIC Director (a.i.), copy to Bernardo Aliaga (b.aliaga@unesco.org), Technical Secretary, ICG/CARIBE-EWS by 15 April 2015. Selected candidates will be notified by 20 April 2015.

Yours sincerely,

[signed]

Vladimir Ryabinin
Executive Secretary

Enclosures: Agenda (English Version) Application Form
Regional Technical Training Workshop on the Emergency Managers Weather Information Network (EMWIN) System

**AGENDA**

**Barbados**

**25–28 May 2015**

*(Training in English)*

*Hosted by the Caribbean Tsunami Information Center (CTIC) in collaboration with UNESCO/IOC and the Caribbean Institute for Meteorology and Hydrology (CIMH)*

*Facilitated by the NOAA National Weather Service (NWS) and UCAR Joint Office of Science Support (JOSS)*

*Int’l Extension and Public Alert Systems (IEPAS)*

*Supported by USAID Office of US Foreign Disaster Assistance (OFDA)*

**Monday, May 25**

**am:**

10:00 – 10:15 Registration
10:15 – 10:30 Introductions of participants and instructor
10:30 – 10:45 Lecture: The Caribbean Tsunami Warning System: general overview and current status (presented by CTIC)
10:45 – 11:00 Lecture: Presentation: Role of CIMH, overview of use and effectiveness of EMWIN in region
11:00 – 12:00 Lecture: EMWIN General Overview: Main Components, Uses, and Products.

**pm:**

01:00 – 03:00 Practical. Using supportive videos, placement in pairs to:
- Antenna Assembly Setup
- Point the antenna & peak the signal
03:00 – 03:30 Coffee break
04:30 – 05:00 Practical. Placement in pairs to:
- Install software
- Connect the sound card. Signal test with Audacity.

**Tuesday, May 26**

**am:**

10:00 – 12:00 Practical. Using supportive videos and the Trouble Shooting Guide, placement in pairs to:
- Software Demodulator setup
- Weather Message Setup.
- Receive EMWIN data
Tuesday, May 26
pm:
01:00 – 01:30  Lecture: Weather Message Client
01:30 – 03:00  Practical. Using supportive video, placement in pairs to:
• Weather Message Client setup. Check products/alarms are being received. Set the system up to receive all products. Setup internet as a backup system. Receiving alarms using colors and sounds
03:00 – 03:30  Coffee Break
03:30 – 04:30  Lecture: Alarms to emails. Testing alarms. WM scheduler
04:30 – 05:00  Practical. Using supportive video, placement in pairs to:
Send alarms to emails.

Wednesday, May 27
am:
10:00 – 12:00  Practical. Using supportive videos, placement in pairs to:
Testing alarms. Using the scheduler.

pm:
01:00 – 03:00  EMWIN system tears down. Equipment packing and learning space pick up
03:00 – 03:30  Coffee break
03:30 – 04:30  Workshop feedback
Regional Technical Training Workshop on the Emergency Managers Weather Information Network (EMWIN) System

Hosted by the Caribbean Tsunami Information Center (CTIC) in collaboration with UNESCO/IOC and the Caribbean Institute for Meteorology and Hydrology (CIMH)

Facilitated by the NOAA National Weather Service (NWS) and UCAR Joint Office of Science Support (JOSS) Int’l Extension and Public Alert Systems (IEPAS)

Supported by USAID Office of US Foreign Disaster Assistance (OFDA)

Please indicate which language version of the training you are applying to:

☐ 25-27 May 2015, English
☐ 28-30 May 2015, Spanish

APPLICATION FORM

Please type or write in BLOCK letters in English
Please return by 15 April 2015 to: a.brome@unesco.org; cc: b.aliaga@unesco.org

1. PERSONAL INFORMATION

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2. PROFESSIONAL BACKGROUND

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4. TSUNAMI-RELATED TRAININGS ATTENDED

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5. OTHER TSUNAMI-RELATED JOB EXPERIENCE

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6. TRAVEL INFORMATION

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7. OTHER

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DO YOU REQUIRE TRAVEL FUNDING

□ Yes, Full Funding
□ Yes, Partial Funding, Amount USD ____.
□ No, Self-funded

Statement of Interest:

Why are you interested in attending this Training?

Please provide an assessment (including any challenges) of the functioning of your country’s EMWIN system.

After the Training, where and how will the experience gained in the Training will be used?
Please also submit separately your Curriculum Vitae (CV).

PRINTED NAME OR SIGNATURE

DATE: _________________

ENDORSED BY TSUNAMI NATIONAL CONTACT:

Printed Name

Signature

Organization

DATE