



INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
COMMISSION OCÉANOGRAPHIQUE INTERGOUVERNEMENTALE
COMISIÓN OCEANOGRÁFICA INTERGUBERNAMENTAL
МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ

اللجنة الدولية الحكومية لعلوم المحيطات

政府间海洋学委员会

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IOC Circular Letter N° 2917
(Available in English only)

IOC/VR/BA/ah
14 November 2022

To: ICG/IOTWMS Tsunami National Contacts
ICG/IOTWMS Tsunami Warning Focal Points
ICG/IOTWMS National Tsunami Warning Centres
ICG/IOTWMS Chair and Vice Chairs
ICG/IOTWMS Working Group Chairs and Vice Chairs
Observers to ICG/IOTWMS

Cc: Official National Coordinating Bodies for liaison with the IOC
Permanent Delegates/Observer Missions to UNESCO, and
National Commissions for UNESCO in ICG/IOTWMS Member States
UNESCO Offices in Doha, Islamabad, New Delhi and Tehran
Chairs of IOCAFRICA and IOCINDIO
Organizations working with the IOC
IOC Officers

Subject: Thirteenth Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS-XIII), Bali, Indonesia, 28 November–1 December 2022

In 2005, the IOC Assembly at its 23rd session decided, by Resolution XXIII-12, to create the Indian Ocean Tsunami Warning and Mitigation System (IOTWMS) and to establish an Intergovernmental Coordination Group for the region (ICG/IOTWMS).

The ICG/IOTWMS will hold its 13th session in Bali from 28 November to 1 December 2022 at the kind invitation of the Government of the Republic of Indonesia. I am pleased to invite national representatives to the session on behalf of the Bureau of the ICG/IOTWMS. You are kindly invited to communicate the names and positions of your representatives to the Secretariat (Executive Secretary of the IOC, v.ryabinin@unesco.org with a copy to Mr Rick Bailey, Head of the ICG/IOTWMS Secretariat, r.bailey@unesco.org) no later than 21 November 2022. You are also requested to identify who will be Head of your delegation. Contact details of all delegates should be registered online at <http://www.ioc-tsunami.org/iotwms-13>.

The session will be organized as an hybrid meeting every day from 02.00 to 11.30 UTC, allowing both in-person and online participation. Representatives attending the session in person should secure their own financial support. According to the IOC Resolution XXIII-12 that established the ICG, membership of the ICG/IOTWMS should consist of:

Chairperson

Mr Ariel Hernan TROISI
Technical Secretary
Navy Hydrographic Service
Av. Montes de Oca 2124
C1270ABV Buenos Aires
ARGENTINA

Executive Secretary

Dr Vladimir RYABININ
Intergovernmental Oceanographic
Commission — UNESCO
7 Place de Fontenoy
75352 Paris Cedex 07 SP
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Vice-Chairpersons

Dr Marie-Alexandrine SICRE
Directrice de Recherche
Centre national de la recherche scientifique
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3 rue Michel Ange
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Dr Alexander FROLOV
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Dr Srinivasa Kumar TUMMALA
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Indian National Centre for Ocean
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Hyderabad 500090
INDIA

Dr Karim HILMI
Directeur de Recherche
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Ain Diab
20180 Casablanca
MOROCCO

- Member States of the IOC within and bordering the Indian Ocean;
- Observers from other IOC Member States;
- Invited observers from organizations (including NGOs), programmes and projects in accordance with the IOC Rules of Procedure.

The meeting agenda is technical in nature and delegates should be prepared to participate in the technical discussions. A copy of the provisional agenda and timetable is appended to this invitation as Annexes 1 and 2 respectively. The working language of the meeting will be English.

The ICG at its 13th session will elect its Officers for the next biennium, namely nominations are open for one Chairperson and two Vice-Chairpersons, according to the attached procedure and forms (Annex 3). Nominations shall be accepted up to the end of the third day of proceedings at ICG/IOTWMS-XIII, i.e. 30 November 2022 but should preferably be addressed in advance to the Secretariat. Only Heads of Delegation will be allowed to vote in the event of a formal election. According to the procedure, the Chairperson and the Vice-chairpersons of an IOC subsidiary body shall not remain in his/her mandate more than two successive terms (four years). The current Officers of the ICG/IOTWMS are:

- Chair: Dwikorita Karnawati (Indonesia) – Elected in 2019 (1st term)
- Vice-Chair: Behrouz Abtahi (Iran) – Elected in 2019 (1st term)
- Vice-Chair: Pattabhi Rama Rao Eluri (India) – Elected in 2019 (1st term)

I would like to advise you that under Agenda Item 12 – Programme and Budget, the ICG will discuss the important issue of funding for the long-term sustainability of the IOTWMS. In this context, Member States are invited to consider making contributions to the IOC Special Account set up mainly to support capacity building and training needs of IOTWMS Member States. Please contact the Secretariat for further details.

Online registration, venue details and general information including meeting venue, hotels and local logistics for ICG/IOTWMS-XIII, are made available online at <http://www.ioc-tsunami.org/iotwms-13>.

In conjunction with the ICG/IOTWMS session, an “Indian Ocean Tsunami Ready hybrid Workshop” is organized from 22 to 26 November 2022, which all the ICG participants are welcome to attend. For further information see <https://oceanexpert.org/event/3635>.

With the assurances of my highest consideration, I remain,

Yours sincerely,

[signed]

Vladimir Ryabinin
Executive Secretary

Enclosures (3): Provisional Agenda
Provisional Timetable
Elections Procedures and Forms

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)

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

Bali, Indonesia

28 November–1 December 2022

DRAFT PROVISIONAL AGENDA

1. OPENING CEREMONY

- 1.1 WELCOME SPEECHES
- 1.2 ADOPTION OF AGENDA
- 1.3 DESIGNATION OF RAPPORTEUR
- 1.4 CONDUCT OF THE SESSION
- 1.5 ESTABLISHMENT OF SESSIONAL COMMITTEES

2. REPORTS ON INTERSESSIONAL ACTIVITIES

- 2.1 ICG CHAIRPERSON'S REPORT
- 2.2 IOC SECRETARIAT REPORT
- 2.3 TOWS-WG REPORT
- 2.4 UPDATE ON UN OCEAN DECADE
- 2.5 UN AND NON-UN ORGANISATIONS
- 2.6 REPORT OF THE INDIAN OCEAN TSUNAMI INFORMATION CENTRE (IOTIC)
- 2.7 UNESCAP NWIO PROJECT STATUS REPORT
- 2.8 IOTWMS OVERALL STATUS REPORT
- 2.9 REVIEW OF ICG/IOTWMS DECISIONS, RECOMMENDATIONS AND ACTIONS

**3. REPORTS ON EARTHQUAKE AND TSUNAMI EVENTS
DURING INTER-SESSIONAL PERIOD**

4. IOTWMS TSUNAMI SERVICE PROVIDER & MONITORING NETWORKS REPORTS

- 4.1 STATUS REPORT ON EARTHQUAKE & SEA LEVEL MONITORING NETWORKS
- 4.2 TSP AUSTRALIA
- 4.3 TSP INDIA
- 4.4 TSP INDONESIA
- 4.5 UPDATE TO TSP SERVICES

- 5. SPECIAL SESSION ON “OUTCOMES FROM TSUNAMI READY INDIAN OCEAN COUNTRIES SYMPOSIUM”**
 - 5.1 SYMPOSIUM OUTCOMES
 - 5.2 TSUNAMI READY RECOGNITION PROGRAMME OUTLINE
 - 5.3 EXAMPLES OF TSUNAMI READY COMMUNITIES
 - 5.4 TSUNAMI READY TOOLS
 - ONLINE TRAINING COURSE
 - ANIMATIONS
 - TSUNAMI READY BOARDGAME
 - 5.5 CERTIFICATION PROCESS
- 6. TASK TEAM REPORTS**
 - 6.1 INDIAN OCEAN WAVE
 - 6.2 TSUNAMI PREPAREDNESS FOR A NEAR TSUNAMI HAZARD
 - 6.3 SCIENTIFIC HAZARD ASSESSMENT OF THE MAKRAN SUBDUCTION ZONE
- 7. WORKING GROUP REPORTS**
 - 7.1 SUB-REGIONAL WORKING GROUP FOR THE NORTH-WEST INDIAN OCEAN
 - 7.2 WORKING GROUP 1: AWARENESS & PREPAREDNESS
 - 7.3 WORKING GROUP 2: TSUNAMI DETECTION, WARNING & DISSEMINATION
- 8. UN OCEAN DECADE TSUNAMI PROGRAMME**
 - 8.1 SAFE OCEAN LABORATORY SATELLITE ACTIVITIES
 - 8.2 DRAFT SCIENCE & IMPLEMENTATION PLANS
 - 8.3 IOTWMS STRATEGIC & IMPLEMENTATION PLANNING, INCLUDING ACHIEVING GOALS OF THE UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT 2021–2030
- 9. POLICY MATTERS**
 - 9.1 TSUNAMI READY IMPLEMENTATION
 - 9.2 CAPACITY DEVELOPMENT
 - 9.3 EXPANSION OF IOTWMS SERVICES TO INCLUDE WARNING SERVICES FOR TSUNAMIS GENERATED BY NON-SEISMIC AND COMPLEX SOURCES
 - 9.4 THINK TANK ON ISSUES RAISED IN THE MEETING AND NEW IDEAS
 - 9.5 GOVERNANCE AND STRUCTURE OF THE ICG/IOTWMS
- 10. WORLD TSUNAMI AWARENESS DAY**
 - 10.1 WTAD 2021 & 2022 OUTCOMES
 - 10.2 WTAD 2023
- 11. SESSIONAL REPORTING**
 - 11.1 SESSIONAL COMMITTEES MEET TO DISCUSS AND FINALISE REPORTS
 - 11.2 SECRETARIAT DRAFT DECISIONS AND RECOMMENDATIONS
- 12. PROGRAMME AND BUDGET**

13. ELECTION OF OFFICERS

14. OTHER BUSINESS

15. NEXT SESSION

15.1 CONFIRMATION OF DATE AND VENUE FOR ICG/IOTWMS-XIV

15.2 TARGET DATE AND VENUE ICG/IOTWMS-XV

16. ADOPTION OF DECISIONS AND RECOMMENDATIONS

17. CLOSE OF MEETING



INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION of UNESCO
Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System
13th session, Bali, Indonesia, 28 November–1 December 2022

PROVISIONAL TIMETABLE

Annex 2

Time UTC	Monday 28 November	Tuesday 29 November	Wednesday 30 November	Thursday 1 December	Friday 2 December
0200–0400 (2 hours)	1. OPENING CEREMONY 1.1 <i>Welcome speeches</i> 1.2 <i>Adoption of Agenda</i> 1.3 <i>Designation of Rapporteur</i> 1.4 <i>Conduct of the Session</i> 1.5 <i>Establishment of sessional committees</i> 2. REPORTS ON INTERSESSIONAL ACTIVITIES 2.1 <i>ICG Chairperson’s Report</i> 2.2 <i>IOC Secretariat Report</i> 2.3 <i>TOWS-WG Report</i> 2.4 <i>Update on UN Ocean Decade</i> 2.5 <i>UN and Non-UN Organisations</i>	5. SPECIAL SESSION on “Outcomes from Tsunami Ready Indian Ocean Countries Symposium” 5.1 <i>Symposium Outcomes</i> 5.2 <i>Tsunami Ready Recognition Programme Outline</i> 5.3 <i>Examples of Tsunami Ready communities</i> 5.4 <i>Tsunami Ready tools</i> <i>Online training course</i> <i>Animations</i> <i>Tsunami Ready boardgame</i> 5.5 <i>Certification process</i>	9. POLICY MATTER DISCUSSIONS 9.1 <i>Tsunami Ready Implementation</i> 9.2 <i>Capacity Development</i> 9.3 <i>Expansion of IOTWMS Services to include warning services for tsunamis generated by non-seismic and complex sources</i> 9.4 <i>Think Tank on issues raised in the meeting and new ideas</i> 9.5 <i>Governance and structure of the ICG/IOTWMS</i>	11. SESSIONAL REPORTING (cont) 11.3 <i>Reports from Sessional Committees</i> 11.4 <i>Member State delegations separate to individually review draft Decisions and Recommendations</i>	Optional site visit to a Tsunami Ready Community – Tanjung Benoa, Bali, Indonesia
0400 - 0530	Break & photo	Break	Break	Break	Break
0530-0730 (2 hours)	2. REPORTS ON INTERSESSIONAL ACTIVITIES (cont) 2.6 <i>Report of the Indian Ocean Tsunami Information Centre (IOTIC)</i> 2.7 <i>UNESCAP NWIO Project Status Report</i> 2.8 <i>IOTWMS Overall Status Report</i> 2.9 <i>Review of ICG/IOTWMS Decisions, Recommendations and Actions</i>	6. TASK TEAM REPORTS 6.1 <i>Indian Ocean Wave</i> 6.2 <i>Tsunami Preparedness for a Near Tsunami Hazard</i> 6.3 <i>Scientific Hazard Assessment of the Makran Subduction Zone</i> 7. WORKING GROUP REPORTS 7.1 <i>Sub-regional Working Group for the North-West Indian Ocean</i> 7.2 <i>Working Group 1 Awareness & Preparedness</i> 7.3 <i>Working Group 2 Tsunami Detection, Warning & Dissemination</i>	10. WORLD TSUNAMI AWARENESS DAY 10.1 <i>WTAD 2021 & 2022 outcomes</i> 10.2 <i>WTAD 2023</i> <u>Visit NTWC back-up in Bali.</u>	12. PROGRAMME AND BUDGET 13. ELECTION OF OFFICERS 14. OTHER BUSINESS 15. NEXT SESSION 15.1 <i>Confirmation of Date and Venue for ICG/IOTWS-XIV</i> 15.2 <i>Target Date and Venue ICG/IOTWS-XV</i> 16. ADOPTION OF DECISIONS AND RECOMMENDATIONS	Optional site visit to a Tsunami Ready Community – Tanjung Benoa, Bali, Indonesia
0730 - 0800	Break	Break	Break	Break	
0800-0930 (1.5 hours)	3. REPORTS ON EARTHQUAKE AND TSUNAMI EVENTS DURING INTERSESSIONAL PERIOD 4. IOTWMS TSUNAMI SERVICE PROVIDER & MONITORING NETWORKS REPORTS 4.1 <i>Status report on earthquake & sea level monitoring networks</i> 4.2 <i>TSP Australia</i> 4.3 <i>TSP India</i> 4.4 <i>TSP Indonesia</i> 4.5 <i>Update to TSP services</i>	8. UN OCEAN DECADE TSUNAMI PROGRAMME 8.1 <i>Safe Ocean Laboratory Satellite Activities</i> 8.2 <i>Draft Science & Implementation Plans</i> 8.3 <i>IOTWMS strategic & implementation planning, including achieving goals of the UN Decade of Ocean Science for Sustainable Development 2021-30</i>	11. SESSIONAL REPORTING 11.1 <i>Sessional Committees meet to discuss and finalise reports</i> 11.2 <i>Secretariat draft Decisions and Recommendations</i> 0800 <i>Deadline for Officers, Working Group and Task Team Member Nominations (if required)</i>	16. (cont') 17 CLOSING CEREMONY	
0930-1000	Break	Break	Break	Close	
1000–1130 (1.5 hours)	Icebreaker	Dinner			

Annex 3: Elections of the Officers of the ICG/IOTWMS

The Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System at its Thirteenth Session in Bali, Indonesia, 28 November–1 December 2022, shall elect one Chairperson and two Vice-Chairpersons, for a two-year term commencing 2 December 2022.

The Chairperson shall declare the opening and closing of each session, direct the discussions and ensure observance of the [Rules of Procedure](#), accord the right to speak, put questions to the vote and announce decisions. The Chairperson shall rule on points of order and, subject to these Rules, shall control the proceedings and maintain order and shall strive to work by consensus (Rule 38).

The Vice-chairpersons assist the Chairpersons in his/her functions and substitute for him/her where necessary.

The Chairperson and the Vice-chairpersons of a Subsidiary Body shall not remain in his/her mandate more than two successive terms (as this is the limit established for an IOC Chairperson, Rule 17) where a term is defined as two years (according to Article 7.A2 of the IOC Statutes).

Nominations

Nominations of individuals to the either the post of Chairperson or the posts of Vice-chairpersons shall be submitted by Member States through the officially designated Head of Delegation to the ICG/IOTWMS-XIII, or through the IOC Focal Point in the Member State or the Permanent Delegation to UNESCO.

Nominations shall be submitted in writing to the Executive Secretary using **Form A** (Chairperson) or **Form B** (Vice-Chairperson) and must reach the Executive Secretary or his representative by the close of business on the third day of the meeting (30 November 2022).

Each nomination shall contain a declaration from the candidate that he/she is prepared to stand for the post for which he/she has been nominated and is willing to take on the obligations that would devolve upon him/her, should he/she be elected. Each nomination shall also contain a CV with the profile of the candidate (**Form C**).

Each candidate must be seconded by two Member States of the ICG/IOTWMS other than the nominating Member State.

Elections

The IOC general practice is working and deciding by consensus (Rule 38.2).

Should voting be necessary, decisions shall be made by a simple majority of the members present and voting (Rule 43.1), by post mail after the session if no consensus (Tech. arrangement 2.2).

Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS)

Biennial Elections for Chairperson and Vice Chairpersons

Form A – Chairperson

Name of Member State:

Name of Nominee:

I declare that I am prepared to stand for election to the post of Chairperson of the ICG/IOTWMS and, if elected, to take an active part in the work of it.

Signature of the Nominee:

Seconder 1

Seconder 2

Member State of the ICG/IOTWMS

Name in capitals

Position

Signature

Date sent to the IOC Secretariat Date and time received by the IOC Secretariat

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Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS)

Biennial Elections for Vice-Chairpersons

Form B – Vice-Chairperson

Name of Member State:

Name of Nominee:

I declare that I am prepared to stand for election to the post of Vice-Chairperson of the ICG/IOTWMS and, if elected, to take an active part in the work of it.

Signature of the Nominee:

Seconder 1

Seconder 2

Member State of the ICG/IOTWMS

Name in capitals

Position

Signature

Date sent to the IOC Secretariat Date and time received by the IOC Secretariat

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Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS)

Biennial Elections

Form C – CV of nominee

[NAME]

Date of birth:

Languages:

Address:

Phone number:

Fax number:

Email:

CURRENT POSITION

[Please insert text]

EDUCATION

[Please insert text]

PREVIOUS PROFESSIONAL EXPERIENCE

[Please insert text]