



# **Brief Technical and Financial Report on IOGOOS Workshop and 11th Annual Meeting**

**Phuket, Thailand  
October 29 – November 1, 2014**

## **Introduction**

Indian Ocean Global Ocean Observing System (IOGOOS) was formerly established during the Mauritius conference in November 2002 and Indian National Centre for Ocean Information Services (INCOIS), India was recognized as IOGOOS Secretariat. Indian National Centre for Ocean Information Services (INCOIS) has since then acting as IOGOOS Secretariat. 27 Marine Institutions from 15 countries are Members of IOGOOS.

Members of IOGOOS collaborate and work together for developing programmes for the implementation of GOOS in the Indian Ocean and for promoting activities of common interest for the development of operational oceanography in the Indian Ocean region.

IOGOOS has already made significant progress in several areas. IOGOOS has a number of existing ‘projects’ within its portfolio and these projects have been accepted by members as being of relevance to IOGOOS at either a local level (for a specific member nation) or as generically relevant in respect to transferability of the projects outcomes and outputs to some or all member nations.

## **IOGOOS XI Annual Meeting:**

IOGOOS has conducted its 11th annual meeting in Reference Collection Building, Phuket Marine Biological Centre (PMBC), Phuket, Thailand during October 29, 2014 to November 1, 2014. The meeting was held in conjunction with its allied projects Sustained Indian Ocean Biogeochemistry and Ecosystem Research (SIBER)-5 and Indian Ocean Observing System (IndOOS) Resources Forum (IRF)-5 meetings. The first day started with the SIBER-5 meeting where the national progress made by the SIBER partners, status of SIBER research initiatives in the Indian Ocean, deployment of biogeochemical sensors, capacity building activities, etc were discussed. The SIBER also conducted a Mini-Symposium on various science topics such as biogeochemical flux estimates in the regions, ocean upwelling research results, EIOURI project, etc.

IOGOOS workshop was held during forenoon of October 30, 2014. The opening ceremony of the IOGOOS Workshop started with the welcome and opening remarks by Chair and Officers of IOGOOS. The opening ceremony followed with the IOGOOS Plenary talks on Numerical

Modeling activities, sampling strategies for Indian Ocean Bio-Argo program, Chemical Oceanography and Marine Biodiversity of Persian Gulf and Gulf of Oman and Ocean Observing Systems in India. IOGOOS and SIBER had a joint session during afternoon of October 30, 2014. All the allied project, Indian Ocean Panel (IOP), SIBER and IRF had reported to IOGOOS on the progress of the project activities and the requirement of resources, etc. Reporting was also made by the project leaders of Modeling for Ocean Forecasting and Process Studies (MOFPS) and Indian Ocean Core Remote Sensing Projects.

The second session in the joint session had primarily dedicated on the International Indian Ocean Expedition (IIOE)-2 planning and implementation. The status of the development of IIOE-2 Science plan, IOC perspective on IIOE-2 planning effort, update on Eastern Indian Ocean Upwelling Research Initiative (EIOURI), IIOE-2 activities in South-West Indian Ocean (SWIO), IIOE-2 planning activities in India, IIOE-2 planning in Indonesia and a talk on adaptive and collaborative approach on mobilizing research platforms and instrumentation in the Indian Ocean.

The IndoOOS Resource Form (IRF)-5 meeting was held on October 31, 2014 where IOGOOS and SIBER delegates were also participated as Observers. The IRF-5 meeting has reviewed the status of the IOP and SIBER progress made in the Indian Ocean followed by the status of the action items identified during the IRF-4 meeting. IRF Convener has presented the status of the IRF-4 action items and the meeting report of IRF-4. The update on Indian Ocean Observing System (both physics by IOP and biogeochemistry by SIBER), piracy in the RAMA/ IndoOOS context, NOAA's IndoOOS bilateral agreements, Indian Ocean Capacity Building and modelling for ocean forecasting and process studies in the Indian Ocean were presented to IRF by respective project co-chairs / project coordinators. The IRF was also briefed on the resources requirements in terms of ship time, funding, etc. that were presented by the IOP and SIBER projects of IOGOOS. The status of the piracy in the Indian Ocean, the availability of ship time by the prospective countries and the capacity building activities were reviewed in detail and put forth the additional requirement of ship time in order to complete the targeted deployment of various observing systems in the Indian Ocean. The afternoon session of IRF-5 meeting has again discussed on the IIOE 50th Anniversary celebrations initiative led by IOGOOS in partnership with SCOR and IOC. A brief reports on the IIOE-2 Planning status, including the IOC Executive council meeting highlights on IIOE-2, SCOR IIOE-2 Science Plan development and IIOE-2 events planned in Goa, India during December 2015 were made to IRF. The IRF business and administrative issues were discussed and concluded the IRF meeting.

IOGOOS XI Annual general body meeting was held in the afternoon session of October 31, 2014. Eight member institutes have attended the meeting. A brief report was made by Chair, IOGOOS followed by the report from the IOGOOS Secretariat on conduct of IOGOOS X and XI meetings, Governance, Finance and Audit statements. The Finance and Accounts statement was approved at the Annual meeting by the nominated IOGOOS Officer. The Secretary, IOGOOS

briefed the status of the vacancy of IOGOOS Officer positions. Chair has nominated a returning officer for elections and with the unanimous agreement of the member institutes, the existing officers viz. Dr. Andreas Schiller, Dr. T. Srinivasa Kumar and Dr. Rezah Badal are continuing for another term of 2 years. The IOGOOS Secretariat was tasked to seek the nominations from IOP and SIBER to fill the two posts that are to be filled with the representatives from IOP and SIBER. The member institutes also re-elected Indian National Centre for Ocean Information Services (INCOIS) to host the IOGOOS Secretariat for the third term of 6 years and re-elected Mr. M. Nagaraja Kumar as Secretary, IOGOOS for the period of 6 years.

The IOGOOS Strategic Plan for 2015-2020 was reviewed and sought the comments to provide by the member institutes by a week's time. The annual meeting in principle approved the strategic plan. The annual meeting discussed about the IOGOOS nominees to be made to the IIOE-2 Interim Planning Committee (IPC). Dr. Vahid Chegini, Iran, Dr. SSC Sheno, India and Dr. Andreas Schiller, Australia were elected as the nominees to the IPC. The annual meeting was closed with the discussions on the dates and venue of the next annual meeting. The next annual meetings of IOGOOS, IOP, SIBER and IRF will be in Goa, India immediate after the IIOE-2 International Symposium planned to be held during November 30, 2015 - December 4, 2015 at Goa, India.

### **Financial Report:**

The Thailand-China Joint Laboratory for Climate and Marine Ecosystem hosted the integrated meetings of IOGOOS, SIBER and IRF. Most of the delegates found their own source of funding towards their participation. IOC/UNESCO through its Perth Regional Programme Office has agreed to sponsor USD 20000 for IOGOOS XI meeting. The sponsorship is proposed to utilize towards funding of 10 -12 delegates to participate in the integrated meetings of IOGOOS, SIBER and IRF. IOGOOS Secretariat, through the host institute INCOIS has made a contract with IOC/UNESCO Jakarta Office who has facilitated the sponsorship amount. IOGOOS Secretariat has initially proposed to sponsor 12 delegates and secured the funding to that extent. Ten delegates have confirmed their participation and acceptance to the sponsorship amount. IOC/UNESCO Jakarta office transferred USD 18000 to IOGOOS Secretariat towards first installment. IOGOOS Secretariat has withdrawn USD18000 from the IOGOOS Secretariat account. A total amount of USD 16986.91 was incurred towards the reimbursements to the delegates out of which an amount of USD 560.91 was made towards foreign exchange charges by bank. The details of the sponsorship to the delegates is provided at Annexure 1. UN Operational Rates for October 2014 available at <http://treasury.un.org/operationalrates/OperationalRates.aspx> were used for conversion of foreign currency where ever there is no proof of USD paid by the delegate.

An amount of USD 1013.09 was unspent out of the first installment of USD 18000 transferred to IOGOOS Secretariat The final bills in original along with the Statement of Expenditure will be

forwarded to IOC/UNESCO Jakarta Office and the unspent balance amount will be transferred to IOC/UNESCO Jakarta Office.

### **Acknowledgements**

IOGOOS Secretariat greatly acknowledges IOC/UNESCO for sponsoring the integrated meetings of IOGOOS. We also would like to place on record the support extended by IOC Perth Regional Programme Office and IOC/UNESCO Jakarta Office towards facilitating this sponsorship. IOGOOS Secretariat also thanks the Thailand-China Joint Laboratory for Climate and Marine Ecosystem for hosting the meetings and Phuket Marine Biological Centre (PMBC) for providing the local support.

**Statement of Expenditure – UNESCO Contribution**

Sl No.	Particulars	Amount in USD	Amount in INR	Remarks
I.	Airfare, Visa Fee, Accommodation , Perdiem Disbursement	16426.00	1005763.98.74	Annexure -2
II.	Bank Charges	560.91	34,344.26	
	Total	16986.91	10,40,108.50	

**Abstract:-**

A. Total Contract Value	=	\$20,000.00	
B. Advance received from IOC, UNESCO, Indonesia	=	\$18,000.00	INR 11,02,104.00
C. Expenditure incurred as per Annexure 2	=	\$16,986.91	INR 10,40,108.50
D. Balance refundable to IOC, UNESCO, Indonesia	=	\$ 1013.09	INR 61995.50

(Conversion Rate 1USD = 61.23 INR)

**Break-up of Reimbursements (Hotel, DA and Visa Fees) made for IOGOOS XI sponsored delegates**

SI No.	Name of the Delegate	Airfare	Visa fee	Per-diem	Accommodation Charges	Total	Rounded Off
1	Dr. Andreas Schiller, Australia	1,287.07		200.00	216.11	1,703.18	1,703.00
2	Dr. Nick D'Adamo, Australia	749.42		200.00	172.89	1,122.31	1,122.00
3	Dr. Man-Wai Rabenavanana, Madagascar	1,815.27		200.00	172.89	2,188.16	2,188.00
4	Dr. Rezah Badal, Mauritius	1588.96	40.00	200.00	229.51	2058.47	2058.00
5	Dr. Vahid Cheginy, Iran	784.00	69.89	200.00	216.11	1,270.00	1,270.00
6	Dr. Shahadat Hossain, Bangladesh	896.54	81.09	120.00	129.67	1,227.30	1,227.00
7	Dr. Jim Costopulos, USA	1,374.60		200.00	172.89	1,747.49	1,747.00
8	Dr. Michael Raymond Landry, USA	1,396.00		200.00	216.11	1,812.11	1,812.00
9	Dr. Dwi Susanto, USA	1,392.23		200.00	351.91	1,944.14	1,944.00
10	Ms Louise Wicks, Australia	930.00		200.00	225.00	1,355.00	1,355.00
	<b>Total</b>	<b>12214.09</b>	<b>190.98</b>	<b>1920.00</b>	<b>2103.09</b>	<b>16428.16</b>	<b>16426.00</b>