

(A basin-wide research program co-sponsored by IOC-UNESCO, SCOR and IOGOOS)

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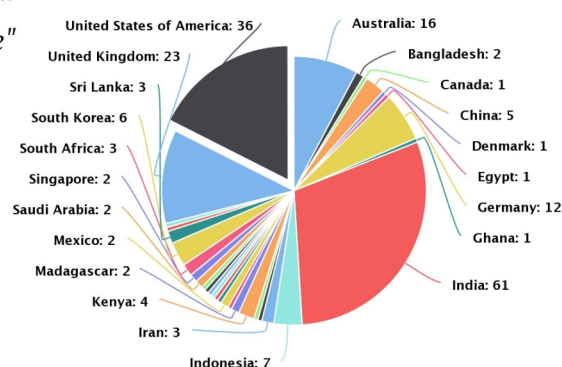
To advance our understanding of interactions between geologic, oceanic and atmospheric processes that give rise to the complex physical dynamics of the Indian Ocean region, and to determine how those dynamics affect climate, extreme events, marine biogeochemical cycles, ecosystems and human populations.

Special Jury Award for "The Indian Ocean Bubble-2"

"The Indian Ocean Bubble-2" has been awarded Special Jury Prize under the category "Best Cover Design" by Public Relation Society of India, Hyderabad Chapter on the occasion of "2nd Telangana State Public Relations Conference" held on 06th August 2017 at Hyderabad, Telangana, India.



IIOE-2 Community is now 200 plus strong!



KIOST Indian Ocean Study (KIOS) on board R/V ISABU



Korea Institute of Ocean Science and Technology (KIOST) recently launched a three-year interdisciplinary Indian Ocean Study program ("KIOS"), utilizing its new 5900 tonne research vessel (R/V ISABU). The maiden voyage of R/V ISABU was successfully conducted along a 67°E transect from 5°N to 16°S in the Indian Ocean during July 2-25, 2017. Thirteen scientists and four marine technicians from KIOST carried out hydrographic surveys and MOCNESS operation at every degree along the transect. Sea water samples were collected at 24~31 layers from 23 stations

for the analysis of nutrients, dissolved oxygen(DO), dissolved organic carbon(DOC)/ dissolved nitrogen(DN), colored dissolved organic matter (CDOM), ¹⁴C-DOC, dissolved inorganic carbon/ alkalinity, chlorophyll-a and pigments, salinity, and ²³⁴Th (particle, dissolved). Water samples for trace element isotopes (TEIs) were collected at 7 stations with NIOZ PRISTINE Ultra-clean water sampling system (UCC) including one GEOTRACE reference station (67°54'E, 5°7.4'S).



pCO_2 of surface ocean and overlying atmosphere were continuously measured by underway pCO_2 measurement system (General Oceanics). Nutrient, DO, CDOM, DIC/Alk, Salinity, and ^{234}Th (particle, dissolved) analyses were carried out onboard ISABU. Three researchers from GeoSystem Research Corporation (GeoSR) deployed 22 satellite tracking drifters at three stations (equator, 6°S, 13°S) along 67°E line, while two researchers from PMEL/NOAA carried out RAMA Buoy Recovery and deployment at 4°S, 8°S, 12°S and the deployment of ten drifters from Atlantic Oceanographic and Meteorological Laboratory.

[Report courtesy Dr. TaeKeun Rho, Korea Institute of Ocean Science and Technology, E-mail: tkrho@kiost.ac.kr]

Endorse your projects in IIOE-2

Don't miss the opportunity to network, collaborate, flesh out your research project and participate in IIOE-2 cruises!!

The endorsement of your scientific proposal or a scientific activity focusing on the Indian Ocean region is a recognition of the proposal's or activity's alignment with the mission and objectives of IIOE-2, of its potential for contributing to an increased multi-disciplinary understanding of the dynamics of the Indian Ocean, and of its contribution to the achievement of societal objectives within the Indian Ocean region. Over 20 international, multi-disciplinary scientific projects have already been endorsed to date by the IIOE-2. Yours could be the next one!

Visit <http://www.iioe-2.incois.gov.in/IIOE-2/EndorsementForm.jsp> for further details and for projects already endorsed by IIOE-2.

Some Upcoming Events

- ☞ The 2017 SCOR Annual Meeting will take place in Cape Town, South Africa from Monday, 4 September through Wednesday, 6 September 2017. <http://scor-int.org>
- ☞ Indian Ocean Community Workshop, being organised by the US IIOE-2 Steering Committee during 11- 13 September, 2017 in La Jolla, CA. <http://web.whoi.edu/ioworkshop2017/agenda/>

2018 Meeting Announcement - IIOE-2 Steering Committee, IGOOS, IORP, SIBER & IRF Annual Meetings

The second face-to-face meeting of the IIOE-2 Steering Committee is scheduled to be held along with the Annual Meetings of IGOOS, IORP, SIBER and IRF during 19-23 March 2018. The meetings will be hosted by the Government of Indonesia and will take place in Lombok. Watch out for further details on the IIOE-2 website: www.iioe-2.incois.gov.in

The IIOE-2 Newsletter is published online by:



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