



2nd International  
Indian Ocean  
Expedition  
2015-2025

# Newsletter

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

Volume-4, Issue-10  
October, 2020

*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.*

## Thank you Peter!!

The IIOE-2 Joint Project Office (JPO), on behalf of the IIOE-2 community as a whole and its benefactors, wish to sincerely and warmly thank and offer our best wishes to Professor Peter Burkill for his fundamentally important and enabling role in planning the IIOE-2 since it is formative days to seeing its successful continuance now well into the current decade.

Professor Burkill has played a pivotal role through his leadership during all stages of the development and implementation of the Expedition, providing leadership across all its facets. Importantly, Professor Burkill has ensured the science of the IIOE-2 receives the best possible guidance and oversight for its excellence and relevance for societal benefit.



Professor Burkill started his own journey in the Indian Ocean through the INDEX expedition in the Arabian Sea in 1986. His association with Indian Ocean research spans the past nearly four decades. He worked extensively on ocean biogeochemistry and biodiversity with a special emphasis on microbial and plankton food webs and has integrated his work with other disciplines fundamental to the ecosystems of the Indian Ocean. Professor Burkill has participated in over 30 major scientific cruises across all the world's oceans, including leading many major pioneering cruises in the Arabian Sea. He has been involved in significant co-ordination of institutionally - based research in the Indian Ocean including generously providing his time and intellect to key institutes in India. He has authored more than 200 high quality publications in journals and books, among which 22 are from his studies in the Indian Ocean.

Professor Burkill served on the JGOFS Scientific Steering Committee and played a major role in planning key JGOFS expeditions in the Arabian Sea. He was also President/Past President of SCOR during 2012-2020 and Co-Chair of IIOE-2 during 2015-2020. IIOE-2, under his able leadership, has been very successful. Peter's role has ensured its scientific credibility, excellence, direction, achievements and has motivated much contemporary research into the Indian Ocean that takes advantage of modern techniques and understanding, aligned closely with capacity development.

Professor Burkill has decided to opt out of his functional responsibilities and follow his other passions such as travelling and pursuing wildlife photography. His legacy in IIOE-2 will continue and we at the JPO will look forward to his valuable collegiate suggestions and guidance in the future as well. We wish Peter a happy and healthy life ahead. Thank you very much Peter for everything. We will miss you at IIOE-2 and the door is always open for you as our friend and mentor.

[Report Courtesy: Satya Prakash, IIOE-2 JPO India and Nick D'Adamo, IIOE-2 JPO Australia]

## Sustainable Oceans, Livelihoods and food Security Through Increased Capacity in Ecosystem research in the Western Indian Ocean (SOLSTICE-WIO)

SOLSTICE-WIO is a four-year collaborative project funded by the UK Global Challenges Research Fund (GCRF). Launched in October 2017, it brings together recent advances in marine technologies, local knowledge and research expertise to address challenges facing the Western Indian Ocean region in a cost-effective way via state-of-the-art technology transfer, collaborative environmental and socio-economic research and hands-on training.



The project demonstrates its approach through three case studies, identified by the local project partners as important for food security and economic development in three WIO countries:

**Kenya:** Emerging fishery of the North Kenyan Bank: the next frontier for food security of the coastal population (led by Kenya Marine and Fisheries Research Institute)

**Tanzania:** Pemba Channel small pelagics: threats and opportunities of climate change (led by the Institute of Marine Sciences in Zanzibar and Tanzanian Fisheries Research Institute)

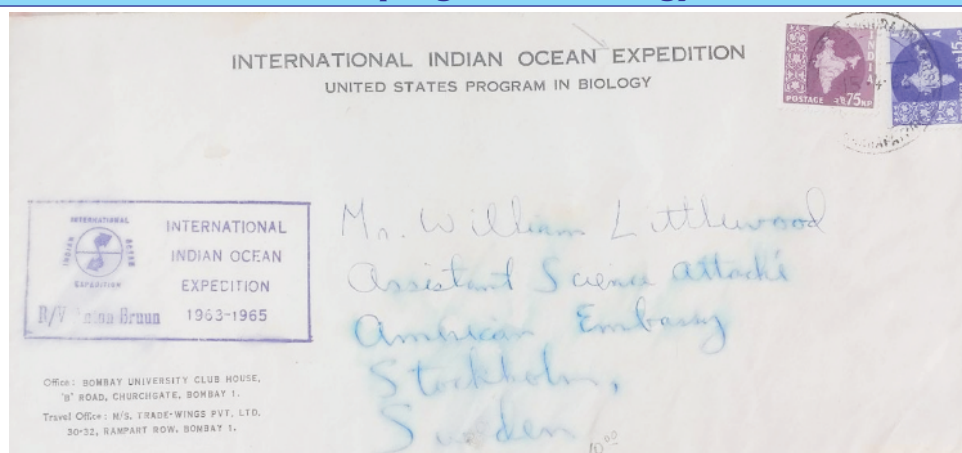
**South Africa:** Ecosystem shifts & fishery collapse: South African Chokka squid fishery (led by Nelson Mandela University)

**Project Directors:** Dr. Katya Popova (National Oceanography Centre, UK) & Prof. Mike Roberts (Nelson Mandela University, South Africa)

**Project website:** <https://www.solstice-wio.org/>

[Report Courtesy: Dr. Katya Popova, National Oceanography Centre, UK, E-mail: [solstice@noc.ac.uk](mailto:solstice@noc.ac.uk)]

## IIOE-1 Legacy: The special cover released in 1963 during IIOE expedition by US program in Biology



**IIOE-1 Legacy:** The special cover released in 1963 during the International Indian Ocean Expedition, by the US Program in Biology. The envelope was used to send a correspondence to Mr. William Littlewood, Assistant Science Attaché at the American Embassy in Stockholm from R/V Anton Bruun which was conducting surveys in the Indian Ocean and was at Mumbai (then Bombay) port at that time. The logo of IIOE can also be seen on the envelope.

[Photo Courtesy: Dr. M. R. Ramesh Kumar, from his collection]





## The Indian Ocean Bubble, Issue No.13 is now available online



Web Link: [https://iioe-2.incois.gov.in/IIOE-2/pdfviewer\\_pub.jsp?docname=IIOE-2-DOC\\_OM\\_191.pdf](https://iioe-2.incois.gov.in/IIOE-2/pdfviewer_pub.jsp?docname=IIOE-2-DOC_OM_191.pdf)

### Call for Contributions

Informal articles are invited for the next issue. Contributions referring Indian Ocean studies, cruises, conferences, workshops, tributes to other oceanographers etc. are welcome.

Articles may be up to 1500 words in length (Word files) accompanied by suitable figures, photos (separate .jpg files)

Deadline: **30<sup>th</sup> November, 2020**

Send your contributions as usual to [iioe@incois.gov.in](mailto:iioe@incois.gov.in)

## POSTPONEMENT of International Indian Ocean Science Conference (IIOESC)-2020

In view of the recent outbreak of COVID-19, the safety of delegates is of paramount importance for the conference organisers. Therefore, upon recommendation of UNESCO-IOC amid concerns raised by many delegates spread across the world, the International Indian Ocean Science Conference (IIOESC)-2020 has been postponed till further notice.

More details on the Conference are available at the website <https://iiosc2020.incois.gov.in/>

### MESSAGE BOARD

- ✉ IIOESC-2020 Letter to Airlines
- ✉ Instructions for Presenters
- ✉ Allowed Poster size AO (118 cm height x 84 cm width)



## POSTPONEMENT of the 15<sup>th</sup> Pan Ocean Remote Sensing Conference (PORSEC-2020) and Capacity Building Tutorial to year 2021

It is with regret that we announce that the 15<sup>th</sup> Pan Ocean Remote Sensing Conference (PORSEC2020) and capacity building tutorial, scheduled for 15-22 September 2020, have unfortunately been postponed to 2021 over Coronavirus (COVID-19) concerns. We continue to monitor the situation and will decide and announce the new dates sometime around September of this year, or when the situation becomes normal again.

In the meantime, we are continuing accepting new abstracts and registrations, which will remain open until 15 September 2020. The Committee has decided to publish the first volume of abstract proceedings (with ISBN) by December 2020, prior to the conference. At that time we will also consider the preparation of and call for papers for a first volume of a Special Issue of the International Journal of Remote Sensing (IJRS), prior to the conference. We will send out the details to all participants once we have made the decision.

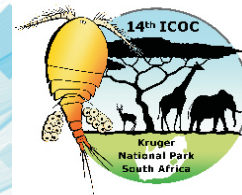
The Committee has arrived at this decision after realizing our capacity to keep an audience sufficiently “distanced” and considering the current uncertainty around gatherings and people’s justifiable precautions regarding their own health.

Our sincere apologies for any inconvenience that the postponement may have caused. We wish to thank all speakers, sponsors, exhibitors and participants for their continued support of the event, and we look forward to seeing you at the new date that we will announce.

[Report Courtesy: Nurul Hazrina Idris, Chair of PORSEC2020 LOC, Universiti Teknologi Malaysia, Skudai, Johor, MALAYSIA. E-mail: [nurulhazrina@utm.my](mailto:nurulhazrina@utm.my)]

# POSTPONEMENT of 14<sup>th</sup> International Conference on Copepoda (ICOC 2020) to 2021

Due to the COVID-19 virus, the ICOC 2020 and pre-conference workshop scheduled to take place in June 2020, have been postponed by one year. The new dates will be 31 May – 4 June 2021 for the preconference workshop at the University of Limpopo in Polokwane, and 6 – 12 June for the conference in Skukuza, Kruger Park, South Africa. The conference will still be referred to as the ICOC2020 and not the ICOC2021.



Unfortunately, increase in prices and costs can be expected, with an increase in the accommodation costs and probably also in the registration fees. These can only be calculated at a later date. The registration website will stay open for new participants to register and book, while the list of people who already registered will be saved, together with all the payments already received, and transferred to the bookings for June 2021.

Abstract submissions for the ICOC 2020 in June 2021 have re-opened. Please go to <https://app.oxfordabstracts.com/dashboard/events/1160> where you can decide whether you want to keep your abstract as submitted for June 2020 or whether you want to change it for June 2021. Note that there is no deadline yet, and this will be determined at a later stage, probably 30 December 2020.

Visit <https://www.abevents.co.za/web/icoc2020/> for further details.

## 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 42 international, multi-disciplinary scientific projects have already been endorsed to date by the IIOE-2. Yours could be the next one!

Visit <https://iioe-2.incois.gov.in/IIOE-2/EndorsementForm.jsp> for further details and for projects already endorsed by IIOE-2 [https://iioe-2.incois.gov.in/IIOE-2/Endorsed\\_Projects.jsp](https://iioe-2.incois.gov.in/IIOE-2/Endorsed_Projects.jsp).

## CLIVAR October 2020 Bulletin is available online



The International CLIVAR Project Office distributes a monthly bulletin with announcements, funding opportunities, meeting notifications relevant to the ocean/climate science community.

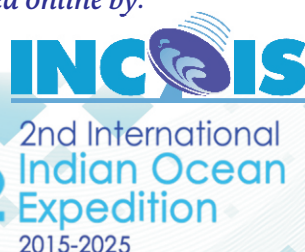
The latest CLIVAR Bulletin October, 2020 is available at:  
<https://mailchi.mp/clivar.org/clivar-october-2020-bulletin>

## Call for Contributions

Informal articles/short notes of general interest to the IIOE-2 community are invited for the next (November-end) issue of the IIOE-2 Newsletter. Contributions referring IIOE-2 endorsed projects, cruises, conferences, workshops, "plain language summary" of published papers focused on the Indian Ocean etc. are welcome. Articles may be up to 500 words in length (Word files) accompanied by suitable figures, photos.(separate.jpg files).

Deadline: **25 November, 2020**

*The IIOE-2 Newsletter is published online by:*



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<https://iioe-2.incois.gov.in/IIOE-2/Bubble.jsp>



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