

International Nutrient Inter-Comparison 2022: Newsletter #1

Keep up to date on the facts, plans and people involved with the International Nutrient Inter-Comparison voyage (INIV2022) scheduled for May 2022

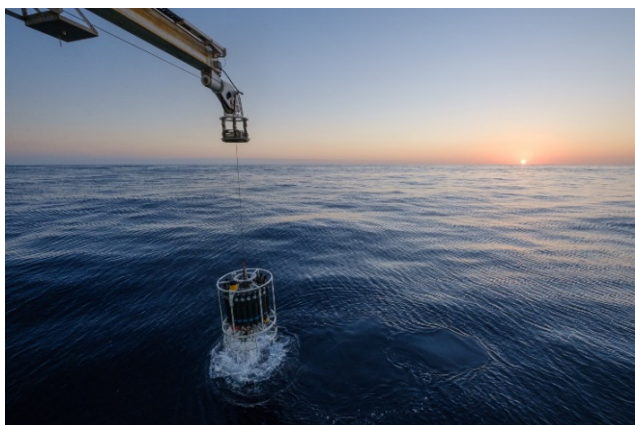
INIV is an opportunity for global nutrient chemists to come together to gain first-hand knowledge and experience of measuring nutrients in the ocean.

The goal of this voyage is to enhance peer to peer communication while tackling a broader understanding of time-scale nutrient changes for the oceanographic community.

Across the voyage our focus will be on better understanding method variabilities that cannot be achieved with a standard proficiency study. We hope to answer questions and improve techniques that will be shared with the global community.

Welcome

Welcome to the first INIV newsletter. This newsletter aims to provide regular communication around the current and future activities for INIV 2022.



Catch-up

The voyage dates have been confirmed. The RV Investigator will be departing from Hobart on the 17th of May and arriving back into Hobart on the 3rd of June 2022.

Official link to RV Investigator voyage schedule link: <https://mnf.csiro.au/en/Voyages/Schedules>

The INIV experimental plan was approved by the Marine National Facility (MNF) steering committee in December 2020. The hydrochemistry team would like to thank everyone who contributed to the early planning of this voyage – Malcolm Woodward, Susan Becker, Mariko Hatta, Edward Mawji, Karel Bakker, Elisa Berdalet, Maxime Grand, Oliver Ocholla, Sarah-Ann Quesnal, Mara Abad, Jun Wang, TaeKeun Rho, Steven Tibben, Kendall Sherrin, Christine Rees and Cassie Schwanger.

Voyage Update

Voyage planning will formally start with MNF next month. During this time, the PI's, with assistance of the planning committee, will finalize the daily voyage plan, further develop secondary objectives, and plan out daily experimental activities.

The CSIRO Hydrochemistry team will continue to progress the logistical planning regarding laboratory space and water budgeting. We will be reaching out to the EOI list to seek information on participation and support in the upcoming weeks.

The Ocean Call – Mission Patch

Tasmanian Aboriginal artist Sharnie Read has designed our voyage mission patch.



“My design represents the lasting connection palawa (Tasmanian Aboriginal people) have with the ocean, with the deepest of mother earths environments, sharing with the knowledge, nourishment, and substance the ocean brings to our lives. Like the ocean waves the palawa connection is continuous, rolling on from generation to generation. The kelp is a symbol of the cultural resources we have always been privileged to have access to and represents our ability as islander people to care for our country, sea, and sky.

The Aboriginal symbol I have used in this design is unique to lutruwita (Tasmania) it is ancient Aboriginal symbol that ancestors engraved into rock at many coastal locations around our Island. This ancient symbol, along with many other unique palawa symbols are some of the oldest known rock art in the world and are highly recognisable by palawa people as strong connections to our ancestors. These symbols are a part of our cultural traditions and our cultural identity, the dots and circles are very much a part of our cultural expressionism. This design is also representative of the research process of collecting data from the ocean, a shared symbol, and a shared journey, searching for knowledge, and creating pathways to helps us all find better ways to care for the oceans.”
– Sharnie Read

First sponsors

We have received support from GO-SHIP to make this a “GO-SHIP associated voyage”.



We will approach GEOTRACES for similar support.

We are looking at getting endorsement from the UN to become a “Decade Activity” as part of the UN Decade of Ocean Science for Sustainable Development – stay tuned for updates.

If there is any other group or organisation you think we should get support from, please get in touch.

Participant Bios



Name: Greg Olsen

Role: Principal Technician (Environmental Chemistry)

Organisation: National Institute of Water & Atmospheric Research Ltd – New Zealand

Total days at sea: ~60-70

Favourite voyage: Geotraces June 2011, 26 days, Transect NE of New Zealand and East to Tahiti on RV Tangaroa. Great bunch of people, great weather and I managed to watch quite a few episodes of “Breaking Bad” on our 6-day transit back to NZ.

What interests you most about INIV? The INIV is certainly a great opportunity to interact with other operators and users of analytical equipment for nutrient analysis. We are able to share our knowledge with each other in the hope of improving *quality of the data we generate.*



Name: Jack McDonald

Role: Analytical Chemist/Laboratory Technician

Organisation: CSIRO

Total days at sea: 113

Favourite voyage: Transit Brisbane - Darwin 2019. Cruising through the Torres Strait was super cool. Prior to that trip, I did not know that the passage is so shallow! ~15 meters in some points.

What interests you most about INIV? Collaborating internationally and hopefully learning some new tricks of the trade. Also, the opportunity to better understand our methods.

Welcome Aboard!

The voyage will take place on board the RV Investigator – a purpose-built vessel for Australian marine research. If you are really keen to get on board, follow the link here for a [virtual tour of the ship!](#)



A COVID-19 update

As the world evolves around the implications of COVID-19, we will continue to plan for the upcoming voyage. Many countries are well into the roll out of vaccination programs like that happening in Australia.

We are constantly monitoring the situation, and the Australian border closure. At this stage we are hopeful the borders will be open on time for the voyage. We are also working on contingency plans in the case borders stay close for longer.

Voyage Website

We have a website! Check it out for additional information about our voyage including voyage location, planning, getting involved, FAQ and more: <https://wp.csiro.au/iniv2022/>

Coming Next

Coming next in the INIV Newsletter #2:

- Updates on the voyage planning process
- Details around the experimental plan
- Timeline of activities
- More participant bio's

Contact Us

Please feel free to reach out to the CSIRO Hydrochemistry team at any time during the planning process – cassie.schwanger@csiro.au

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For further information

Hydrochemistry – Marine Collections and Marine Infrastructure (NCMI)
Cassie Schwanger
+61 4 1871 9178
cassie.schwanger@csiro.au
[csiro.au/iniv2022/](https://wp.csiro.au/iniv2022/)