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icdp news: summer 2024



to all our icdp friends

from **Marco Bohnhoff**,
icdp Executive Director

Despite the northern-hemisphere summer break which I hope you all enjoy, the ICDP remains active on multiple fronts. In June, the ICDP [Executive Committee](#) and the [Assembly of Governors](#) convened in Pune, India, to evaluate and decide upon the five workshop proposals and eight full drilling proposals submitted this year. The proponents have already been informed of the outcome, and consequently several upcoming workshops are now being planned or are already scheduled. Additionally, proponents of the accepted drilling proposals can now commence efforts to secure matching funds to kick-off their projects. I extend my congratulations to the successful proponents and warmly invite all others to brainstorm new project ideas or to submit revised proposals to the ICDP. The new call for the Jan 15, 2025, deadline will be published soon.

Following the finalization of Australia's membership in ICDP during the panel meetings in Pune, I am delighted to welcome Australia as a new member of the ICDP family and look forward to active participation of the Australian scientific community in ICDP projects.



Ron Hackney (Australian EC Representative), Marco Bohnhoff (ICDP ED) and Tim Rawling (Australian AOG Representative) celebrate Australia's ICDP membership

Regarding recently funded ICDP drilling projects, I would like to congratulate the PIs and scientists of the [NamCore](#) project on the successful completion of their drilling activities. Drilling operations in Brazil, as part of the Trans-Amazon Drilling Project ([TADP](#)), and in the Bushveld Complex in South Africa ([BVDP](#)), are also ongoing, and I am following the progress of both projects with great interest. See further details on the active projects below.

News on the ICDP workshop front comes from The Netherlands, where scientists developed a borehole science plan for a multi-use exploration and monitoring well to improve the understanding of subsurface processes related to low-enthalpy geothermal heat production during the ICDP-sponsored [UrbEnLab](#) workshop in Delft.

Lastly, I am pleased to inform you that our new ICDP Program Coordinator Leila Rezaei has started in July, and I hereby warmly welcome her and look forward to our future collaboration.

Keep the drill bit rotating!

Marco (Bohnhoff) - ICDP Executive Director

ICDP strategy

& calls

The steadily increasing number of proposals for drilling lacustrine sediments, particularly in East Africa, over the past few years has prompted ICDP to form a task force in order to provide an 'ICDP Lake Drilling Strategy' similar to the recently published '[ICDP Geothermal Funding Strategy](#)' to provide guidelines for prioritization of the various objectives and aspects of this topic. Stay tuned - the Lake Drilling Strategy will be published shortly on the ICDP channels (website, X, facebook, LinkedIn). Scientists who plan to submit a proposal on this topic are encouraged to carefully consider this document.

The ICDP-sponsored [Middle Jurassic Earth System and Timescale \(M-JET\) Workshop](#) invites applications.

The workshop is scheduled for June 2–6, 2025, in Figueira da Foz, Portugal, application deadline is November 1st, 2024.

Following last year's success, the ICDP's Science Advisory Group ([SAG](#)) and Operational Support Group ([OSG](#)) are jointly planning another online workshop on 'ICDP Proposal Writing' for PI teams, particularly for those with no experience in the ICDP application process. The online course will be held via Zoom on October 2nd, from 9:00 AM to 12:00 PM Pacific Standard Time.

[ICDP Proposal Writing Workshop](#)

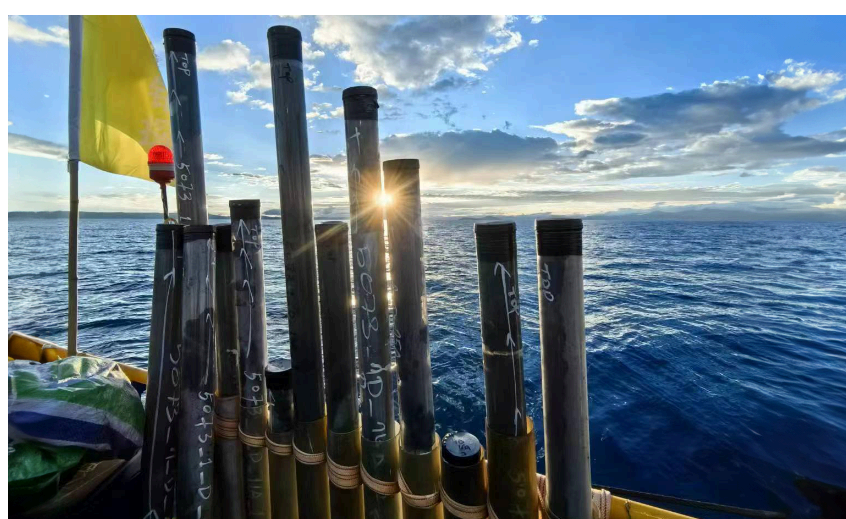
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News

from ICDP projects

[Lake Nam Co](#), situated in China on the Tibetan Plateau at an altitude of 4,718 meters, represents one of the largest and deepest lakes on the Tibetan Plateau. Its location within the modern monsoon regime renders it a suitable target for ICDP drilling to enhance our understanding of the spatial and temporal development of large-scale atmospheric circulation systems. In June and July 2024, the Nam Core science team successfully obtained a continuous, high-resolution record of drill core samples from depths reaching 510.2 meters below the lake floor under logistically challenging conditions.



A rewarding sunrise for the NamCore drilling barge dayshift on Lake Nam Co, Tibet Photo: NamCore

Drilling at the second site (Marajo, Brazil) of the [Trans Amazon Drilling Project](#) is in full swing and has just reached a depth of 709 meters. The project aims to document the evolution and distribution of biodiversity in the Amazon basin across its vast expanse and throughout its entire history, as well as its connection to the evolution of the physical environment, such as the uplift of the Andes.

The [Bushveld Complex Drilling Project](#) aims to understand through scientific drilling how magmas of the Bushveld Complex (South Africa) accumulated and crystallized into layers, and how ores formed within them. The BVDP provides an opportunity to study the relationships between mantle and crustal sources of magmatism in detail. The current depth is 734 meters, with excellent core recovery and quality.



Going through the core at the Marula core yard (South Africa) Photo: BVDP

Stay safe, stay healthy, keep calm & drill

your icdp team from potsdam