IAEA
International Atomic Energy Agency
Atoms for Peace and Development

International Workshop on Harmonized Approaches to the Application of ^{210}Pb-Based Sediment Dating Models

INT7022

Strengthening Ocean Health for Sustainable Development: A Global Approach Using Nuclear and Isotopic Techniques

Hosted by the
International Atomic Energy Agency

through the

Division of IAEA Marine Environment Laboratories (NAML)

MONACO

03-07 August 2026
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Information Sheet

Purpose

The purpose of this event is to facilitate the global exchange of experience and technical knowledge in order to strengthen the harmonization and consistent application of sediment dating models based on 210Pb and complementary radionuclides or chronological markers, as tools for assessing ocean health.

Working Language

The working language of the event will be English

Deadline for Nominations

Nominations received after 10th April 2026 will not be considered.

Project Background

“Strengthening Ocean Health for Sustainable Development: A Global Approach using Nuclear and Isotopic Techniques" is a project aimed at improving the health of the oceans and achieving the United Nations Sustainable Development Goals (SDGs) SDGs 13, 14, and 17, which relate to the insufficient integrated scientific research at the global level on marine pollution, climate change, ocean acidification, and the carbon cycle. To address this weakness, the project will focus on consolidating and integrating existing capacities in the Member States of the IAEA for coastal marine monitoring, which have been established in recent decades through the IAEA's Technical Assistance projects. This strategic implementation approach will enable the development of a global network of marine laboratories with high capacity in the use of nuclear and isotopic techniques to provide responses to stakeholders at national, regional, and global levels in the monitoring and assessment of marine biotoxin pollution, mercury, polycyclic aromatic hydrocarbons, and natural and artificial radionuclides. In addition, capacities will be integrated to provide analytical responses in emergency situations, as well as to address SDG indicator 14.3 on ocean acidification. Finally, the project will also strengthen global capacities to establish inventories and rates of blue carbon sequestration in coastal vegetative ecosystems. This will involve generating knowledge and scientific data that will contribute to a better understanding of the processes affecting ocean health and informed decision making for the protection and conservation of the oceans, in line with the UN 2030 Agenda for Sustainable Development.

Expected Outputs

1. A consolidated set of harmonized technical procedures for the selection, application and interpretation of 210Pb-based sediment dating models and complementary radionuclides or chronological markers, including principles for validation, uncertainty evaluation and standardized data reporting.
2. Strengthened international expert networking and coordination to foster sustained technical exchange and collaboration among institutions applying 210Pb-based sediment chronology

models, thereby promoting long-term harmonization, methodological consistency and global comparability in environmental assessments.

Participant

The workshop is open to a maximum of 25 participants from the national teams involved in project INT7022. Each participating Member State may nominate one (1) qualified candidate.

Participants' Qualifications and Experience

The workshop is intended for technically qualified nominees from participating Member States who are directly involved in the application of 210Pb-based sediment chronology models and related radionuclide techniques.
Participants should have demonstrated experience in the application and interpretation of 210Pb-based sediment chronology models, including critical evaluation of model assumptions, validation procedures and uncertainty assessment.
Nominees shall submit a copy of their curriculum vitae clearly describing their professional experience and relevant publications to the application of sediment dating models.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (https://intouchplus.iaea.org) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (https://websso.iaea.org/IM/UserRegistrationPage.aspx) before proceeding with the event application process below.

2. On the InTouch + platform, the candidate must:
    a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
    b. Download and complete the Designation of Beneficiary and Emergency Contact Form, and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
    c. Search for the relevant technical cooperation event **(EVT2602080**) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the InTouch+ Help page. Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the meeting from the IAEA website.

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected, and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency AX Travel Management, or a travel allowance, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for Female Participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

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