

We are pleased to announce a **training session in numerical modeling using the CROCO model** (www.croco-ocean.org) held in Noumea, New Caledonia from **October 6th to October 17th, 2025**.

The first week (**6-10 October**) is dedicated to **beginner's training**. The aim is to learn how to use the CROCO model, presenting CROCO physical bases, numerical options and code organisation, and practicing CROCO to model ocean circulation at regional and coastal scales. The second week (**13-17 October**) is dedicated to **ocean-atmosphere coupling using CROCO and WRF**. **This session is dedicated to advanced users** that already know how to use at least WRF or CROCO.

These two weeks consists of a series of lectures and practical work sessions. Participants will be encouraged to design the configuration of their choice, and to briefly present their results at the end of the week.

Registration is open to people with an academic background in physical oceanography and/or atmospheric sciences. The course will be in English (and/or in French depending on the audience). Basic knowledge of physical oceanography, and experience of programming in a Unix environment are required. Students from the Pacific are particularly encouraged to apply.

Practical Information:

There are no registration fees. Funding support (accommodation, meals) for students from low-income countries can be provided on request. The school will be located at IRD, 101 promenade Roger Laroque, Nouméa, New Caledonia.

Registration:

Please, register through this [google form](#)

Registration is now open and closes on August 1st. The number of places is limited.

To apply for registration, prepare a letter describing your motivation to attend the course (1 page max.) and a CV (1 page max.).

You'll be asked to provide the following information:

- affiliation, current position
- knowledge of numerical languages, knowledge of models
- intended use / application of the CROCO model

Send your CV and Cover Letter to : quentin.comminsoli@ird.fr

Contact - Organising Committee:

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Please feel free to share this email with colleagues, collaborators, or anyone who might be interested in participating. For further information or questions, don't hesitate to contact us.