



VACANCY NOTICE

Date of issue: June, 16th, 2010

Sea Ice Modeler Senior Position at IC3 (Barcelona).

LOCATION: IC3 headquarters in Barcelona, Catalonia, Spain

ENVIRONMENT: IC3 is a newly established climate institution settled by the Government of Catalunya and the University of Barcelona, aiming at understanding of current and future climate at both global and regional scales, while aiming at improve and further develop technical capabilities and tools to simulate unprecedented changes in climate impacts on societies and economies. IC3 is expected to grow to a total staff around 200 people, with about 125-150 scientists. Working languages of IC3 are English, Catalan and Spanish. For details, see www.ic3.cat.

IC3 is an equal opportunity employer, working in progress to be compliant with the “EU Charter for the Researcher”.

The conditions for enrolment are detailed below:

DESCRIPTION AND MAIN DUTIES OF THE POSITIONS:

A tenure-track position in the area of sea-ice modeling is now open at IC3, and we are looking for a very motivated skilful candidate to fill this post. The position is for a senior scientist, with a long expertise in climate modeling and in the highly important area of ice research. The work is part of a multi-disciplinary effort to better monitor and understand the environmental conditions and changes in the high latitudes of both hemispheres along -but not exclusively-, the following strategies:

- a) To plan, perform and analyse sea ice property measurements in the Arctic and Antarctic regions from an array of different observational products. The observations should be interpreted and presented in the framework of general climate science. The candidate should have a demonstrated ability in developing and improving observational methods and diagnostic tools for calibration and validation of model simulations.
- b) To design, perform and analyse numerical simulations with an ocean-sea ice model, with the aim to increase understanding of Arctic & Antarctic sea-ice processes.



REQUIREMENTS:

The applicants are expected to hold a PhD in geophysics, physics, meteorology or oceanography and a proven ability to deal with complex problems of the sort indicated above. Interest in the role of sea ice in the climate system is a precondition as well as a thorough knowledge of Unix, Fortran90, high-level scripting languages, handling of large databases and visualization tools. Genuine experience in observational sea ice work in the high latitudes would be an additional advantage. Capacity to obtain funds from competitive calls will be also valued together with a demonstrated ability to train students and manage a group of motivated scientists.

REMUNERATION: Salary conditions will be commensurate to the value of the candidate and will undergo individual negotiation.

LENGTH OF CONTRACT: This position is initially offered for three years, with the possibility of becoming permanent thereafter on the basis of an evaluation by the Scientific Advisory Board of the Institute.

STARTING DATE: Incorporation date will be flexible within the year 2011

APPLICATIONS: The application form and aptitude test should be downloaded from IC3's website www.ic3.cat. Applicants should fill in the application form and the aptitude test and email both to jobs@ic3.cat, indicating the reference "IC3-UDIC-2010-05" on the "Subject".

Selected final candidates should ask for three letters of recommendation from scientists from places other than their current workplace.

CLOSING DATE: Position is open until August 15 and a first selection of eligible candidates will be invited for an interview by a SAB commission by mid-September 2010.