Research Associate: Basic Grade
Selection No.: CRN7CSS1

Sectoral Scientific Commission (CSS):
CSS1: “Physics and Chemistry of the Earth’s Environment”

Title
Physical oceanographer

Keywords / disciplines
Physical oceanography, climate change, global change

Context and Issues of the Global South
Global South countries with a coastline are both highly dependent on their marine resources and the most vulnerable to climate change. Declining marine productivity, reduced catches, de-oxygenation, acidification, rising sea levels, coastal erosion, and extreme events such as tropical cyclones or ocean heat waves, are just some of the problems increasingly bedevilling local populations.

Current practices and needs
To meet these issues, a detailed understanding of ocean circulation and the properties of water masses on global and/or regional scales is fundamental to all research aimed at conserving and sustainably exploiting the oceans and marine resources, and thus helping to better meet sustainable development goals 14 (Life below water) and 13 (Climate action). IRD is recruiting a physical oceanography research associate who will offer innovative approaches to observation modelling and/or acquisition.

Desired skills / abilities
Ocean physics; modelling; ocean observation, data processing.