

Ana Carolina Ruiz Fernandez

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Ana Carolina Ruiz Fernandez is a researcher at the Institute of Marine Sciences and Limnology, National Autonomous University of Mexico (UNAM) and associate researcher at the University of Quebec in Montreal. Her main expertise is trace metal geochemistry and isotopic techniques to study climate change, including evaluation of pollution and sea level rise trends, blue carbon inventories, and ocean acidification. She is head of the Laboratory of Isotopic Geochemistry and Geochronology, and of UNAM-Radiometric Dating Service.

She regularly provides training in nuclear applications to study climate change impacts in the marine environment in Latin America. She is also a member of the United Nations Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP), where she chairs the Working Group 39 on “Global trends in pollution of coastal ecosystems: retrospective ecosystem assessment”.

She was awarded the UNAM medals “Alfonso Caso” and “Gabino Barreda” for academic merits, and “Sor Juana Inés de la Cruz” that recognizes the outstanding performance of female researchers.