

Virginie Racapé

Date of birth: 17/05/1984

Nationality: French

Gender: Female

Contact

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europass

WORK EXPERIENCE

SCOP ARL POKaPOK Plouzane, France

CDI Research Engineer

15/02/2022 - Current

Co-funder and associated employee of POKaPOK

In charge of the Research and Development in the Biogeochemical marine field

CNRS (CORIOLIS R&D) Plouzané, France

CDD Research engineer

06/2018 - 31/01/2022

Manage the development and the implementation of the real time BGC quality control for the Global TAC for CMEMS1 - phase 2.

Involved in the Data Assembly Center Coriolis to adjust in real time oxygen sensor of BGC argo floats.

IFREMER (LOPS) Plouzané, France

Post-Doctoral CDD Researcher

11/2016 - 04/2018

Data validation of Deep-Argo-O 2 float in the North Atlantic

Documentation of deep-circulation in the North Atlantic Subpolar Gyre from Deep-Argo-O 2 floats (EU-funded project ATLANTOS)

CEA (LSCE -IPSL) Gif-Sur-Yvette, France

Post-Doctoral CDD Researcher

03/2014 - 02/2016

Evaluation of the physical processes that govern observed sea surface and interior CO2 trend in the North Atlantic Ocean (observations vs model approach – EU-funded project CARBOCHANGE)

EDUCATION & TRAINING

31/07/2010 - 30/11/2013 France

PhD in marine biogeochemistry University Paris VI

Level in EQF: EQF level 8

LANGUAGE SKILLS

MOTHER TONGUE(S): French

OTHER LANGUAGE(S):

English

Listening B2 **Spoken production** B2

Reading C1 **Spoken interaction** B2

Writing B2

PUBLICATIONS

A global ocean oxygen database and atlas for assessing and predictingdeoxygenation and ocean health in the open and coastal oc

Gregoire et al., 2021.

Journal Name: Front. Mar. Sci.

Adjustment in real time (mode A) of the Coriolis Argo-O2 floats.

Racapé V., Schmechtig C., Bernard V. and Coriolis Argo DAC quality control group, 2021.

Real time quality control of biogeochemical measurements within Copernicus Marine in Situ TAC.

Racapé V., Nilsen J. E., O, Vindenes H., Lien V., Sotiropoulou M., Periviolotis L., Gallardo A., de Alfonso M., Manzano F., Kaitala S., 2021.

Preparing the New Phase of Argo: Scientific Achievements of the NAOS Project.

Le Traon et al., 2020.

Journal Name: Front. Mar. Sci.

Ocean carbonate system variability in the North Atlantic Subpolarsurface water (1993–2017).

Leseurre C., Lo Monaco C., Reverdin G., Metzl N., Fin J., Olafsdottir S., Racapé V., Leseurre C., Lo Monaco C., Reverdin G., Metzl N., Fin J., Olafsdottir S., Racapé V., 2020.

Journal Name: Biogeosciences (17), 2556-2577

ISOW spreading and mixing as revealed by DeepArgo floats launched in the Charlie Gibbs FractureZone.

Racape,V., Thierry, V. Mercier, H., Cabanes. 2019.

Journal Name: JGR Oceans, 124(10), 6787-6808

SURATLANT: a 1993-2017 surface sampling in the central part of the North Atlantic subpolar gyre.

Reverdin, G., N. Metzl, S. Olafsdottir, V. Racapé, T. Takahashi, M. Benetti, H. Valdimarsson, Alice Benoit-Cattin, M. Danielsen, J. Fin, A. Naamar, 2018 .

Journal Name: Earth Syst. Sci. Data, 10, 1901–1924

Transport and storage of anthropogenic C in the Subpolar North Atlantic : Model – Data comparison.

Racapé,V., Zunino, P., Lherminier, P., Mercier, H., Bopp, L. and Gehlen M., 2018.

Journal Name: Biogeosciences 15, 4661–4682

The seasonal cycle of δ 13 C DIC in the North Atlantic Subpolar Gyre.

Racapé, V., Metzl, N., Pierre, C., Reverdin, G., Quay, P., Olafsdottir, S.R, 2014.

Journal Name: Biogeosciences, 11, 1683–1692.

Anthropogenic carbon changes in the Irminger Basin (1981-2006): Coupling δ 13 C DIC and DIC observations.

Racapé, V., Pierre, C., Metzl, N., Lo Monaco, C., Reverdin, G., Olsen, A., Morin, P., Rios, A.F., Vazquez-Rodriguez, M. and Perez, F.F., 2013.

Journal Name: Journal of Marine System

Summer and winter distribution of δ 13 C DIC in surface waters of the South Indian Ocean (20°S-60°S).

Racapé, V., Lo Monaco, C., Metzl, N., Pierre, C., 2010.

Journal Name: Tellus B 62, 5, 660-673.