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Resume – PhD Student

➤ Education

2014 - 2017: PhD

Specialty Ice-sheet modeling – CEA / LSCE (University Versailles St Quentin – FR)
Coupling Greenland ice-sheet with atmospheric model and global climate model.

2013: Master's degree of Science

Specialty Physical and Biogeochemical Oceanography – Institut Pytheas (Aix Marseille University – FR)

2012: Bachelor's degree of Science in sea and environment

Specialty Marine Biogeochemical - Centre d'Océanologie de Marseille (Aix Marseille University – FR)

2007: High school diploma in sciences

Specialty Physic - Lycée Marcel Pagnol (Marseille – FR)

➤ Domaine of research

Optimization and handling model representing Ocean – Atmosphere – Ice sheet interaction.
Expertise on biogeochemical cycles (Nitrogen, Carbon, Phosphorus, Trace elements) and physical processes in Ocean. Knowledge of past climatic variation and abrupt climatic events. Interest on climate and Ice sheet modeling, climate and ocean change in global warming context.

➤ Field of competence

Programming: Python, Ferret, Matlab, R, Fortran 90, Latex, office, MS Office.

Laboratory analyses: Spectrometry, voltammetry, colorimetry.

Oceanographic campaign.

➤ Internships

January to June 2014 → CNRS / EPOC – Bordeaux (FR): Master Thesis

Study of the impact of a freshwater flux added in North Atlantic (Heinrich Event) on the world ocean.
D. Swingedouw (+33 5 40 00 89 04) - didier.swingedouw@u-bordeaux1.fr

June 2013 → MIO - Institut Pythéas (Marseille - FR)

Measurement of Titanium and Aluminum in the Mediterranean Sea by voltammetry and fluorescence technics.

T. Wagener (+33 4 91 82 93 69) - thibaut.wagener@univ-amu.fr

July 2011 → Aquarium Marée Nostrum (Montpellier - FR) :

Studies inputs of micronutrients on the growth of coral reef aquarium.
N. Picke (+33 4 67 13 05 61) – nathalie.picke@aquariummereenosttrum.fr

➤ **Oceanographic campaign**

June 2013: Campaign MOOSE GE 2013 - Leg 2 - 6 days - N/O Téthys II (Mediterranean sea).

October 2012: Campaign PHYBIO - 3 days - N/O Téthys II (Mediterranean sea).

March 2011: Campaign PHYBIO - 1 days - N/O Antédon II (Mediterranean sea).

➤ **Work experiences**

Lifeguard (2 years). Waiter in restaurant (2 years). Receptionist (4 years). Group leader at holiday center (2 summers).

➤ **Language**

French (Native)

English (Intermediate)