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Email gael.many@outlook.fr
Date of birth 08/16/1990 (32 yo)
Nationality French
Licences Driving and boating



Education

Oct. 2013 – Oct. 2016

Ph. D. in oceanology – CEFREM UPVD/CNRS UMR 5110 “Impact of storm and flood events on suspended particulate matter dynamics in the Gulf of Lions. Contributions of gliders to a multi-platform approach.” **Supervisors:** Xavier Durrieu de Madron (CNRS) and François Bourrin (UPVD)

Sept. 2011 – June 2013

MSc “Marine Geosciences and Aquatic Environments” – University of Perpignan Via Domitia (France)

Sept. 2010 – June 2011

BSc “Chemical Analyses Applied to the Environment” – University of Montpellier (France)

Sept. 2008 – June 2010

Two-year university degree in technology (Diplôme Universitaire et Technologique) – Physics measures specialism – University of Bordeaux (France)

June 2008

High school degree in Sciences (Baccalauréat) – Lycée des Graves – Gradignan (France)

Professional Experiences

March 2023 – Now

Post-doc “Satellite-derived Essential Climate Variables (ECVs) on small alpine lakes” – **EAWAG** – Dübendorf (Switzerland) – **Contact:** Daniel Odermatt

March 2021 – Feb. 2023

Post-doc “1D hydrodynamic and biogeochemical modelling of Lake Geneva based on a coupling between process-based and deep learning models” – **University of Lausanne** – Lausanne (Switzerland) – **Contact:** Marie-Elodie Perga

June 2018 – Dec. 2019

Post-doc “3D biogeochemical modelling of the Gulf of Lion coastal zone (western Mediterranean) based on a pelagic benthic coupling. Potential impact of a nuclear accident on the contamination of the planktonic ecosystem (ANR AMORAD)” – **Laboratoire d’Aérodologie** – Toulouse (France) – **Contacts:** Caroline Ulses, Claude Estournel

Jan. 2017 – May 2018

Post-doc “Contribution to the ANR DGA MATUGLI Program (Turbidity measurements from gliders). Integration of an ADCP on a glider.” – **Service Hydrographique et Océanographique de la Marine (SHOM)** – Brest (France) – **Contacts :** Frédéric Jourdin, François Bourrin

Feb. 2013 – June 2013

Msc Internship (2nd year) “Effects on climate change on arctic benthos. Kongsfjorden – Svalbard” – **CEFREM** (UPVD/CNRS) – **Supervisor:** Philippe Kerhervé

Teaching and Supervision Experiences

Teaching responsibilities (2015-2016) – 64 hours (University of Perpignan - France)

- Mapping
- Data treatment
- Physical oceanography
- Petrology
- Geodynamics
- Geological fieldwork

Participation in Masters and Thesis supervisions

Masters: **Florian Meslard** (2nd year) – University of Perpignan – France

Gabriel Juri (2nd year) – University of Lausanne – Switzerland

Thesis: **Mathieu Gentil** (2017-2020) – University of Perpignan – France

Skills

Scientific skills

Processes	Areas	Data management
Sediment dynamics	Coastal environment	Coding and programming
Physical oceanography	Lakes / Rivers	Statistical analysis
Particle properties	Mediterranean sea	Model development
Biogeochemical processes		Oral and writing communications

Technical skills

- Deployment, data acquisition and processing of in situ instruments (CTD, LISST, ADCP)
- Data analysis of buoys, marine glider, ocean color data, deep mooring, model outputs
- Model parametrization and simulations output processing
- Instruments calibration and lab analyses

Oceanographic cruises / Field works

- January 2014: TUCPA, Rhône River ROFI, R/V Antédon II (DT INSU), 1 week
- January / February 2015: PLUMRHO, Rhône River ROFI, R/V Téthys II (DT INSU), 2 weeks
- February 2016 and 2017: MATUGLI, Rhône River ROFI, R/V Téthys II (DT INSU), 1 week
- October 2017: MOCOSÉ, Barents Sea, R/V Pourquoi Pas? (IFREMER/SHOM), 3 weeks

Computing skills

Programming	Oceanographic tools	Application
MATLAB / R	LISST (Sequoia Inc.)	Microsoft office
HTML5 / CSS3	ADCP tools	LibreOffice
Shell	Ocean data view	Photoshop / Inkscape
Fortran (basics only)	Seabird CTD	QGis / ArcGIS

Languages

French (native language), **English** (upper intermediate level), **Spanish** (Basic)