

# Curriculum Vitae of Andrea M. Doglioli

*February 15, 2024*

Name: Andrea Michelangelo

Surname: Doglioli

Birth: Alessandria (Italy), 30 January 1974.

Nationality: Italian and French.

Civil status: Married, two sons.

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*Web:* [www.mio.osupytheas.fr/~doglioli](http://www.mio.osupytheas.fr/~doglioli)

## STUDIES

- Jul '18 *Habilitation à Diriger des Recherches en Sciences*, Université d'Aix-Marseille, Marseille, France. See thesis (In French) [\[PDF\]](#) and slides of the defense [\[PDF\]](#)
- May '04 *PhD in Marine Science*, Università di Genova. Genoa, Italy. Advisors: M. Fabiano, R. Festa, A. Griffa. See thesis (in Italian with extended abstract in English) [\[PDF\]](#)
- Jul '02,'03,'04 *Visiting PhD student at RSMAS* (Rosenstiel School of Marine & Atmospheric Science), University of Miami. Miami, Florida.
- Feb '00 *Five Years Degree in Environmental Sciences (specialization in Marine Environment)*, Università di Genova. Genoa, Italy. Advisors: R. Festa, A. Griffa, M. Fabiano, S. Tucci. See thesis (in Italian) [\[PDF\]](#) [\[ZIP\]](#)
- Jul '93 *High school diploma in classical studies*, Liceo Classico "G. Plana". Alessandria, Italy.

## COURSES

- 26-30 Oct '09 Institute on *Lyapunov analysis, from theory to geophysical applications*, ISC-Institut des Systèmes Complexes, Paris, France.
- 8-19 Sep '03 12th *Summer School for Parallel Computing* at the Interuniversity Consortium CINECA, Bologna, Italy.
- 19-21 Jun '02 CNR-MIT Cooperation on Climate Change and Hydrogeological Disasters - Summer Course: *The Steady Circulation of the Oceans* by Paola Malanotte-Rizzoli (M.I.T.), Departement of Civil and Environmental Engineering, Università di Perugia, Perugia, Italy.
- 27 May - 7 Jun '02 Environmental Engineering PhD course: *Fluid Mechanics*. Departement of Environmental Engineering, Università di Genova, Genova, Italy.
- 5-6 Jul. '01 Course promoted by CILEA (Lombard Interuniversity Consortium for Automatic Elaboration): *The FORTRAN 90 for the Intensive Scientific Calculation*, Milano, Italy.
- A.Y. 1996-1999 Selected courses to get the degree in Environmental Sciences: Mathematical models, Physical Oceanography, Coastal Hydrodynamics, Marine Geophysics, Meteorology, Physics of the Atmosphere, Physics of the Earth, Evolution of Coast and Shelf, Chemical Oceanography, Biological Oceanography and Marine Geology.

## COMPUTER KNOWLEDGE

Hardware Platforms: PC; PC clusters; workstations.

Operative Systems: Linux; Unix; Windows.

Languages: Programming: FORTRAN77,90; Visual FORTRAN; openMP, MPI.

Scripting: Shell; Matlab; Python.

Writing: LaTeX; HTML.

Applications: ODV; GrADS; SeaGrid; M\_Map; OpenOffice; MS Office; GIMP; Paint Shop Pro.

## WORK EXPERIENCE

- Sep '06 - current Associate Professor (*Maître de Conférences - HDR*) at Mediterranean Institute of Oceanography, Université d'Aix-Marseille, Marseille, France.
- Since 2017 Responsible of the annual teaching cruises [Introduction to the Oceanography for Bachelor students](#) in the Bay of Marseille.
- Apr-May '23 Chief scientist of the oceanographic cruise [BioSWOT-Med](#) in the Western Mediterranean Sea [doi:[10.17600/18002392](#)].
- May '19 Participant to the oceanographic cruise [FUMSECK](#) in the North-Western Mediterranean Sea [doi:[10.17600/18001155](#)].

Apr-May '18	Participant to the oceanographic cruise <a href="#">PROTEVSMED-SWOT</a> in the South-Western Mediterranean Sea [doi: <a href="#">10.17183/protevsmed_swot_2018_leg2</a> ].
June '17	Organizer of the international workshop & summer school <a href="#">FineMed2017</a> in collaboration with G.Grégori, F.d'Ovidio et M.Thyssen.
May-June '17	Participant to the oceanographic cruise <a href="#">Peacetime</a> in the Mediterranean Sea [doi: <a href="#">10.17600/17000300</a> ].
May '16	Chief scientist of the oceanographic cruise EssMVP in the NW Mediterranean Sea [doi: <a href="#">10.17600/15008800</a> ].
Apr '16	Participant to the oceanographic cruise <a href="#">SeaQUEST</a> in the NW Mediterranean Sea [doi: <a href="#">10.17600/16008300</a> ].
Nov '15	Chief scientist of the oceanographic cruise OSCAHR in the NW Mediterranean Sea [doi: <a href="#">10.17600/15008800</a> ].
Sep '10	Participant to the oceanographic cruises <a href="#">Latex10</a> in the Gulf of Lion [doi: <a href="#">10.17600/10450150</a> and <a href="#">10.17600/10020030</a> ].
May - Jul '10	Visiting Researcher at <a href="#">ISMAR - Istituto di Scienze Marine</a> , Consiglio Nazionale delle Ricerche. Venice, Italy.
Sep '09	Participant to the oceanographic cruise <a href="#">Latex09</a> in the Gulf of Lion [doi: <a href="#">10.17600/9450140</a> ].
Aug '08	Participant to the oceanographic cruise <a href="#">Latex08</a> in the Gulf of Lion [doi: <a href="#">10.17600/8450140</a> ].
Jui '07	Participant to the oceanographic cruise <a href="#">Latex00</a> in the Gulf of Lion [doi: <a href="#">10.17600/7450130</a> ].
Nov '04 - Aug '06	Post-doc Researcher at Laboratoire de Physique des Océans UMR 6523, Université de Bretagne Occidentale. Brest, France.
Nov '00 - Oct '04	Fellow Researcher ( <i>Assegnista di Ricerca</i> ) at Dipartimento di Fisica, Università di Genova. Genoa, Italy.
1996	Collaborator with Elettronica Enne (Savona, Italy), a company specialized in building ROV (Remote Operated Vehicle) and oceanographical buoys.
Jui '96	Participant to the oceanographic cruise in the Gulf of Genoa as part of the project SAREF supported by Università di Genova.
Jul '95	Participant to the oceanographic cruise at Eolie Islands as part of the project EOCUUM supported by Università di Genova and Italian Navy.

#### TEACHING AND TUTORING (selected)

Since Oct '22	PhD thesis supervisor. Title: <i>Lagrangian study of fine-scale physical-biological coupling</i> . Student: <a href="#">L. Oms</a> . Internship funded by CNES and <a href="#">Ocean Sciences Institute</a> , École Doctorale "Sciences de l'Environnement", Université d'Aix-Marseille. In collaboration with G.Grégori and M.Messié.
Since May '18	Responsible for the "gap year" program ( <i>Césure</i> ) for the students of the Master of Marine Sciences, Université d'Aix-Marseille.
A.Y. 2023-2024	<a href="#">Batchelor and Master courses</a> : <i>Introduction to Physical Oceanography</i> (level 2), <i>Ocean Dynamics and Modeling Project</i> (level 3), <i>Ocean Circulation Modelling and The Mediterranean Seas (for General Oceanography)</i> (level 4) and <i>Lagrangian Methods: Fundements and Sampling Strategies</i> (level 5), Université d'Aix-Marseille.
Jan '23	Master class lecturer. Title: <i>An introduction to the physical oceanography of the Mediterranean Sea : hydrology, dynamics and implications on biodiversity</i> . <a href="#">Sciences Po College Menton</a> , Middle East and Mediterranean Program.
A.Y. 2022-2023	<a href="#">Batchelor and Master courses</a> : <i>Introduction to Physical Oceanography</i> (level 2), <i>Ocean Dynamics and Modeling Project</i> (level 3), <i>Ocean Circulation Modelling and The Mediterranean Seas (for General Oceanography)</i> (level 4) and <i>Lagrangian Methods: Fundements and Sampling Strategies</i> (level 5), Université d'Aix-Marseille.
Oct '19 – Dec'22	PhD thesis supervisor. Title: <i>The fine scale circulation and its impact on the phytoplankton biodiversity</i> . Student: <a href="#">R.Tzortzis</a> . École Doctorale "Sciences de l'Environnement", Université

- d'Aix-Marseille. In collaboration with G.Grégori. [[see thesis PDF](#) [see presentation PDF](#)]
- 2022 Master thesis supervisor. Title: *Influence des structures physiques de fines échelle sur la répartition du phytoplancton au niveau des couches profondes*. Student: L.Oms, Master de Sciences de la Mer, Université d'Aix-Marseille. [[see report and presentation](#)]
- 2022 Master thesis supervisor. Title: *Étude du couplage physique-biologie aux fines échelles par échantillonnage Lagrangien*. Student: N.Kientz, Master de Sciences de la Mer, Université d'Aix-Marseille.
- Jan '22 Master class lecturer. Title: *An introduction to the physical oceanography of the Mediterranean Sea : hydrology, dynamics and implications on biodiversity*. [Sciences Po College Menton](#), Middle East and Mediterranean Program.
- Nov '21 International online course coordinator and participant. Title: [Ocean Sciences: Lagrangian methods in marine sciences](#). CIVIS european civic university alliance.
- 2021 Master thesis supervisor. Title: *Étude de la circulation océanique pendant la campagne PROTEVS-GIB 2020*. Student: P.Agius, Master de Sciences de la Mer, Université de Toulon. In collaboration with L.Bordois. [[see report and presentation](#)]
- A.Y. 2020-2021 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling and The Mediterranean Seas (for General Oceanography)* (level 4) and *Lagrangian Methods: Fundements and Sampling Strategies* (level 5), Université d'Aix-Marseille.
- 2019 Master thesis supervisor. Title: *Étude de la circulation à mésoéchelle et ses implications sur la biogéochimie grâce aux mesures de la campagne PROTEVS-SWOT 2018*. Student: R.Tzortzis, Master Sciences de la Mer, Université d'Aix-Marseille. In collaboration with S.Barrillon. [[see report and presentation](#)]
- A.Y. 2019-2020 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling and The Mediterranean Seas (for General Oceanography)* (level 4) and *Lagrangian Methods: Fundements and Sampling Strategies* (level 5), Université d'Aix-Marseille.
- 2019 Internship supervisor. Title: *Conception d'un système de largage d'un traceur en mer et modélisation de sa dispersion*. Student: T.Coulon, Polytech Nice-Sophia. In collaboration with J.-L.Fuda, S.Barrillon and G. Grégori. [[see report PDF](#)]
- A.Y. 2018-2019 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling and The Mediterranean Seas (for General Oceanography)* (level 4) and *Lagrangian Methods: Fundements and Sampling Strategies* (level 5), Université d'Aix-Marseille.
- Oct '15 -Dec '18 PhD thesis supervisor. Title: *Ocean physical-biogeochemical coupling at the (sub)mesoscale by in situ measurements and remote sensing*. Student: L. Rousselet. École Doctorale "Sciences de l'Environnement", Université d'Aix-Marseille. In collaboration with A.A. Petrenko. [[see thesis PDF](#) [see presentation PDF](#)]
- Jan '15 – Sep '18 PhD thesis supervisor. Title: *Physical and biogeochemical processes driving the island effect of the Marquesas*. Student: H. Raapoto. École Doctorale "du Pacifique", Université de Polynésie Française et École Doctorale "Sciences de l'Environnement", Université d'Aix-Marseille. In collaboration with J.-C. Gartener, A.A. Petrenko and E.Martinez. [[see thesis PDF](#) [see presentation PDF](#)]
- Feb-Sep '18 Internship supervisor. Title: *Biodegradable Settling Microparticles: numerical modeling and laboratory experiments*. Student: [S. Spadoni](#). [Erasmus+ program](#), Università di Genova and Université d'Aix-Marseille. In collaboration with G. Grégori.
- A.Y. 2017-2018 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling and Mediterranean Sea Circulation for General Oceanography* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5), Université d'Aix-Marseille.
- Oct '13 - Apr '17 PhD thesis supervisor. Title: *Marine connectivity: exploring the role of currents and turbulent processes in driving it*. Student: A. Costa. École Doctorale "Sciences de

- l'Environnement", Université d'Aix-Marseille. In collaboration with A.A. Petrenko. [[see thesis PDF see presentation PDF](#)]
- A.Y. 2016-2017 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics* (level 3), *Ocean Circulation Modelling* and *Mediterranean Sea Circulation for General Oceanography* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5). Université d'Aix-Marseille.
- A.Y. 2015-2016 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics* (level 3), *Ocean Circulation Modelling* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5). Université d'Aix-Marseille.
- 2015 Master's thesis supervisor. Title: *Étude de la circulation à mésoéchelle et ses implications sur la biogéochimie en mer de Corail*. Student: L.Rousselet, Master d'Océanographie, Université d'Aix-Marseille. In collaboration with C.Maes. [[see report](#)]
- A.Y. 2014-2015 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling* and *Mediterranean Sea Circulation for General Oceanography* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5). Université d'Aix-Marseille.
- Sep '10 - Oct '13 PhD thesis supervisor. Title: *Dynamics of meso- and submesoscale oceanic processes from numerical simulations and in situ data*. Student: [M. Kersalé](#). École Doctorale "Sciences de l'Environnement", Université d'Aix-Marseille. In collaboration with A.A. Petrenko and I. Dekeyser. [Prix de thèse de l'Académie de Marine](#). [Prix de thèse d'Aix-Marseille Université](#). [[see thesis PDF see presentation PDF](#)]
- A.Y. 2013-2014 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling* and *Mediterranean Sea Circulation for General Oceanography* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5). Université d'Aix-Marseille.
- 2013 Master's thesis supervisor. Title: *Etude numérique Lagrangienne de la connectivité en Mer Méditerranée*. Student: A.-M. Rammou, Master d'Océanographie, Aix-Marseille Université. In collaboration with A. Molcard. [[see report](#)]
- A.Y. 2012-2013 [Batchelor and Master courses](#): *Introduction to Physical Oceanography* (level 2), *Ocean Dynamics and Modeling Project* (level 3), *Ocean Circulation Modelling* and *Mediterranean Sea Circulation for General Oceanography* (level 4) and *Circulation and Dispersion in Coastal Waters* (level 5). Aix-Marseille Université.
- 2012 Master's thesis supervisor. Title: *Mesures de turbulence océanique dans le golfe du Lion: expérimentation et interprétation*. Student: R. Rainaud, Master d'Océanographie, Aix-Marseille Université. In collaboration with A. Petrenko [[see report](#)].
- 2011 Visiting Student Supervisor. Title: *Surface transport in the Northeastern Adriatic Sea inferred from Finite-Size Lyapunov Exponents (FSLE)*. Student: Maristella Berta, Doctorate School in Environmental and Industrial Fluid Mechanics, Università di Trieste, Italy.
- A.Y. 2011-2012 [Batchelor and Master courses](#): *Ocean Dynamics* (level 3), *Regional Ocean Circulation Modelling* (level 4) and *Coastal Oceanography, Mediterranean Sea Circulation, Mesoscale Dynamics, Lagrangian Methods* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.
- 2011 Stage supervisor. Title: *Comparaison de l'activité mésoéchelle entre différents modèles numériques 3D de circulation*. Student: Antoine Boyron, Ecole normale supérieure de Lyon. In collaboration with A.A. Petrenko [[see report](#)].
- May '11 Lecturer. Title: *Seminari d'introduzione all'Oceanografia Fisica*, in the framework of the course 'Fisica dell'Atmosfera' by Dr. Andrea Mazzino, Facoltà di Scienze M.F.N., Università degli Studi di Genova. [[see notes and slides](#)]
- Oct '07 - Feb '11 PhD thesis supervisor. Title: *Study of eddies and filaments in the Gulf of Lion*. Student: [Z.Hu](#). École Doctorale "Sciences de l'Environnement", Centre d'Océanologie de Marseille, Université de la Méditerranée. In collaboration with A.A. Petrenko and I. Dekeyser. [[see abstract in French and English PDF](#), [see thesis PDF](#), [see presentation PDF](#)]

- A.Y. 2010-2011 [Batchelor and Master courses](#): *Ocean Dynamics* (level 3), *Modelling*, *Ocean Modelling* (level 4) and *Coastal Oceanography, Mediterranean Sea Circulation, Mesoscale Dynamics, Lagrangian Methods* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.
- 2010 Master's thesis supervisor. Title: *Turbulent measurements in North Western Mediterranean using SCAMP (Self Contained Autonomous MicroProfiler)*. Student: Anna Rumyantseva, Master of Physics, University of Moscow. In collaboration with A.A. Petrenko [[see report](#)].
- 2010 Master's thesis supervisor. Title: *High resolution modeling study of Meddy collision with seamounts*. Student: [M. Kersalé](#), Centre d'Océanologie de Marseille, Université de la Méditerranée. In collaboration with Dr. A. Peliz, Instituto de Oceanografia, Universidade de Lisboa, Portugal [[see report](#)].
- Jul '10 Training courses for ARPAV (Regional Agency for Environmental Protection of Veneto) Modelling Staff. Titles: 1) *Breve storia della modellistica numerica fluido-dinamica*; 2) *Introduzione all'uso di un modello numerico di circolazione: ROMS-AGRIF*; 3) *Esempi di implementazione del modello ROMS-AGRIF: il mare Adriatico*; 4) *Aspetti caratteristici della circolazione oceanica in prossimità di ostacoli*. ISMAR-CNR, Venezia, Italy [see slides [#1](#), [#2](#), [#3](#), [#4](#)].
- Jan '07 - Apr '10 PhD thesis supervisor. Title: *Numerical modelling of circulation and pollutant dispersion-degradation in coastal waters. An application to the Eastern Ligurian Sea*. Student: [P. De Gaetano](#). Dottorato in Geofisica XXII ciclo, Università degli Studi di Genova. In collaboration with R. Festa and M. Burlando. [[see thesis PDF](#)]
- A.Y. 2009-2010 [Batchelor and Master courses](#): *Ocean Dynamics* (level 3), *Modelling*, *Ocean Modelling* (level 4) and *Coastal Oceanography, Mediterranean Sea Circulation, Mesoscale Dynamics, Lagrangian Methods* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.
- 2009 Master's thesis supervisor. Title: *Numerical Lagrangian study of main pathways of water masses in Northwestern Mediterranean*, Student: H. Berger, Université du Sud Toulon Var [[see report](#)].
- 29 Apr '09 Lecturer. Title: *La circolazione oceanica generale forzata dal vento e tematiche recenti in oceanografia*, in the framework of the course 'Fisica dell'Atmosfera 1' by Prof. Corrado Ratto, Facoltà di Ingegneria, Università degli Studi di Genova.
- A.Y. 2008-2009 [Batchelor and Master courses](#): *Ocean Dynamics* (level 3), *Modelling*, *Ocean Modelling* (level 4) and *Coastal Oceanography, Mediterranean Sea Circulation, Mesoscale Dynamics, Lagrangian Methods* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.
- 2008 Master's thesis supervisor: *Impact evaluation of a mesoscale eddy on the structure of the trophic web of the Gulf of Lion*. Student: [R. Campbell](#). Master d'Océanographie, Centre d'Océanologie de Marseille, Université de la Méditerranée. In collaboration with F. Diaz and A.A. Petrenko. [[see report](#)]
- 12 May '08 Lecturer. Title: *Modellizzazione della dispersione in mare. Introduzione ai modelli numerici ed esempi di applicazioni nelle acque costiere liguri*, in the framework of the course 'Fisica dell'Atmosfera 1' by Prof. Corrado Ratto, Facoltà di Ingegneria, Università degli Studi di Genova.
- A.Y. 2007-2008 [Batchelor and Master courses](#): *Informatics and programming* (level 1), *Ocean Dynamics, Modelling* (level 3), *Ocean Modelling* (level 4) and *Coastal Oceanography* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.
- 2007 Master's thesis supervisor. Title: *Mesoscale eddies in the Gulf of Lion*. Student: [Z. Hu](#). Master d'Océanographie, Centre d'Océanologie de Marseille, Université de la Méditerranée. [[see report](#)]
- A.Y. 2006-2007 [Batchelor and Master courses](#): *Informatics and programming* (level 1), *Ocean Dynamics, Modelling* (level 3), *Ocean Modelling* (level 4) and *Coastal Oceanography* (level 5). Centre d'Océanologie de Marseille, Université de la Méditerranée.

- 2006 Master's thesis supervisor. Title: *Gestione di un impianto di maricoltura: sviluppo del modello advettivo-dispersivo POM-LAMP3D tramite il modulo degradativo e analisi degli impatti ambientali*. Student: [P. De Gaetano](#). Corso di Laurea in Scienze Ambientali, Università di Genova. In collaboration with M. Fabiano and P. Vassallo. [[see report PDF](#), [HTML](#)]
- Apr '04 Lecturer. Title: *Modelli numerici per lo studio della dispersione di rifiuti da maricoltura* in the framework of the Advanced Master 'Acquacoltura: risorse, impatto, gestione', organized by Prof. M. Fabiano, in collaboration between Università degli Studi di Genova and Universidad Austral de Chile.
- Apr '03 Lecturer. Title: *Applicazione di modelli matematici ad una maricoltura* in the framework of the course 'Fondamenti di Analisi dei Sistemi Ecologici' by Prof. C. Nike Bianchi, Facoltà di Scienze M.F.N., Università degli Studi di Genova.

#### RESEARCH PROGRAMS (selected)

- Apr'20 – current Title: [BIOSWOT-AdAC: Adopt A Crossover](#). PIs: F.d'Ovidio (CNRS), **A.M.Doglioli**, G.Grégori (CNRS) funded by CNES.
- 2016-2020 Title: [BIOSWOT: Fine-scale biophysical applications of SWOT](#). PI: F. d'Ovidio (CNRS), Co-PIs X.Capet (CNRS), M.Lévy (CNRS), C.Cotté (MNHN), **A.M.Doglioli**, funded by CNES.
- 2018 Title: MARBLESS: Marine Biodegradable particle Settling Study. PI: **A.M. Doglioli**, funded by Erasmus+ EU program.
- 2014-2018 Title: [PEACETIME: ProcEss studies at the Air-sEa Interface after dust deposition in the Mediterranean sea](#). PI: C.GuiEU (CNRS) and K.Desboeufs (Université Paris Diderot), funded by CNRS INSU-MISTRAL, France.
- 2013-2017 Title: [OSCAHR: Observing Submesoscale Coupling At High Resolution](#). PI: **A.M.Doglioli** and G.Grégori (CNRS), funded by MIO, CNFC and CNES, France.
- 2013-2017 Title: [OUTPACE: Oligotrophy to Ultra-oligotrophy PACific Experiment](#). funded by CNRS, ANR, IRD, PIs: T.Moutin (Université d'Aix-Marseille) and S.Bonnet (IRD), and by CNES, PI: **A.M.Doglioli**, France.
- 2012-2015 Title: [CoCoNet: Towards COast to COast NETWORKS of marine protected areas \(from the shore to the high and deep sea\), coupled with sea-based wind energy potential](#). PI: N. Boero (University of Bari), funded by FP7 program, EU. [[see project website](#)]
- 2010-2014 Title: *SPECiMed : Structures of Planktonic Ecosystems in the North-western Mediterranean*. PI: B. Quéguiner (MIO), funded by CNRS-Centre National de la Recherche Scientifique, France. [[see project website](#)]
- 2010 Title: *STOMiC\_PB : Study of Turbulence Ocean Mixing for Coupling Physics-Biochemistry*. PIs: **A.M. Doglioli**, A.A. Petrenko (LOPB UMR 6535), funded by ANR-Agence Nationale de la Recherche, in the framework of the program BQR-Bonus Qualité Recherche-Préciput 2010, and by CNRS-Centre Nationalpo de la Recherche Scientifique, France.
- 2010-2011 Title: *WASSCO: Waters - Application de Suivi de Structures COhérentes 3D dans des modèles de circulation océanique haute résolution MERCATOR et comparaison avec des données altimétriques*. PI: N.Grima (LPO UMR 6523), funded by Groupe Mission MERCATOR-CORIOLIS, France.
- 2009-2011 Title: *MASSILIA - Modélisation de la baie de Marseille : Influence des apports Anthropiques de la métropole sur l'écosystème marin*. PI: C. Pinazo (LOPB UMR 6535), funded by EC2CO-PNEC, France.
- 2009-2012 Title: *JELLYWATCH - projet de recherche finalisé, visant à comprendre et à prévoir l'apparition massive de la méduse Pelagia noctiluca dans les zones côtières de la région PACA*. PI: G.Gorski (LOV UMR7093), funded by Region PACA and FEDER-Fonds Européen de Développement Régional, France.

- 2008-2011 Title: [\*LATEX - Lagrangian Transport Experiment\*](#). PI: A. Petrenko and F. Diaz (LOPB UMR 6535), funded by LEFE-IDAO/CYBER, CNRS, France.
- 2008-2009 Title: *LAPLACE - LAgrangian zooPLankton Computation and Experiment*. PI: F. Carlotti (LOB UMR 6535), funded by EC2CO-PNEC, France.
- 2008-2009 Title: *42N5E: suivi de la zone de convection profonde dans le Golfe du Lion*. PI: P. Testor (LOCEAN-IPSL UMR 7159), funded by LEFE-IDAO, CNRS, France.
- 2007 Title: *LATEX00 - Lagrangian Transport Experiment - phase pilote, 2007*. PI: A. Petrenko and F. Diaz (LOB UMR 6535), funded by LEFE-IDAO/CYBER, CNRS, France.
- 2004-2006 Title: *Diagnostic lagrangien du transport de masse associé au déplacement de tourbillons*, PI: B. Blanke (LPO UMR 6523), funded by PEA SHOM, France.
- 2003-2004 Title: *Nuovi modelli di flusso C,N,P e di dispersione per ridurre l'impatto ambientale di allevamenti off-shore*, PI: M. Fabiano (DIPTERIS-UNIGE), funded by Regione Puglia, Italy.
- 2002-2004 Title: *Indagine delle specifiche fluidodinamiche e dispersive in un insieme di siti nell'area marina costiera ligure, finalizzato alla valutazione della dispersione di inquinanti da maricoltura*, PI: R. Festa (DIFI-UNIGE), funded by Regione Liguria.

#### REVIEWING AND ADVISING

- 2023 Member of the PhD studentship committee of L.Wang (supervisor L.Memery, Université de Bretagne Occidentale), N.Fonveille (supervisor D.Nerini, Aix-Marseille Université), F.Sudre (supervisor V.Rossi, Aix-Marseille Université).
- 2022 Reviewer and Member of the PhD thesis jury of I. Mangolte (supervisor: M. Lévy), Sorbonne Université (Paris, France).  
Reviewer and Member of the PhD thesis jury of F.Guerrini (supervisor: A.Casagrande), Politecnico di Milano (Milan, Italy).  
Reviewer and Member of the PhD thesis jury of H.M.A. Aguedjou (supervisors: I.Dadou, E.Bloïtcha, A.Chaigenau), Université de Toulouse 3 (France) et Université d'Abomey-Calavi (Benin), Chaire Internationale en Physique Mathématique et Applications de l'UNESCO.  
Member of the PhD studentship committee of N.Fonveille (supervisor D.Nerini, Aix-Marseille Université), F.Sudre (supervisor V.Rossi, Aix-Marseille Université), W.Podlejski (supervisor L.Bérline, Aix-Marseille Université), L.Wang (supervisor L.Memery, Université de Bretagne Occidentale), Z.Caspar-Cohen (supervisor A.Ponte, Université de Bretagne Occidentale).
- 2021 Reviewer and Member of the PhD thesis jury of S.Sergi (supervisor: F.d'Ovidio), Sorbonne Université (Paris, France).  
Member of the PhD studentship committee of W.Podlejski (supervisor L.Bérline, Aix-Marseille Université), N.Fonveille (supervisor D.Nerini, Aix-Marseille Université), Z.Caspar-Cohen (since 2019, supervisor A.Ponte, Université de Bretagne Occidentale), L.Wang (since 2019, supervisor L.Memery, Université de Bretagne Occidentale).  
Reviewer for the ENS Paris-Saclay PhD program.  
Reviewer for [Commission Nationale Flotte Côtière \(France\)](#) .  
Reviewer of Master thesis defenses, Master of Oceanography, University of Aix-Marseille.
- 2020 Reviewer and Member of the HDR thesis jury of J.-O.Irissos, Sorbonne Université (Villefranche sur Mer, France).  
Reviewer for [Eurofleet](#) and [User Support Programme Space Research](#) by the Netherlands Space Office.  
Member of the PhD studentship committee of A.Ayouche (since 2018, supervisor X.Carton, Université de Bretagne Occidentale), Z.Caspar-Cohen (supervisor A.Ponte, Université de Bretagne Occidentale), L.Wang (supervisor L.Memery, Université de Bretagne Occidentale), G.Manta (Sorbonne Université).  
Reviewer of Master thesis defenses, Master of Oceanography, University of Aix-



- Marseille.
- 2019 Reviewer and Member of the PhD thesis jury of A.Ioannou (supervisors: S.Speich and A.Stegner), Sorbonne Université (Paris, France).  
Reviewer and Member of the PhD thesis jury of R.Laxenaire (supervisors: S.Speich and A.Stegner), Université Paris-Saclay (Paris, France).  
Member of the PhD studentship committee of B.Girardot (since 2018, supervisor J.-C.Poggiale, Université d'Aix-Marseille), A.Ayouche (since 2018, supervisor X.Carton, Université de Bretagne Occidentale), G.Fifani (supervisor F.d'Ovidio, Sorbonne Université).  
Member of the examining board of the Master thesis defenses, Master of Marine Sciences, University of Aix-Marseille.
- 2018 Member of the PhD thesis jury of A.C.Vladoiu (supervisor: P.Bouruet-Aubertot), Sorbonne Université (Paris, France).  
Reviewer for [Programme LEFE \(CNRS, France\)](#) and for the French Army PhD program.  
Member of the examining board of the Master thesis defenses, Master of Marine Sciences, University of Aix-Marseille.
- 2017 Reviewer for [Programme LEFE \(CNRS, France\)](#) and [Commission Nationale Flotte Côtière \(France\)](#).
- 2016 Reviewer for [Commission Nationale Flotte Côtière \(France\)](#).  
Member of the examining board of the Master thesis defenses, Master of Marine Sciences, University of Aix-Marseille.
- 2015 Reviewer for [Programme TOSCA \(CNES, France\)](#) and [Programme LEFE \(CNRS, France\)](#).  
Member of the selection committee for an Assistant Professorship at Université de Bretagne Occidentale.
- 2014 Reviewer for [Commission Nationale Flotte Côtière \(France\)](#) and [Commission Nationale Flotte Hauturière \(France\)](#).  
Member of the examining board of the Master thesis defenses, Master of Marine Sciences, University of Aix-Marseille.
- 2013 Reviewer for [Programme LEFE \(CNRS, France\)](#) and [Commission Nationale Flotte Hauturière \(France\)](#).
- 2012 Reviewer for [Programme LEFE \(CNRS, France\)](#).  
Member of the PhD thesis jury of A.David (supervisor: S.Speich), Université de Bretagne Occidentale.  
Member of the examining board of the Master thesis defenses, Master of Marine Sciences, University of Aix-Marseille.
- 2011 Reviewer for [Continental Shelf Research](#).  
Member of the selection committee for an Assistant Professorship at Université d'Aix-Marseille.
- 2010 Reviewer for [Volume Mare CNR \(Italy\)](#), [Ocean Science](#), [Nonlinear Processes in Geophysics](#).
- 2009 Reviewer for [Journal of Atmospheric and Oceanic Technology](#), [Ocean Modelling](#), [The Open Oceanography Journal](#).  
President of the baccalaureate examining board at the Lycée A.David-Neel, Digne, France.
- 2008 Reviewer for IFREMER Post-Doc Program (France).
- 2007 Reviewer for EC2CO-PNEC National Program (France).
- 2005 Reviewer for [Aquaculture](#), [Il Nuovo Cimento](#).
- 2004 Reviewer for [Journal of Environmental Radioactivity](#), [Indian Journal of Marine Sciences](#).
- 2003 Reviewer for [Aquaculture](#).

#### ACHIEVEMENTS AND RESPONSABILITIES

- Jan '23 – current Vice-President of the French Fleet National Commission (*CNFH-Commission Nationale Flotte Hauturière*).

Jan '21 – current	Member of the OSTST Science Team.
Apr '20 – current	Member of the SWOT Science Team.
Jan '19 - Dec'22	Member of the French Fleet National Commission ( <i>CNFH-Commission Nationale Flotte Hauturière</i> )
Nov '18 – current	Contact person at MIO for the CNES.
Jan '12 – current	Member of the Executive Committee ( <i>ComEx</i> ) and of the Steering Committee of the Atmospheric and Oceanographic Facility ( <i>CoPil-SAM</i> ) at MIO - Mediterranean Institute of Oceanography. Marseille, France.
06 Feb '19	Eligibility as Full Professor for meteorology, physical oceanography and environmental physics, released by the French National Council of University.
Sep '15 - Aug '17	Associate Researcher CNRS ( <i>Accueil en délégation au CNRS</i> ) at MIO - Mediterranean Institute of Oceanography. Marseille, France.
Jan '11 – Dec '11	Member of Scientific Committee of LOPB - Laboratoire d'Océanographie Physique et de Biogéochimique, UMR 6535, Centre d'Océanologie de Marseille. Marseille, France.
Oct '09	Eligibility as <i>ricercatore CNR - III livello professionale, conseguita tramite concorso pubblico per titoli ed esami, Bando n.364.13, Area Scientifica (VIII) 'Scienze dell'Ambiente', Posizione A - Codice OR2/1, punti 95,70/120 e Posizione H - Codice VE80/1, punti 90,20/120, graduatoria pubblicata nella G.U. n.82 del 23/10/2009.</i>
Feb '08 -Dic '09	Member of Scientific Committee of LOPB - Laboratoire d'Océanographie Physique et de Biogéochimique, UMR 6535, Centre d'Océanologie de Marseille. Marseille, France.
15 Feb '06	Qualification as Assistant Professor ( <i>Maître de conférences</i> ) for meteorology, physical oceanography and environmental physics, the French Ministry of Education and Research.
Nov '05 - Nov '07	Member of Scientific Committee of AISA (Italian Association of Environmental Sciences).
Jun '01 - Oct '04	Member of the board of directors of the fair trade cooperative La Bottega Solidale srl.
1996 – 1999	Student Delegate and Vice-President of the Joint Committee of Università di Genova.
1996 – 1997	Promoter and National Councillor of AISA.
1995 – 1997	Promoter and President of the genoese section of AISA.
Jul '91	Open Water Diver (PADI Scuba Diving Course).

#### SPORTS AND HOBBIES

Trekking, cross-country skiing, bicycle touring, diving & swimming, fishing, spearfishing, gardening, cooking.

PUBLICATIONS

PEER-REVIEWED ARTICLES

- Oms, L., Messié, M., Poggiale, J.-C., Grégori, G., **Doglioli, A. M.** (submitted). *Modelling phytoplankton community transitions in the oligotrophic ocean: a Mediterranean Sea case study*. Ecol. Model. Preprint [PDF]
- Hoerstmann, C., Aguiar-González, B. M., Barrillon, S., Carpaneto Bastos, C., Grosso, O., Pérez-Hernández, M. D., **Doglioli, A. M.**, Petrenko, A. A., Benavides, M. (submitted). *Diazotroph connectomics in Gulf Stream eddies supports  $N_2$  fixation in the North Atlantic*. Nat. Geosci. Preprint available at Research Square <https://doi.org/10.21203/rs.3.rs-3721371/v1>
- Tzortzis, R., **Doglioli, A. M.**, Barrillon, S., Petrenko, A. A., Izard, L., Zhao, Y., d'Ovidio, F., Dumas, F., and Gregori, G. (2023). *The contrasted phytoplankton dynamics across a frontal system in the southwestern Mediterranean Sea*. Biogeosciences, 20, 3491-3508, doi: [10.5194/bg-20-3491-2023](https://doi.org/10.5194/bg-20-3491-2023).
- Podlejski, W., Berline, L., Nerini, D., **Doglioli, A.M.**, Lett, C. (2023). *Tracking of Sargassum aggregations on satellite images and analysis of their drift*. Mar. Pollut. Bull., 188, 114629, doi: [10.1016/j.marpolbul.2023.114629](https://doi.org/10.1016/j.marpolbul.2023.114629).
- Barrillon, S., Fuchs, R., Petrenko, A. A., Comby, C., Bosse, A., Yohia, C., Fuda, J.-L., Bhairy, N., Cyr, F., **Doglioli, A. M.**, Grégori, G., Tzortzis, R., d'Ovidio, F., and Thyssen, M. (2023). *Phytoplankton reaction to an intense storm in the northwestern Mediterranean Sea*. Biogeosciences, 20, 141-161, doi: [10.5194/bg-20-141-2023](https://doi.org/10.5194/bg-20-141-2023).
- Comby, C., Barrillon, S., Fuda, J.-L., **Doglioli, A.M.**, Tzortzis, R., Gregori, G., Thyssen, M., Petrenko, A. (2022). *Measuring vertical velocities with ADCPs in low-energy ocean*, J. Atmos. Ocean. Tech., 39(11), 1669-1684, doi: [10.1175/JTECH-D-21-0180.1](https://doi.org/10.1175/JTECH-D-21-0180.1). [hal-03746757](https://hal.archives-ouvertes.fr/hal-03746757)
- Messié, M., Petrenko, A., **Doglioli, A.M.**, Martinez, E., Alvain S. (2022). *Basin-scale biogeochemical and ecological impacts of islands in the tropical Pacific Ocean*. Nat. Geosci., doi: [10.1038/s41561-022-00957-8](https://doi.org/10.1038/s41561-022-00957-8).
- Tzortzis, R., **Doglioli, A.M.**, Barrillon, S., Petrenko, A. A., d'Ovidio, F., Izard, L., Thyssen, M., Pascual, A., Barceló-Llull, B., Cyr, F., Tedetti, M., Bhairy, N., Garreau, P., Dumas, F., and Grégori, G. (2021). *Impact of moderately energetic fine-scale dynamics on the phytoplankton community structure in the western Mediterranean Sea*. Biogeosciences, 18, 6455-6477, doi: [10.5194/bg-18-6455-2021](https://doi.org/10.5194/bg-18-6455-2021). [hal-03485758](https://hal.archives-ouvertes.fr/hal-03485758)
- Berline, L., **Doglioli, A.M.**, Petrenko, A., Barrillon, S., Espinasse, B., Le Moigne, F. A. C., Simon-Bot, F., Thyssen, M., and Carlotti, F. (2021). *Long-distance particle transport to the central Ionian Sea*. Biogeosciences, 18, 6377-6392, doi: [10.5194/bg-18-6377-2021](https://doi.org/10.5194/bg-18-6377-2021). [hal-03436100](https://hal.archives-ouvertes.fr/hal-03436100)
- Pulido-Villena, E., Desboeufs, K., Djaoudi, K., Van Wambeke, F., Barrillon, S., **Doglioli, A.**, Petrenko, A., Taillandier, V., Fu, F., Gaillard, T., Guasco, S., Nunige, S., Triquet, S., and Guieu, C. (2021). *Phosphorus cycling in the upper waters of the Mediterranean Sea (PEACETIME cruise): relative contribution of external and internal sources*. Biogeosciences, 18, 5871- 5889, doi: [10.5194/bg-18-5871-2021](https://doi.org/10.5194/bg-18-5871-2021). [hal-03418751](https://hal.archives-ouvertes.fr/hal-03418751)
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- Costa, A., Martin González, A., Guizien, K., **Doglioli, A.M.**, Gómez, J.M., Petrenko, A.A., Allesina S. (2019). *Ecological networks: Pursuing the shortest path, however narrow and crooked.*, Sci.Rep., 9, 17826, doi:[10.1038/s41598-019-54206-x](https://doi.org/10.1038/s41598-019-54206-x), [hal-02454786](https://hal.archives-ouvertes.fr/hal-02454786) doi biorxiv: [10.1101/475715](https://doi.org/10.1101/475715).
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- d'Ovidio, F., Pascual, A., Wang, J., **Doglioli, A.M.**, Jing, Z., Moreau, S., Gregori, G., Swart, S., Speich, S., Cyr, F., Légrésy, B., Chao, Y., Fu, L., Morrow, R. (2019). *Frontiers in fine scale in-situ studies: opportunities during the SWOT fast sampling phase*, Front.Mar.Sci. 6:168, doi:[10.3389/fmars.2019.00168](https://doi.org/10.3389/fmars.2019.00168).[hal-02124793](https://hal.archives-ouvertes.fr/hal-02124793)
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- Bouruet-Aubertot, P., Cuypers, Y., **Doglioli, A.M.**, Caffin, M., Yohia, C., de Verneil, A., Petrenko, A., Lefèvre, D., Le Goff, H., Rougier, G., Picheral, M., and Moutin, T. (2018). *Longitudinal contrast in Turbulence along a ~19S section in the Pacific and its consequences on biogeochemical fluxes*. Biogeosciences, 15, 7485-7504, doi:[10.5194/bg-15-7485-2018](https://doi.org/10.5194/bg-15-7485-2018).
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- Rousselet, L., De Verneil, A., **Doglioli, A.M.**, Petrenko, A.A., Duhamel, S., Maes, C., Blanke, B. (2018). *Large to submesoscale surface circulation and its implications on biogeochemical/biological horizontal distributions during the OUTPACE cruise (SouthWest Pacific)*. Biogeosciences, 15, 2411-2431, doi:[10.5194/bg-15-2411-2018](https://doi.org/10.5194/bg-15-2411-2018).
- de Verneil, A., Rousselet, L., **Doglioli, A.M.**, Petrenko, A.A., Maes, C., Bouruet-Aubertot, P., Moutin, T. (2018). *OUTPACE long duration stations: physical variability, context of biogeochemical sampling, and evaluation of sampling strategy*. Biogeosciences, 15, 2125-2147, doi:[10.5194/bg-15-2125-2018](https://doi.org/10.5194/bg-15-2125-2018).
- Marrec, P., Grégori, G., **Doglioli, A.M.**, Dugenne, M., Della Penna, A., Bhairy, N., Cariou, T., Hélias Nunige, S., Lahbib, S., Rougier, G., Wagener, T., Thyssen M. (2018). *Coupling physics and biogeochemistry thanks to high resolution observations of the phytoplankton community structure in the North-Western Mediterranean Sea*. Biogeosciences, 15, 1579-1606, doi:[10.5194/bg-15-1579-2018](https://doi.org/10.5194/bg-15-1579-2018). Popularization paper in French [HTML PDF](#)
- Raapoto, H., Martinez, E., Petrenko, A.A., **Doglioli, A.M.**, Maes, C. (2018). *Modeling the wake of the Marquesas archipelago*. J. Geophys Res. Oceans, 123, 1213–1228, doi: [10.1002/2017JC013285](https://doi.org/10.1002/2017JC013285).
- Costa, A., Petrenko, A.A., Guizien, K., **Doglioli, A.M.** (2017). *On the calculation of betweenness centrality in marine connectivity studies using transfer probabilities*. PLOS ONE, 12, 1-10. [10.1371/journal.pone.0189021](https://doi.org/10.1371/journal.pone.0189021). see preprint [PDF](#) [biorxiv](#) [source code & data](#)
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- measurements to different turbulence closure schemes in a 3-D numerical ocean circulation model. *Ocean Model.*, 120, 1-17, doi:[10.1016/j.ocemod.2017.10.002](https://doi.org/10.1016/j.ocemod.2017.10.002). [see preprint](#)
- de Verneil A., Rousselet, L., **Doglioli, A.M.**, Petrenko, A.A., Moutin, T. (2017). *The Fate of a Southwest Pacific Bloom: Gauging the impact of submesoscale vs. mesoscale circulation on biological gradients in the subtropics*. *Biogeosciences*, 14, 3471-3486, doi:[10.5194/bg-14-3471-2017](https://doi.org/10.5194/bg-14-3471-2017).
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- May '22 [Comby, C.](#), Petrenko A., Estournel, C., Marsaleix, P., Fuda, J.-L., **Doglioli, A.**, Tzortzis, R., Grégori, G., Thyssen, M., Bosse, A., and Barrillon S. (2022). *Vertical velocities in the northwestern Mediterranean Sea: combining in situ and modeling approach*, EGU General Assembly 2022, hybrid, [EGU22-3920](#). [abstract slides](#)
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- May '20 **Tzortzis R.**, **Doglioli A.M.**, Barrillon S., Petrenko A.A., d'Ovidio F., Izard L., Thyssen M., Pascual A., Cyr F., Dumas F., Grégori G., *A Lagrangian strategy for in situ sampling the physical-biological coupling at fine scale : the PROTEVSMED-SWOT 2018 cruise*. EGU2020: Sharing Geoscience Online. [Abstract](#)
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#### POPULARIZATION

- Oct.'23 Meeting with high-school students organized by the Franch Consulate in Naples (Italy). Program [[JPG](#)] and slides [[PDF](#)]
- Jan-May'23 Blog of the BioSWOT-Med Cruise [[HTML](#)], in collaboration with T.Ballerin
- May '20 Videoconference for the Parent Association of the elementary school Mazargue-Vaccaro in Marseilles "The ocean: a magic potion in turbulent mouvement" (In French). [Video Youtube](#) [Slides PDF](#)
- Apr '20 Cartoons and videos about the functioning of several oceanographic instruments [HTML](#).
- Feb '20 Popularization paper about our research results on South Pacific algal blooms published by The Guardian [HTML PDF](#)
- May-Jun '19 Popular science articles about the FUMSECK cruise: (*in French*) ODATIS webpages [#1](#), MIO webpages [#1](#), [#2](#), [#3](#), [#4](#); MIO Tweets [#1](#); [#2](#); [#3](#); [#4](#); [#5](#); [#6](#); [#7](#); [#8](#);
- Oct '18 Tweets from the teaching cruise *Introduction to the Oceanography*: [MIO twitter account \(in French\)](#).
- May-Jun '18 Popular science articles about the PROTEVSMED-SWOT cruise: (*in English*) [PRECYM webpages](#), (*in French*) [Odatis webpages](#), [MIO webpages #1](#), [MIO webpages #2](#), [The French Navy website](#), [SHOM twitter account](#)
- Mar '18 Meeting with the students in nautical sciences at the High School "Don Michele Arena" (Sciacca, Italy) about the Lagrangian buoys and the Peacetime project. See slides (in Italian) [[PDF](#)], news videos of local TVs (in Italian) [[RMK](#), [TRS](#)], articles (in Italian) in the regional daily newspaper "Giornale di Sicilia" [[PDF](#)] and in several online newspapers [[HTML PDF](#), [HTML PDF](#), [HTML PDF](#), [HTML PDF](#)] and pictures [[PDF](#)].
- Feb '18 Popular science article in French about the OSCAHR cruise results on physical-biological coupling: INSU-CNRS website [[HTML](#) or [PDF](#)], MIO newsletter [[HTML](#) or [PDF](#)].
- Dec '17 Articles about one of the [PEACETIME](#) drifters landed on the Sicily coast: - *in Italian*  
regional daily newspaper "La Sicilia" [11/12 [PDF](#), 18/12 [PDF](#), 22/12 [PDF](#)], online newspaper of the town of Trapani [16/12 [HTML](#) or [PDF](#), 18/12 [HTML](#) or [PDF](#)], online newspaper of the town of Palermo [16/12 [HTML](#) or [PDF](#), 18/12 [HTML](#) or [PDF](#)], online newspaper of the town of Agrigento [16/12 [HTML](#), [PDF](#)], online newspaper of the town of Ribera [11/12 [HTML](#) or [PDF](#), 18/12 [HTML](#) or



- [PDF](#), 23/12 [HTML](#) or [PDF](#)], online newspaper of the town of Sciacca [18/12 [HTML](#) or [PDF](#)], WWF newsletter [16/12 [PDF](#)];  
 - *in French*  
 MIO newsletter [[HTML](#) or [PDF](#)];  
 - *in English*  
 MERMEEx newsletter [[HTML](#) or [PDF](#)], Tweet by Peacetime [[HTML](#) or [PDF](#)].
- Mar '17 Member of the stand of the MIO at "La journée de la planète" in Marseille. [[PDF](#)].
- Dec '16 Meeting with high-school students at MIO (Marseille) about the history of the atmosphere and ocean numerical modelling.
- Dec '16 Popular science article in French about Coral Sea eddies [INSU-CNRS website [HTML](#)]
- Jan-Feb '15 Popular science articles in French about Mediterranean Eco-regionalization [INSU-CNRS website [HTML](#) [PDF](#); Futura Sciences Magazine [HTML](#) [PDF](#)]
- Apr '14 Educational material in French about Marine Fronts: [Lettre AMU, n.20, pp.30-31](#) and [page web MIO](#)
- Jan '09 Meeting with the high-school students from Liceo Plana (Alessandria, Italy), *Short history of ocean modelling and some examples of recent applications* [[PDF](#) in Italian].
- Mar '08 Interview with the students from Université de Provence (Marseille, France), *What is the job of an oceanographer?* [[HTML](#) in French] .
- Dec '06 Interview with the high-school students from Lyceé Périer (Marseille, France), *Can the Gulf Stream stop?* [[video MPEG](#) in French (500Mb)].
- Oct '04 « *Which is the fate of aquacultural waste?* », interview (in italian) appeared on the magazine specialized in aquaculture *Il pesce*, numero 5, anno 2004, [[HTML](#) and [PDF](#) in italian]