

Europass

Curriculum Vitae

Personal information

Surname / First name **Coppini Giovanni**
Address (es) Centro Euro-Mediterraneo sui Cambiamenti Climatici
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Telephone(s) Phone and fax: +39-0832-671050
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E-mail giovanni.coppini@cmcc.it
Nationality Italian
Date of birth April 20 1974
Gender M

Work experience

Dates	September 2012-present
Occupation or position held	Scientist
Main activities and responsibilities	Responsible of the Ocean-Lab laboratory at CMCC in Lecce. Development of operational oceanography applications and project management.
Name and address of employer	Centro Euro-Mediterraneo sui Cambiamenti Climatici, Lecce
Type of business or sector	Marine environmental monitoring and forecasting systems; maritime safety; climate change.
Dates	June 2003 – December 2012
Occupation or position held	Technologist
Main activities and responsibilities	Operational oceanography application: Oil spill emergency management, environmental and climate change indicators development. Project management.
Name and address of employer	Istituto Nazionale di Geofisica e Vulcanologia, Bologna, Italy
Type of business or sector	Marine environmental monitoring and forecasting and hazard management
Dates	June 2011-May 2012
Occupation or position held	Associate researcher
Main activities and responsibilities	Environmental and climate change indicators development
Name and address of employer	Centro Euro Mediterraneo per i Cambiamenti Climatici
Type of business or sector	Marine environmental assessment, climate change assessment operational oceanography
Dates	January 2001- June 2003
Occupation or position held	Young Scientist Grant

Main activities and responsibilities	Marine ecosystem modelling
Name and address of employer	Istituto Geologia Marina-CNR, Bologna, Italy
Type of business or sector	Oceanography, marine ecology
Dates	April 2001-August 2003
Occupation or position held	Administrator, share-holder
Main activities and responsibilities	Business development, instrument installation, project management, monitoring system design
Name and address of employer	FARVEST sme
Type of business or sector	Marine environment monitoring, technology transfer, scientific dissemination and communication, tourism
Dates	September 2001-August 2002
Occupation or position held	Grant holder
Main activities and responsibilities	Business development
Name and address of employer	SPINNER (Public association to promote and facilitate young persons business development)
Type of business or sector	Marine environment monitoring, technology transfer, scientific dissemination and communication, tourism
Dates	May 2001-December 2001
Occupation or position held	Collaborator, grant holder
Main activities and responsibilities	Tutoring activities in the Master course, Master Course management
Name and address of employer	FLAMINIA Foundation in support of University in Ravenna
Type of business or sector	Integrated Coastal Zone Management
Dates	May 2002-December 2002
Occupation or position held	Collaborator, grant holder
Main activities and responsibilities	Tutoring activities in the Master course, Master Course management
Name and address of employer	FLAMINIA Foundation in support of University in Ravenna
Type of business or sector	Integrated Coastal Zone Management
Education and training	
Dates	Jan 2006 – May 2010
Title of qualification awarded	PhD in Environmental Science: protection and management of natural resources. Title: Development of operational oceanography applications: environmental indicators and decision support systems

Principal subjects/occupational skills covered	Student															
Name and type of organisation providing education and training	Bologna University, Ravenna, Italy															
Dates	1993-2000															
Title of qualification awarded	Degree in Marine Environmental Science, 105/110															
Principal subjects/occupational skills covered	Student															
Name and type of organisation providing education and training	Bologna University, Ravenna, Italy															
Personal skills and competences																
Mother tongue(s)	Italian															
Other language(s)	English															
Self-assessment <i>European level (*)</i>	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>C1</td> <td>C1</td> <td>C1</td> <td>C1</td> </tr> </tbody> </table>	Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		C1	C1	C1	C1	C1
Understanding		Speaking		Writing												
Listening	Reading	Spoken interaction	Spoken production													
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English																
Organisational skills and competences	<p>Coppini has been the Director for project management of the EU project Mediterranean Forecasting System Toward Environmental Prediction (Mediterranean Forecasting System: Toward Environmental Prediction. MFSTEP) funded by European Commission in FPV V – Energy, Environment and Sustainable Development; Contract n° EVK3-CT-2002-00075. MFSTEP counted 48 partners from 15 nations. Moreover he has contributed to the project management of several international projects in the framework of the ADRICOSM partnership. Since 2004 is collaborating in the management of the Italian National Group of Operational Oceanography (8 institutes) and the Mediterranean Operational Oceanography network (more than 30 institutes). He has been responsible of the group that in GNOO-INGV deals with application development.</p> <p>Since September 2012 he is responsible of the “Operational Oceanography Laboratory for coastal forecasting and on climate change impacts” of the "Numerical Applications and Scenarios" Division of CMCC in Lecce.</p>															
Technical skills and competences	Coppini has skill in development of applications in the field of operational oceanography ranging from oil spill forecasting to climate and environmental indicators. This implies competency in modelling, scientific computation, and information management.															
Computer skills and competences	Coppini has been using different scientific programming languages during his carrier.															

Lecce, 30/9/14

Firma

Giovanni Coppini

Additional information**Advisory committees work**

Year	Professional experience
2005-2012	Member of Mediterranean Operational Oceanography Network Scientific Committee
2009-now	Member of the MOON-REMPEC agreement Emergency Response Office and ERO manager

International responsibilities

Year	Professional experience
2012-2015	Co-chair of the Mediterranean Oceanography Network for the Global Ocean Observing System (MONGOOS)
May 2012-2015	Member of the JCOMM Expert Team on Maritime Safety Services (ETMSS)

National/International Projects

- January 2011-Present. European Topic Centre on Inland, Coastal and Marine waters (ETC/ICM). Responsible of the uptake of GMES Marine Service products and the development of climate and environmental indicators.
- January 2012 - Present. EU-FP7 MyOcean2, Within GMES program. Responsible for the relationship with European Environment User within WP18.
- January 2012-December 2014 WP5 leader in the Italian Project TESSA (Sviluppo di TECnologie per la 'Situational Sea Awareness)
- February 2012 –September 2012: WP6 leader in the EU project MEDESS4MS
- Participation to international project management of ADRICOSM Partnership (ADRICOSM-NERES e ADRICOSM-EXT) and European projects MERSEA IP, BOSS4GMES, SEADATANET ecc.
- April 2009 - Present. EU-FP7 MyOcean, Within GMES program. Responsible for the relationship with European Environment User within WP18.
- Feb 2007- Apr 2010. Integrated Project EU-FP6 “ECOOP” (European COastal-shelf sea OPerational monitoring and forecasting system). Responsible for the development of the Decision Support System ADRI-DSS in WP9.
- Dec 2006 – May 2009. International Project EU-FP6 BOSS4GMES (Building Operational Sustainable Services, Global Monitoring for Environment and Security). Responsible for INGV of the development of Environmental indicators.
- 2004-2008. Integrated Project EU-FP6 MERSEA (Marine Environment and Security for the European Area). Participation to the INGV management tasks.
- Jun 2005 – Dec 2006. International Project UNESCO “ADRICOSM-EXT” (Adriatic Sea Integrated Coastal Areas and River Basin Management System Pilot Project - Extension). Support to project coordination and project management.
- Mar 2005 – Dec 2006. International Project funded by Italian Ministry for Environment and Foreign Affairs “ADRICOSM-NERES” (Adriatic Sea Integrated Coastal Areas and River Basin Management System NERetva River delta Environmental requalification and Sustainable development). Support to project coordination and project management.
- Mar 2003 – Aug 2006. International Project EU-FP5 “MFSTEP” (Mediterranean Forecasting System, Towards Environmental Predictions). Project Director, responsible for all project management. Contract n° EVK3-CT-2002-00075

Research Cruises:

- Sep-August 2009: Urania (CNR, National Research Council) PRIMI-2009.

Publications

Refereed Publications

Mannarini G., **Coppini G.**, Oddo P., Pinardi N.: A Prototype of Ship Routing Decision Support System for an Operational Oceanographic Service. *TransNav, the International Journal on Marine Navigation and Safety of Sea Transportation*, Vol. 7, No. 1, pp. 53-59, 2013

Pinardi N., Zavatarelli M., Adani M., **Coppini G.**, Fratianni G., Oddo P., Tonani M., Lyubartsev V., Dobricic S., Bonaduce A., 2012. Mediterranean Sea large scale low frequency ocean variability and water mass formation rates from 1987 to 2007: a retrospective analysis. *Progress in oceanography* (under review).

G. **Coppini**, V. Lyubarstev, N. Pinardi, S. Colella, R. Santoleri, and T. Christiansen. The Use of Ocean-Colour Data to Estimate Chl-a Trends in European Seas. *International Journal of Geosciences* (Submitted).

Di Franco A, **Coppini G**, Pujolar JM, De Leo GA, Gatto M, et al. (2012) Assessing Dispersal Patterns of Fish Propagules from an Effective Mediterranean Marine Protected Area. *PLoS ONE* 7(12): e52108. doi:10.1371/journal.pone.0052108

Coppini G., M. De Dominicis, G. Zodiatis, R. Lardner, N. Pinardi, R. Santoleri, S. Colella, F. Bignami, D. R. Hayes, D. Soloviev, G. Georgiou, G. Kallos. "Hindcast of Oil Spill Pollution during the Lebanon Crisis, July-August 2006". *Marine Pollution Bulletin*, Volume 62, Issue 1, January 2011, Pages 140-153

Vichi M., Oddo P., Zavatarelli M., Coluccelli A., **Coppini G.**, M.Celio, S. Fonda Umani e N.Pinardi. "Calibration and validation of a one-dimensional complex marine biogeochemical flux model in different areas of the Northern Adriatic shelf" - *Annales Geophysicae, MFSP special issue, 21* (2002)

N. Pinardi and **G. Coppini**. Operational Oceanography in the Mediterranean Sea: the second stage of development". *Ocean Sci.*, 6, 263–267. (2010)

N. Pinardi, **G. Coppini**, A. Grezio and P. Oddo. "Ocean Climate variability in the Mediterranean Sea: climate events and marine forecasting activities", *Flooding and Environmental Challenges for Venice and its Lagoon: State of Knowledge*. Cambridge University Press (2005)

G.M.R.Manzella, F.Reseghetti, **G.Coppini**, M.Borghini, A.Crusado, C.Galli, I.Gertman, T. Gervais, D.Hayes, C.Millot, E.Özsoy, C.Tziavos, Z.Velasquez, G.Zodiatis. "The improvements of the Ships Of Opportunity Program in MFSTEP". *Ocean Science*, 3, 1717-1746, (2006)

Contribution to EEA Reports

Contributing author to the "5.4 Marine biodiversity and ecosystems" chapter in Impacts of Europe's changing climate— 2008 indicator-based assessment. EEA Report No 4/2008 http://reports.eea.europa.eu/eea_report_2008_4/en

Contributing author to 'The European environment – state and outlook 2010' Thematic assessments:

- [Marine and coastal environment](http://www.eea.europa.eu/soer/europe/marine-and-coastal-environment) (<http://www.eea.europa.eu/soer/europe/marine-and-coastal-environment>)
- [Understanding climate change](http://www.eea.europa.eu/soer/europe/understanding-climate-change) (<http://www.eea.europa.eu/soer/europe/understanding-climate-change>)

Contributing author to 'Climate change, impacts and vulnerability in Europe 2012':

<http://www.eea.europa.eu/publications/climate-impacts-and-vulnerability-2012>