

## Dichiarazione del Dott. Marco Massabò

### ai fini del D.lgs n. 33/2013 Titolare di incarico di dirigenza

Dichiaro che:

1. Il Consiglio di Amministrazione di Fondazione CIMA ha confermato l'incarico di dirigere la Branch di CIMA in Albania con delibera del 19.12.2017, confermando altresì le deleghe e le responsabilità contenute nella procura speciale notarile del 24.05.2011 rinnovata in data 01.03.2017.
2. Nella medesima seduta, il Consiglio di Amministrazione di Fondazione CIMA ha deliberato una indennità di euro 12.000,00 lordi per l'anno 2018, per le attività svolte nel Consiglio di Programmazione di Fondazione CIMA, e per le attività inerenti la direzione della Branch.
3. L'incarico sopra ricordato prevede una durata a tempo determinato con scadenza 31.12.2018.
4. Il mio curriculum sintetico è disponibile nel sito di Fondazione CIMA <http://www.cimafoundation.org/cima-foundation/marco-massabo/> e qui si riporta: Dottorato di ricerca (2005) in Fluidodinamica e Processi dell'Ingegneria Ambientale presso l'Università degli Studi di Genova. Visiting scientist presso l'University of Illinois nel 2004 e 2006. Professore a contratto presso l'Università degli studi di Genova Lecturer at University of Genova dal 2006 e responsabile di progetto per Fondazione CIMA dal 2009. Attività di ricerca a livello nazionale ed internazionale in modellistica ambientale della dinamica, sistemi di allertamento, sviluppo di sistemi per la stima e raccolta dati su impatti da disastri. Responsabile di progetto a livello internazionale, principalmente nella Regione dei Balcani ed Est Europa, in attività di cooperazione di Protezione Civile per la prevenzione, previsione e riduzione del rischio da incendi boschivi e alluvioni. Responsabile per Fondazione CIMA, di progetti internazionali nel Sud-Est Europeo su Disaster Risk Management e Sistemi di Allertamento.
5. Non ricopro altri incarichi che prevedano compensi da parte di Fondazione CIMA.
6. Non ho riportato condanne penali, né -per quanto a mia conoscenza – ho carichi giudiziari pendenti.

Savona, 02.01.2018

Dott. Marco Massabò



## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Marco Massabò**  
**Address(es)** P.zza Antonio Aprosio 3, 16154, Genova, Italy  
**Telephone(s)** Mobile: +39 348 7747 016  
**Fax(es)** +39 019 230 27240  
**E-mail** [marco.massabo@cimafoundation.org](mailto:marco.massabo@cimafoundation.org)  
**Nationality** Italian  
**Date of birth** 21 – October – 1976  
**Gender** Male

### Work experience

<p><b>Dates</b></p> <p><b>Occupation or position held</b></p> <p><b>Main activities and responsibilities</b></p>	<p>From 01 – January – 2009</p> <p>Project Leader at CIMA Research Foundation Branch Director of CIMA Research Foundation - Branch of Albania</p> <p>Principal investigator of national and international applied research projects.</p> <p>Research experience at both national and international level. Expert in modelling fate and transport of pollutants in the natural environment, assessment of environmental implication of natural disasters. Experience in design and implementation of Early Warning and Monitoring Systems for floods and wildfire risk at international level. Member of the Italian National platform for Disaster Risk Reduction. Principal investigator of several national and international projects.</p> <p>Responsible of the Branch office of CIMA in the Balkans- CIMA-Branch of Albania.</p> <p>Educational activity at graduate level for the master of Environmental Engineering-Management of Natural and Industrial Risks. Teaching activity: Industrial Risk. Student supervisor at bachelor, graduated and Ph.D. level.</p>
<p><b>Name and address of employer</b></p> <p><b>Type of business or sector</b></p>	<p>Contract Professor at the University of Genova</p> <p>CIMA Research Foundation Via A. Magliotto 2 17100, Savona – Italy</p> <p>Research</p>
<p><b>Dates</b></p> <p><b>Occupation or position held</b></p> <p><b>Main activities and responsibilities</b></p>	<p>From May 2013 – May 2014</p> <p>International Consultant</p> <p>Development and Implementation of a Knowledge Management System for Disaster Risk Reduction and Climate Change Adaptation in the Western Balkans and Turkey</p>

Name and address of employer UNISDR- United Nation Office for Disaster Risk Reduction- Geneva  
 Type of business or sector Consultant

Dates From 2012  
 Occupation or position held Contract Professor "Industrial risk Management"  
 Main activities and responsibilities Teaching  
 Name and address of employer University of Genoa, Faculty of Engineering, Genoa, Italy  
 Name and address of employer University of Genoa, Faculty of Engineering, Genoa, Italy

Dates From 2006  
 Occupation or position held Lecturer of "Transport of pollutants in porous media"  
 Main activities and responsibilities Teaching  
 Name and address of employer University of Genoa, Faculty of Engineering, Genoa, Italy

Dates From 2005-2009  
 Occupation or position held Teaching assistant "Transport Phenomena"  
 Main activities and responsibilities Teaching  
 Name and address of employer University of Genoa, Faculty of Engineering, Genoa, Italy

**Education and training**

Dates February 2005  
 Title of qualification awarded Ph.D. degree in "Fluodynamics and Environmental Engineering Processes"  
 Principal subjects/occupational skills covered Title of the thesis: "Transport of reactive solute in bimodal formations".  
 Name and type of organisation providing education and training University of Genoa, Faculty of Engineering, Genoa, Italy

Dates April 2001  
 Title of qualification awarded Master degree in Environmental Engineering  
 Principal subjects/occupational skills covered Title of the thesis "Investigation of Naphthalene Sulphonate Compounds Sorption in Soils Artificially Contaminated".  
 Name and type of organisation providing education and training University of Genoa, Faculty of Engineering, Genoa, Italy

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment  
*European level (\*)*

**English Language**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

## Additional information

2013-2014: key lecturer of several workshops and training programme at international level:

- WMO workshop on Integrated Flood Management, Flood Forecasting and Early Warnings - 8-12 April 2013
- WMO workshop On Flood Loss Assessment in the Framework of Integrated Flood Management 12-14 May 2014
- Disaster Management Training Programme (DMTP)- Protection And rescue Service of Republic of Macedonia: Information systems and the data flow in disaster management in SEE and host country legal considerations - 2-13 March 2014

2014 -2015- Principal Investigator for CIMA of the Fp7 project – IASON: Fostering Sustainability and uptake of research results through networking activities in black sea and mediterranean areas

2014-Principal investigator of the applied research project: developing an experimental low cost, real-time air quality monitoring system for LaSpezia Port authority

2012-2014 –Principal investigator ADRIARADNET - ADRIatic integrated RADar-based and web-oriented information processing system NETwork to support hydro-meteorological monitoring and civil protection decision

2013-2014: Project Leader for the contract Disaster Loss Database in Albania and Serbia - UNISDR

2011-2012 key expert for the EC DG-ECHO project- Strengthening the EU disaster management capacity - Good Practices on Disaster Prevention

2010-2012 principal Investigator of "Program for Prediction, Prevention and Mitigation of Forest Fire and Flood risk in Albania"

2012; Principal investigator: Development of a methodology for the assessment of environmental implications of livestock in the Umbria Region.

2011-2012: Principal investigator of the applied research project: Developing of a Methodology for the assessment of CO2 emissions in the life cycle of paper products

2011- key expert for the project "Strengthening the Eastern Region's Institutional and Legislative Frameworks" – EU PPRD East Programme

2010-2011- applied research activity: Environmental implications of floods: a fugacity based modelling approach - CIMA Foundation and National Civil Protection Department contract

From 2010- delegate of CIMA in the Boards of Directors of the no-profit consortium TICASS: Innovative Technologies for Environmental Control and Sustainable Development

2010-2011: Principal Investigator: Development of a methodology for estimating the environmental impacts of paper products- Paredes

From 2010: research activity in the Italian Ministry of University and Research project (PRIN 2005083418): Analysis of reactivity of nanoscale zero-valent iron for in-situ remediation of chlorinated compounds

2009- Course coordinator of the training program for civil protection managers – Contract between CIMA Foundation and National Civil Protection of Venezuela.

From 2008- applied research activity: Air dispersion models for emergency management of chemical releases - CIMA Foundation and National Civil Protection Department contract

From 2007-2009: research activity in the EU project – BICEPS: gas cleaning of sewage and landfill biogas

2007 – applied research activity in the CIMA - CETMA contract: Groundwater Quality Model for the Pancevo (Serbia) NIS Oil Refinery

From 2006- Reviewer for international journal of Water Resources Research and Hydrological Processes, Advances in Water Resources, Ground Journal of Hydrology, Journal of Hazardous Material, Geophysical Research Letters, Experiments in Fluids, Journal of Contaminant Hydrology

From 2005-2007 – research activity in the Italian Ministry of University and Research project (PRIN 2005083418): Laboratory analysis with 2D experimental apparatus of DNAPLs transport and dispersion in heterogeneous systems

Since 2004: scientific collaboration with Prof. Albert J. Valocchi (University of Illinois at Urbana Champaign-US)

Since 2007: scientific collaboration with Paulo Herrera and Prof. Roger Beckie (University of British Columbia-Canada)

## Publications

E. Toto, M. Massabò: Historical Collection of Disaster Loss data in Albania

M. Massabò, R. Cianci, and O. Paladino, An Analytical Solution of the Advection Dispersion Equation in a Bounded Domain and Its Application to Laboratory Experiments, 2011, Journal of Applied Mathematics. Volume 2011 (2011), Article ID 493014, 14 pages

Fedi, A., R. Cianci, and M. Massabò, A new analytical solution for the 2D advection–dispersion equation in semi-infinite and laterally bounded domain, 2010, Applied Mathematical Sciences, Vol. 4, 2010, no. 75, 3733 - 3747

Massabò, M., F. Catania and O. Paladino, Reply to comment by H. Yeh and S. Yang on " A New Method for Laboratory Estimation of the Transverse Dispersion Coefficient", 2009, Ground Water, doi: 10.1111/j.1745-6584.2009.00618.x

Herrera, P., M. Massabò and R. Beckie, A Meshless Method to simulate Solute Transport in Heterogeneous Porous Media, 2009, Advances in Water Resources, 32, Pages 413-423

Massabò, M., A. Bellin, and A. J. Valocchi, Reply to comment by N. Suciú and P. Knabner on "Spatial moments analysis of kinetically sorbing solutes in aquifer with bimodal permeability distribution", 2009, Water Resources Research, 45, doi:10.1029/2009WR007815.

Catania, F., M. Massabò, M. Valle, G. Bracco, and O. Paladino, Assessment of Quantitative Imaging of Contaminant Distributions in Porous Media, 2008, Experiments in Fluids, 44, Pages 167-177.

Massabò, M., A. Bellin, and J. Valocchi, Spatial Moments Analysis of Kinetically Sorbing Solutes in Aquifers with Bimodal Permeability, 2008, Water Resources Research, 44, W09424, DOI:10.1029/2007WR006539

Massabò, M., F. Catania, D.D. Piazza and O. Paladino, Groundwater risk assessment of PCE at contaminated sites, 2008, Fresenius Environmental Bulletin, 17 (9b)

Massabò, M., F. Catania, and O. Paladino, A New Method for Transverse Dispersion Coefficient Estimation, 2007, Ground Water, 45(3): 339-347.

Massabò M., C. Nicoletta, and M. Zilli, Integrated air Stripping and Biofiltration for Remedation of Soils Contaminated by Organic Compounds, 2007, Journal of Chemical Technology and Biotechnology, 2007, 82: 539-547.

Paladino, O., M. Massabò, F. Catania and G. Bracco, Spatial moments analysis: an application to quantitative imaging of contaminant distributions in porous media, 2007, Chemical Engineering Transactions, Volume 12, ISBN 88-901915-4-6

M. Massabò, R. Cianci, O. Paladino, 2006, "Some analytical solutions for two-dimensional convection-dispersion equation in cylindrical geometry", Environmental Modelling & Software, 21:681-688.

F. Catania, M. Massabò, and O. Paladino, 2006, "Estimation of transport and kinetic parameters using analytical solutions of the 2D advection-dispersion-reaction model", Environmetrics, 17(2):199-216.

F. Catania, M. Massabò, G. Bracco and O. Paladino, 2006, "Metodi ottici per lo studio della dispersione di inquinanti in mezzi porosi: costruzione e messa a punto di un modello sperimentale bidimensionale", Ingegneria Ambientale, 32(10-11):501-512

