

Dichiarazione ai fini del D.lgs. 33/2013 art. 15

Titolare di incarico specifico di ricerca ex art. 19 lettera F del D.lgs 163/2006

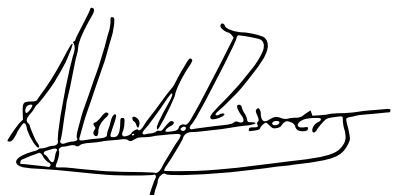
Io sottoscritto in proprio ALESSANDRO MASOERO

Dichiaro che:

1. Sono stato incaricato da Fondazione CIMA in data 30 gennaio 2015. L'incarico occasionale prevede una durata dal 30 gennaio 2015 al 30 marzo 2015 per un importo di euro 3.200,00 lordi.
2. Sono stato incaricato come co.co.pro da Fondazione CIMA in data 9 aprile 2015. L'incarico prevede una durata dal 9 aprile 2015 al 31 dicembre 2015
3. Il mio curriculum è sinteticamente riportato in calce al documento
4. Il compenso per l'incarico anno 2015 è previsto in euro 22.500,00 più oneri di legge se dovuti
5. Non ricopro incarichi o cariche in altri Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione. Non svolgo attività professionale. I compensi di Fondazione CIMA non prevedono componenti variabili
6. Non ho riportato condanne penali, né -per quanto a mia conoscenza - ho carichi giudiziari pendenti
7. Autorizzo il trattamento dei miei dati personali ai sensi del d.lgs. 196 del 30.06.2003

Data, 1 agosto 2015

Firma

A handwritten signature in black ink, appearing to read 'Alessandro Masoero', written in a cursive style.

ALESSANDRO MASOERO

CIVIL - ENVIRONMENTAL ENGINEER

PERSONAL INFORMATION

birthplace Pinerolo, 18 May 1985
nationality Italian
email sander.masoero@gmail.it
website www.idrologia.polito.it/~masoero/
phone (M) +39 328 8389983 · (H) +39 011 9058374

FIELDS OF SPECIALIZATION

- hydrological modeling & hydraulic design;
- water resources assessment & water use planning;
- flood risk assessment and management;
- assessment of hydropower exploitation possibilities in alpine regions.

WORKING SKILLS

- R & GRASS-GIS integrated analysis;
- ability to manage collection and analysis of big database;
- statistical analysis of hydro-meteorological variables using Matlab and R;
- ability to work with satellite earth-data.

WORK EXPERIENCE

<i>CIMA Foundation</i>	<i>Jan 2014 - ongoing</i>	Project Officer CIMA Foundation — Savona, Italy Establishment of a flood forecast and early warning system in two middle-size catchment in Bolivia. Implementation of an hydrological forecast chain for managing hydro-meteorological hazard warnings for Civil Defense purposes. Reference: Lauro Rossi · lauro.rossi@cimafoundation.org
<i>Politecnico di Torino</i>	<i>Apr 2014 - Dec 2014</i>	Research Fellow POLITECNICO di Torino — Torino, Italy Consultancy for the Italian Ministry of Infrastructures and Transports on the project "Study of the hydrological and hydraulic safety of dams along the western and central Alpine region". Quantitative flood risk assessment and in depth reports for 40 reservoirs in North-West Italy. Reference: Pierluigi CLAPS · pierluigi.claps@polito.it
<i>Private Investor</i>	<i>Aug 2014 - Dec 2014</i>	Hydropower Consultant PRIVATE Investor — Villar Pellice, Torino, Italy Design and planning of a small run-of-river hydropower plant (800 kW) located in an alpine catchment in Italy. Reference: Alberto TOMIO · residenzatomio@gmail.com
<i>International Centre for Environmental Management</i>	<i>Oct 2014 - Nov 2014</i>	Junior Hydrologist Consultant ICEM — Vietnam & Lao PDR Climate change impact assessment on the Nam Ngiep 1 hydropower project (290 MW) in Lao PDR. Attention of the consultancy work was focused on reservoir safety and operation under different extreme flood scenarios, driven by changes in precipitation, temperature and sedimentation. Reference: Tarek KETELSEN · tarek.ketelsen@icem.com.au

Calabria University *Lug 2014 - Set 2014* Assistant Lecturer
CALABRIA University — Cosenza, Italy
Has been Tutor of the FREE GIS course developed in the Master ESPRI (Experts in Forecast and Prevention of Hydrogeological Risk) High Formation Program.
Riferimento: Pasquale VERSACE · versace@dds.unical.it

CiNiD *2013 - 2014* Assistant Lecturer
CiNiD — Salerno & Torino
Has been Tutor of the Workshop “Preliminary Assessment of Flood Risk in a small town” (Vietri sul Mare, January 2014 & Sapri, January 2013) and of Hec-HMS and Free-GIS Courses (Torino, summer 2013 & autumn 2014).
Reference: Enrico GALLO · corsi@cinid.it

ENEL S.p.A. *Apr 2013 - Jul 2013* Internship, ENEL S.p.A. — Venezia
Worked on the reconstruction, through hydrological regional analysis, of Flow Duration Curves at ungauged sites, focusing on the changes caused by reservoirs and hydropower plants.
Reference: Giorgio GALEATI · giorgio.galeati@enel.com

EDUCATION

Ph.D. in Hydrology *2011 - 2014* Politecnico di Torino, Torino
High Formation Program in “Energies for a Sustainable Development”
School: Engineering for Natural and Built Environment
Thesis: *Water Resources and Flood Hazard Assessment with Consideration of Anthropic Effects*
Description: Reconstruction of the impact on Flow Duration Curves and Flood Frequency Curves caused by the presence of human structures such as reservoirs and hydropower plants.
Advisors: Prof. Pierluigi CLAPS & Prof. Francesco LAIO

Master's Degree in Environmental Engineering *2008 - 2010* Politecnico di Torino, Torino
Grade 110/110 cum laude · *Land Protection Specialization*
Thesis: *Reconstruction of the Hydraulic Conditions of the 1951 Po River Inundation*
Description: 1D and 2D hydraulic modeling of the 1951 flooding, a major natural catastrophe that caused devastating social consequences.
Advisors: Prof. Pierluigi CLAPS (Politecnico di Torino) & Prof. Giuliano DI BALSASSARRE (UNESCO-IHE)
Award: OPTIME 2011, Best Graduates of Piemonte Region

Thesis Abroad *2010* UNESCO - IHE & Deltares, Delft
Country: The Netherlands · Duration: 5 months
Advisors: Prof. Giuliano DI BALSASSARRE (UNESCO-IHE) & Nathalie ASSELMAN (Deltares)

Exchange Program *2009 - 2010* Universidad Politécnica de Madrid, Madrid
Country: Spain · Duration: 10 months

Bachelor's Degree in Environmental Engineering *2004 - 2008* Politecnico di Torino, Torino
Grade 110/110 cum laude · *Land Protection Specialization*
Thesis: *Geological and Technical Survey of the Sestriere Landslide*
Description: Analysis of a deep-seated landslide above an alpine village.
Advisor: Prof. Giannantonio BOTTINO

JOURNAL PAPERS

- April 2013* Reconstruction and Analysis of the Po River Inundation of 1951
- Hydrological Processes* Analysis of historical flood events is needed for a reliable assessment of the potential flood hazard. This paper aims at reconstructing the 1951 inundation of the Polesine Region, considered the worst flood in Italy occurred in the XXth century.
Authors: Alessandro MASOERO, Pierluigi CLAPS, Nathalie ASSELMAN, Erik MOSSELMAN & Giuliano DI BALDASSARRE
DOI: 10.1002/hyp.9558

CONFERENCE PROCEEDINGS

- September 2014* Along-the-Net Reconstruction of Hydropower Potential with Consideration of Anthropic Alterations
- IAHS, Bologna 2014* Hydrological consistent point-by-point reconstruction of gross and residual hydropower potential, useful for planning and regulation purposes.
Authors: Alessandro MASOERO, Pierluigi CLAPS, Daniele GANORA, Enrico GALLO & Francesco LAIO
IAHS Publication 364 — DOI:10.5194/piahs-364-339-2014
- April 2014* Effects of Reservoirs on Downstream Flood Frequency Curves
- IAHR, Porto 2014* Assessment of the actual flood hazard downstream of reservoirs, considering natural and supervised attenuation effects.
Authors: Alessandro MASOERO, Daniele GANORA, Pierluigi CLAPS & Alberto PETACCIA

OTHER PUBLICATIONS

- July 2013* Hydrological Analysis and Hydropower Potential Assessment in North-West Italy
- Renerfor Project* Geo-statistical analysis, at the regional scale, to define the residual hydropower potential in North-West Italy.
Authors: Daniele GANORA, Enrico GALLO, Francesco LAIO, Alessandro MASOERO & Pierluigi CLAPS
ISBN: 978-88-96046-07-4
- July 2013* Atlas of Piemonte Region Drainage Basins
- Renerfor Project* Complete atlas of the 197 drainage basins located in North-West Italy. For each basin more than 120 climatic, geological and morphometric parameters are reported.
Authors: Enrico GALLO, Daniele GANORA, Francesco LAIO, Alessandro MASOERO & Pierluigi CLAPS
ISBN: 978-88-96046-06-7

COMPUTER SKILLS

- Office Suite* Advanced · Excel, PowerPoint, Word
- CAD* Advanced · Autocad
- Hydraulic Mod.* Advanced · Hec-HMS, Hec-RAS, Sobek
- Numerical Comp.* Advanced · Mathematica, Matlab, R
- GIS* Expert · ArcGIS, GRASS, GvSIG, QGIS
- Multimedia* Intermediate · Adobe Illustrator, inDesign, Photoshop, Premiere
- Ability to work in Linux-Unix environments, good knowledge of *Bash* shell and *Python*

OTHER INFORMATION

<i>Languages</i>	ITALIAN · Mother tongue
	ENGLISH · Advanced · FCE Grade B, Cambridge University
	SPANISH · Advanced · DELE Nivel B2, Istituto Cervantes
	FRENCH · Intermediate · DELF Niveau B1, Alliance Française
<i>Communication Skills</i>	from 2008 · More than 15 Oral & Poster Presentations at National and International Conferences (Portugal, Japan, Netherlands, Austria, Slovakia)
<i>Organisational Skills</i>	from 2011 · Member of the Governing Council of the Amateur Sports Club "A. Franzin Val Noce" of Cantalupa (Torino, IT)
	May 2003 · "Team Leader" course organized by <i>Provincia di Torino</i> for XX Olympic Winter Games Volunteers
<i>Social Skills</i>	· Very good social adaptability to work in multicultural environments · Good attitude to work in team · Good communication at all levels
<i>Short Courses</i>	Oct. 2013 · Competitive research grants: from idea to proposal · <i>Compagnia di San Paolo</i> , Torino (IT)
	May 2013 · Smart Energy Solution in Urban Environment · <i>EU Project CLAIRE</i> , Torino - Chambéry (IT & FR)
	Jul. 2011 · Assessment of Risk and Uncertainty in Environ. Sciences · <i>University of Bristol</i> , Bristol (UK)
	Jun. 2011 · Monitoring and Modeling Surface Hydrological Processes · <i>Università degli Studi della Basilicata</i> , Potenza (IT)
	Sept. 2010 · New Data Sources to Support Flood Modeling · <i>UNESCO-IHE</i> , Delft (NL)
<i>Qualification</i>	Feb. 2012 · Practice of Civil-Environmental Engineering profession in Italy
<i>Interests</i>	Traveling · Basketball · Cooking · Mountain · Reading

In compliance with the Italian legislative Decree n. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

August 1, 2015