



Europass Curriculum Vitae

Personal information

First name / Surname **Sandro Moretti**

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Nationality

Date of birth

Gender

Occupational field **Geology**

Work experience

Dates **2016-2019**

Occupation or position held President of the Bachelor Course in Geological Sciences and Master Course in Technical Geology Sciences.

Main activities and responsibilities Responsible for all the didactical activities.

Name and type of financing organization University of Florence

Dates **2016-2018**

Occupation or position held Maritime – Interreg EU Project

Main activities and responsibilities Coordinator of the Unit for UAV data acquisition fluvial geomorphology and characterization. Data Change analysis.

Name and type of financing organization EU

Dates **2015-2016**

Occupation or position held Civil Protection Monitoring System, Unit coordinator

Main activities and responsibilities Responsible for monitoring the data acquisition and analysis of geohazards.

Name and type of financing organization ECHO - EU

Dates **2002-2015**

Occupation or position held Costa Concordia Monitoring System, Unit coordinator

Main activities and responsibilities Responsible for the data acquisition and analysis

Name and type of financing organization Italian Civil Protection Agency

Dates **2012-2015**

Occupation or position held Landslide Modelling and tools for vulnerability assessment Preparedness and REcovery management (LAMPRE), Unit coordinator

Main activities and responsibilities	Responsible for the remote sensing and field data acquisition and analysis of soils to identify land degradation indicators
Name and type of financing organization	EU FP7
Dates	2008 - 2011
Occupation or position held	EU FP7 "DIGISOIL" project, Research Unit Coordinator
Main activities and responsibilities	Responsible for National Unit, hyperspectral remote sensing data acquisition, field survey and field data acquisition for ground truth measurements. Data filtering and data retrieval for modelling.
Name and type of financing organization	EU
Dates	2008 - 2010
Occupation or position held	Integrated Research Project SKY-EYE, Project Coordinator
Main activities and responsibilities	Project Coordinator. Coordinating activities on data acquisition and analysis of electrooptical sensors addressed to survey dangerous elements in soils and environment.
Name and type of financing organizations	Regional (Tuscany) administration and EU
Dates	2007-2013
Occupation or position held	AIRSAFE, project coordinator
Main activities and responsibilities	Responsible for managing and evaluating the natural risks
Name and type of financing organization	EU-Regione Toscana
Dates	2007 - 2009
Occupation or position held	National research project (MIUR), Research Unit coordinator
Main activities and responsibilities	Operative Unit Research responsible, data acquisition and analysis for developing a model to analyse the triggering processes and factors in volcanic slopes (Stromboli, Sciara del Fuoco).
Name and type of financing organizations	Ministero dell'Istruzione, Università e Ricerca Scientifica (MIUR).
Dates	2007 - 2008
Occupation or position held	Research Project Coordinator
Main activities and responsibilities	Coordinator of data acquisition and analysis for the Gas and liquid production of Waste area of Case Passrini (Firenze) by using remote sensing techniques.
	Local Authority (Firenze Province)
Dates	2007 - 2012
Occupation or position held	Research Project (SAR.NET-SAR.MOBILE.AIRBORNE.PLATFORM) Unit coordinator
Main activities and responsibilities	Research Unit Coordinator. Coordinating activities on data acquisition and analysis from an airborne platform with multi-spectral sensors.
Name and type of financing organizations	National Civil Protection Agency
Dates	2007 - 2010
Occupation or position held	Research Project CARG, unit coordinator
Main activities and responsibilities	Coordinating GIS activities for Geology and landslide map informatization
Name and type of financing organizations	Local administration (Tuscany region)
Dates	2006 - 2007
Occupation or position held	Research Project ARMEA, coordinator

Main activities and responsibilities	Coordinating activities for an Hydrogeology plan in Armea watershed (IMPERA)
Name and type of financing organizations	Local administration (Imperia Province)
Dates	2005 - 2006
Occupation or position held	Research Project VEL, coordinator
Main activities and responsibilities	Coordinating field and GIS activities for Geomorphology map and seismic local responses.
Name and type of financing organizations	Local administration (Tuscany region)
Dates	2005 - 2007
Occupation or position held	Research Project (PRIN) coordinator
Main activities and responsibilities	Integrate use of monitoring systems (field and remote sensing) for slow moving landslides.
Name and type of financing organizations	MIUR (Ministero dell'Istruzione, Università e Ricerca Scientifica).
Dates	2004 - 2006
Occupation or position held	Research Project SLAM, Project coordinator
Main activities and responsibilities	Coordinating field and remote sensing activities for GIS activities in "Service for Landslides Monitoring
Name and type of financing organizations	ESA
Date	2003 - 2004
Occupation or position held	Research Project (Florence University), project coordinator
Main activities and responsibilities	"Applied Geology and Geomorphology in the Apennine system".
Name and type of financing organizations	University of Florence.
Date	2001 - 2003
Occupation or position held	Project Coordinator
Main activities and responsibilities	Hydrogeological processes control in urban areas with cultural heritage relevance Coordination of activities
Name and type of financing organizations	<i>Ministero dell'Istruzione, Università e Ricerca Scientifica. PRIN</i>
Date	2000 - 2002
Occupation or position held	Unit Coordinator
Main activities and responsibilities	Analysis of the rupture mechanisms in reactivated landslides
Name and type of financing organizations	<i>Ministero dell'Istruzione, Università e Ricerca Scientifica. PRIN</i>
Date	1999 - 2001
Occupation or position held	Project Coordinator
Main activities and responsibilities	Structural complex geological unit characterization towards degradational slope processes.
Name and type of financing organizations	<i>Ministero dell'Istruzione, Università e Ricerca Scientifica. PRIN</i>
Date	1998 - 1999
Occupation or position held	Project Coordinator
Main activities and responsibilities	<i>Geotechnical parametrization of landslides on environmental and geomorphological dynamic</i>
Name and type of financing organizations	<i>Università degli Studi di Firenze.</i>

Date	1998 - 1999
Occupation or position held	Participant
Main activities and responsibilities	Coordinating activities for field analysis.
Name and type of financing organizations	UNESCO. "International Geological Correlation Program IGCP-425"
Occupation or position held	1998 - 2000
Main activities and responsibilities	Participant
Name and type of financing organizations	Field data collection for erosion and GIS database
Occupation or position held	EU. "ARSGISIP"
Date	1998 - 2000
Occupation or position held	Participant
Main activities and responsibilities	GIS data collection and integration of hydrographic data.
Name and type of financing organizations	EU. IWRMS
Date	1996 - 1998
Occupation or position held	Unit Coordinator
Main activities and responsibilities	Educational programme for Geoenvironmental risk assesement .
Name and type of financing organizations	UE. SOCRATES-COMENIUS
Date	1996 - 1998
Occupation or position held	Unit Coordinator
Main activities and responsibilities	"Data collection for hydrological risk analysis in areas with cultural goods"
Name and type of financing organizations	CNR – Cultural heritage
Date	1993-1996
Occupation or position held	Unit Coordinator
Main activities and responsibilities	Data Analysis for forecasting an prevention of landslide events "
Name and type of financing organizations	CNR – GNDCI Unit 1.42
Date	1995 - 1997
Occupation or position held	Associated Researcher
Main activities and responsibilities	"Data collection for hudrological risk evaluatoion by hydological modelling and radar sensors".
Name and type of financing organizations	CNR. IROE
Date	1995 - 1997
Occupation or position held	Associated Researcher
Main activities and responsibilities	"Participant as data collector to the "Minor Centres project: natural constrains and urban development".
Name and type of financing organizations	CNR. IROE
Date	1995 - 1996

Occupation or position held	Partecipant									
Main activities and responsibilities	"Data Analysis for modelling the triggering of landslides: applying GIS".									
Name and type of financing organizations	Ministero Universtità MURST (ex60%)									
Date	1994 - 1995									
Occupation or position held	Partecipant									
Main activities and responsibilities	"Data collection for soil conservation project"									
Name and type of financing organizations	Ministero Universtità (MURST ex40%)									
Date	1993-1990									
Occupation or position held	Partecipant									
Main activities and responsibilities	Co-investigator for modelling hydrogeological processes by radar sensors.									
Name and type of financing organizations	Agenzia Spaziale Italiana (ASI) NASA-ASI-DARA, SAR-X/SIR-C									
Date	1993-1990									
Occupation or position held	Partecipant									
Main activities and responsibilities	Data Collection and analysis.									
Name and type of financing organizations	CNR-GNDCI. Unit 2.14									
Date	1987-1991									
Occupation or position held	Partecipant									
Main activities and responsibilities	"Field survey and data analysis for soil erosion on clay deposits".									
Name and type of financing organizations	ENEA									
Date	1982-1987									
Occupation or position held	Partecipant									
Main activities and responsibilities	Agricultural resources project (IPRA) Unit Earth sciences Department.									
Name and type of financing organizations	CNR									
Date	1981-1982									
Occupation or position held	Partecipant									
Main activities and responsibilities	Soil Conservation project, Unit n°18.									
Name and type of financing organizations	CNR									
Mother tongue(s)	Italian									
Other language(s)	1) English, 2) Portugues									
Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
Language	1	good	1	good	1	fluently	1	fluently	1	good
Language	2	good	2	good	2	fluently	2	fluently	2	fair
	(*) Common European Framework of Reference for Languages									