

Contatta

www.linkedin.com/in/mastronunzio
(LinkedIn)
scholar.google.it/citations (Other)

Competenze principali

Geographic Information Science
Geographic Information Systems
(GIS)
Cartography

Languages

German (Limited Working)
Italian (Native or Bilingual)
Spanish (Limited Working)
English (Full Professional)

Honors-Awards

Visiting for researchers and
professors
Visiting for researchers and
professors
Annual award
Master dei Talenti della Società
Civile

Publications

Google Scholar

Marco Mastronunzio

Senior GIS Consultant | European Commission Joint Research
Centre (JRC)
Novara

Riepilogo

PhD in GIS at Trieste University | Strong experience in research,
scientific consultancy, technical advising and education in the
Geospatial domain | Strong interdisciplinary & research project
management expertise | European experiences & networking

Esperienza

European Commission

Senior GIS Consultant | European Commission Joint Research Centre
(JRC)

maggio 2017 - Present (4 anni 5 mesi)

Ispra, Varese, Italy

Directorate Space Security Migration | Disaster Risk Management Unit |
Mapping Team.

Duties: Daily Maps/Daily Reports for European Response Coordination Centre
(ERCC) of European Civil Protection and Humanitarian Aid Operations (DG
ECHO), Crisis Mapping, Natural Disaster Mapping (Preparedness, Response),
cartographic support to DG ECHO, Emergency Reporting, Rapid Mapping,
Humanitarian Mapping.

Topics: Tropical Cyclones, Earthquake/Tsunami and Volcanoes, Floods and
severe weather Cold-/Heat-wave, Forest fires, Landslides, Drought, Migrant
and Refugee Crises, Humanitarian Crises (population displacement, epidemic,
food insecurity).

Università degli Studi di Trento

7 anni

Senior Research Fellow | Research Projects Coordinator

febbraio 2016 - gennaio 2017 (1 anno)

Trentino-Alto Adige, Italia

Applied geographical research of Adige/Etsch River change detection (XVIII-
XX cent.). Historical cartography, Historical GIS and web mapping | funding
Province of Bolzano/Südtirol

@Department of Humanities

Senior Research Fellow | Research Projects Coordinator

2012 - 2016 (4 anni)

Trentino-Alto Adige, Italia

Applied geographical research on Trentino boundaries. From analysis of mapping and history of cartography to a GIS development (Historical GIS and web mapping) | funding Region Trentino-Südtirol, Cadastre Service Province of Trento | partnership Austrian Federal Cadastre (BEV), Tiroler Landesmuseum Ferdinandeum (Innsbruck) | @Department of Humanities

Temporary Lecturer | Political and Economic Geography

2010 - 2016 (6 anni)

Trento, Italia

Bachelor in International Studies | @Department of Sociology | ca. 200 undergraduate students | Main topics: critical cartography, critical geopolitics, border studies | Main Tasks: lecturing, coordinating, setting-up curriculum, thesis supervising, internship/traineeship/Erasmus+ tutoring, workshops/ seminars/international seminars organising (and fundraising)

Teaching Fellow

2010 - 2013 (3 anni)

"Cultore della Materia" for Geography modules @Literature and Philosophy Faculty | Main tasks: bachelor & master thesis supervisor, internships/Erasmus tutor, examinations commission member

Research Fellow

2010 - 2011 (1 anno)

Trentino-Alto Adige, Italia

Cartographic heritage as source for multitemporal territorial analysis of Verona Province: from census to an Historical GIS | funding CariVerona | @Department of Humanities

Provincia Autonoma di Trento

Senior Scientific Consultant | HORIZON2020 @Cadastre

giugno 2015 - agosto 2016 (1 anno 3 mesi)

Trentino-Alto Adige, Italia

@Cadastre Service | Consultant in Geospatial domain, Cadastre & Land Administration, GNSS applications | for HORIZON 2020 project CENTRIC @Romania |

Main tasks: coordination of PAT tasks, project proposal, budgeting, workflow management, implementation with partners (reporting, deliverables, action lines, progress monitoring) and communication, scientific dissemination, capacity building, networking with stakeholders |

Main topics: technical & regulatory aspects, training/mobility for professionals & surveyors, GNSS market

Eberhard-Karls-Universität Tübingen
Visiting Research Fellow | Visiting Lecturer
marzo 2014 - giugno 2014 (4 mesi)
Tubinga, Germania

@Dept. of Geography | MSc in Global Studies (Gastdozent) | research project: Political geometry. Topological representations of political geographies from 19th cent. to web 2.0 popular maps | funding DAAD Deutscher Akademischer Austauschdienst

Università degli Studi di Milano-Bicocca
Temporary Lecturer | Geography of Environmental and Cultural Heritage
2012 - 2013 (1 anno)

Master in Tourism, Territory and Local Development | @Department of Sociology | Main Tasks: lecturing, coordinating, setting-up curriculum

Università degli Studi di Pavia
Temporary Lecturer | Political Geography
febbraio 2012 - luglio 2012 (6 mesi)
Pavia, Italia

@Literature and Philosophy Faculty (postgraduate) | Main topics: critical cartography, critical geopolitics, border studies | Main Tasks: lecturing, setting-up curriculum

Museo Alto Garda MAG | Riva del Garda Municipality
GIS Consultant
2012 - 2012 (meno di un anno)
Trentino-Alto Adige, Italy

Historical topographic DB of Riva del Garda | @MPA Solutions Coop

Ludwig-Maximilians Universität München
Visiting Research Fellow
dicembre 2010 - marzo 2011 (4 mesi)

@Department of Geography | research project: Continuous deforestation maps. Supporting policies through geographical Remote Sensing (Alzette River catchment change detection 1973-2010) | funding DAAD

Università degli Studi del Piemonte Orientale

Postdoc Grant

dicembre 2009 - novembre 2010 (1 anno)

@Dept. of Territorial and Business Studies | research project: Along the river's banks. Landscape, river restoration and leisure of Agogna River urban corridor | funding CRT Foundation (Torino), Novara Province Landscape Planning Division

Arcadia Sistemi Informativi Territoriali srl

GIS Specialist

novembre 2008 - giugno 2010 (1 anno 8 mesi)

Pavia Area, Italy | Vigevano

Main duties: Liguria Region Forestal Map 1:25.000 & Land Cover Map 1:10.000 | Padua Municipality Topographical DB

Università degli Studi di Milano

Temporary Lecturer | Environmental and Landscape Analysis and Communication

2009 - 2010 (1 anno)

@Literature and Philosophy Faculty (postgraduate) | Main Tasks: lecturing, setting-up curriculum

Università degli Studi del Piemonte Orientale

1 anno

Teaching Fellow | Landscape Analysis and Representation

2008 - 2009 (1 anno)

"Cultore della Materia" @Faculty of Economics

Postdoc Fellow

giugno 2008 - settembre 2008 (4 mesi)

@Dept. of Territorial and Business Studies | research project: Territorial resources analysis and land monitoring | funding Novara Province Landscape Planning Division

De Agostini Editore

Editorial Consultant

aprile 2008 - luglio 2008 (4 mesi)

@Istituto Geografico De Agostini | Books and Cartography division

Politecnico di Milano

GIS Specialist

aprile 2008 - luglio 2008 (4 mesi)

@Dept. BEST Building Environment Science Technology | Duties: river restoration, Agogna River

Politecnico di Milano
Research Fellow
2007 - 2008 (1 anno)

@Dept. BEST Building Environment Science Technology | research project: Adjacent areas of Ticino River Valley Natural Park | funding Novara Province Landscape Planning Division

BEIC Biblioteca Europea di Informazione e Cultura
Editorial Consultant
2007 - 2008 (1 anno)
@geography section

Provincia di Novara
GIS Analyst
2007 - 2008 (1 anno)
Novara, Italia

Technical Advisor Freelance @Landscape Planning Division | "Piano Paesistico del Terrazzo Novara-Vespolate" (NO)

University of Trieste
1 anno

Temporary Lecturer | Applied Informatics
2006 - 2007 (1 anno)

@Gorizia Campus | Master in Territorial Policy| @Faculty of Education |
Main topics: GIS fundamentals, Database & SQL fundamentals, Access |
Main Tasks: lecturing, coordinating, setting-up curriculum, thesis supervising, internship/Erasmus tutoring

Temporary Lecturer | Basic Informatics
2006 - 2007 (1 anno)

@Gorizia Campus | Master in Territorial Policy| @Faculty of Education | Main topics: open-source concepts, Access fundamentals, Excel | Main Tasks: lecturing, coordinating, setting-up curriculum

Postdoc Fellow
aprile 2006 - novembre 2006 (8 mesi)
Trieste, Italia

@Dept. of Humanities Geomatics Division | research project: The role of Friuli-Venezia Giulia in the EU enlargement

Temporary Lecturer | Computer Aided Design (CAD)
febbraio 2006 - luglio 2006 (6 mesi)

@Gorizia Campus | Master in Territorial Policy| @Faculty of Education |
Main topics: AutoCAD Map | Main Tasks: lecturing, coordinating, setting-up curriculum

Formazione

Università degli Studi di Trieste
PhD, Geographic Information Science and Cartography · (2003 - 2006)

Università degli Studi di Milano
Master's Degree, Political Science and Government · (1995 - 2001)

I.T.I. OMAR | Novara
High School, Industrial Electronics Technology/Technician · (1991 - 1995)

Project title: "Production of murine recombinant osteopontin and a DNA vaccine anti-osteopontin"

Post-doc fellowship

febbraio 2009 - dicembre 2009 (11 mesi)

Project title: "Searching for genes involved in autoimmune diseases"

Master's Degree in Biomedical Laboratory Techniques, University of Eastern Piedmont, Novara

1 anno

Adjunt Professor in Molecular Techniques (MED/04)

2010 - 2011 (1 anno)

Adjunt Professor in Immunology and Immunoematology (MED/04)

2010 - 2011 (1 anno)

Liceo scientifico A. Antonelli

Natural Sciences Examiner (Graduation Exam) for secondary school

2009 - 2009 (meno di un anno)

Novara

Master's Degree in Biotechnologies, University of Eastern Piedmont, Novara

Instructor (teaching fellow) of Immunology

2007 - 2008 (1 anno)

Formazione

Università degli Studi del Piemonte Orientale 'Amedeo Avogadro'

PhD in Molecular Medicine · (2005 - 2009)

Università degli Studi di Milano

Master of Science (5-years) in Biological Sciences, Molecular Biology

curriculum · (1996 - 2005)

Liceo Scientifico " A. Antonelli", Novara

High school · (1990 - 1995)