

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Luca Delucchi

20, Piazza San Gallo, 38015, Lavis, Italia

+39 3462462772

personal: lucadeluge@gmail.com

work: luca.delucchi@fmach.it

skype user: lucadelu

Italian

05-Feb-1985

Male

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

1 September 2011

Technician

GIS technician until end of 2015 at the GIS Remote Sensing Unit under the supervision of Markus Neteler now in the Applied Ecology unit. I work as a data analysis, geodatabase, webGIS and software development, I use only free software

Fondazione Edmund Mach, Via Edmund Mach 1, San Michele all'Adige

GIS Technician

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

November 2018

Technician

Set up of a server to publish worldwide OpenStreetMap data using Tessera

Webmapp S.r.l./Studio flu S.r.l.

GIS Technician

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

October 2018

Cartographer

Creation of a Mapnik style for hiking used in a webapp

Fylax SNC

Cartographer

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

February 2017 - May 2017

Developer

Develop Parco Minerario Alta Valsugana e Bersntol web site, developed using Django

Associazione Filò

WebGIS Developer

Dates

October 2014 - June 2015

Occupation or position held	Technician
Main activities and responsibilities	Creation of thematic layer for Cliccolo software using OpenStreetMap and Natural Earth dataset
Name and address of employer	Unidida srl, Via Felizzano, 6 - 10127 Torino
Type of business or sector	GIS Technician
Dates	April 2013
Occupation or position held	Technician
Main activities and responsibilities	Support and development of a webGIS with free and open source software
Name and address of employer	Istituto Zooprofilattico Sperimentale delle Venezie, Viale dell'università 10, Padova
Type of business or sector	GIS Technician
Dates	August 2012
Occupation or position held	Technician
Main activities and responsibilities	Daily replica of OpenStreetMap database, installation and configuration of Mapnik and MapProxy to create web services for the online distribution of geographic data
Name and address of employer	Geographike, Via Sansedoni 7, Siena
Type of business or sector	GIS Technician
Dates	1 May 2010 - 31 August 2011
Occupation or position held	Technician
Main activities and responsibilities	GIS technician at the GIS Remote Sensing Unit under the supervision of Markus Neteler, I work as a data analysis, geodatabase, webGIS and software development, we use only free software
Name and address of employer	Fondazione Edmund Mach, Via Edmund Mach 1, San Michele all'Adige
Type of business or sector	GIS Technician
Dates	1 September 2008 - 30 April 2010
Occupation or position held	Technician
Main activities and responsibilities	Development of webGIS (HarvAssist http://harvassist.fmach.it) to management, visualization and forecast about grape harvest of Cavit; the site is developed using free and open source software
Name and address of employer	Istituto Agrario di San Michele all'Adige/Fondazione Edmund Mach, Via Edmund Mach 1, San Michele all'Adige
Type of business or sector	GIS Technician - webGIS
Dates	1 June - 30 June 2010
Occupation or position held	Consultant
Main activities and responsibilities	Feasibility study for roof detection and incident energy from LIDAR data
Name and address of employer	R3-GIS, via Johann Kravogl 2, Merano
Type of business or sector	GIS consultant
Dates	31 January - 28 February 2010
Occupation or position held	Technician
Main activities and responsibilities	GPS sampling and post processing
Name and address of employer	Ambiente Italia s.r.l., via Carlo Poerio 39, Milano
Type of business or sector	Technician GPS - GIS
Dates	January - March 2006
Occupation or position held	Technician
Main activities and responsibilities	Internship about GIS project on rivers in a Genova's valley

Name and address of employer Type of business or sector	Area 06 e CED, Provincia di Genova GIS Technician
Teaching	
Data Funzione o posto occupato Principali mansioni e responsabilità	28 August 2018 Teacher Big geodata management and analysis using GRASS GIS
Nome e indirizzo del datore di lavoro Tipo o settore d'attività	FOSS4G 2018, Dar Er Salaam, Tanzania Teacher
Data Funzione o posto occupato Principali mansioni e responsabilità	18 July 2017 Teacher TGRASS: temporal data processing with GRASS GIS
Nome e indirizzo del datore di lavoro Tipo o settore d'attività	FOSS4G Europe 2017, Paris, France Teacher
Dates Occupation or position held Main activities and responsibilities	15 October 2016 Teacher
Nome e indirizzo del datore di lavoro Type of business or sector	OGRS 2016, Perugia, Italia Teacher
Dates Occupation or position held Main activities and responsibilities	15 August 2016 Teacher
Name and address of employer Type of business or sector	FOSS4G 2016, Bonn, Germany Teacher
Dates Occupation or position held Main activities and responsibilities	15 Settembre 2015 Teacher Python in GRASS GIS 7
Name and address of employer Type of business or sector	FOSS4G 2015, Seul, Corea del Sud Teacher
Dates Occupation or position held Main activities and responsibilities	15 Settembre 2015 Teacher Python in GRASS GIS 7
Name and address of employer Type of business or sector	FOSS4G 2015, Seul, South Korea Teacher
Dates Occupation or position held Main activities and responsibilities	15 Luglio 2015 Teacher assistant How to write a Python GRASS GIS 7 addon

Name and address of employer	FOSS4G Europe 2015, Como, Italy
Type of business or sector	Teacher
Dates	12 February 2014
Occupation or position held	Teacher
Main activities and responsibilities	Course about MapServer: introduction to webgis
Name and address of employer	XV Meeting degli utenti italiani GRASS e GFOSS, Palermo, Italy
Type of business or sector	Teacher
Dates	21-22 November 2013
Occupation or position held	Teacher
Main activities and responsibilities	Course about GRASS GIS: introduction, analysis and remote sensing
Name and address of employer	KEP training course, Minsk, Belarus
Type of business or sector	Teacher
Dates	10 October 2013
Occupation or position held	Teacher
Main activities and responsibilities	Introduction to GRASS GIS
Name and address of employer	GFOSS DAY 2013, Bologna, Italy
Type of business or sector	Teacher
Dates	19 September 2013
Occupation or position held	Teacher
Main activities and responsibilities	Advanced Spatial Data Analysis With GRASS GIS 7
Name and address of employer	FOSS4G 2013, Nottingham, UK
Type of business or sector	Teacher
Dates	16 June 2013
Occupation or position held	Teacher
Main activities and responsibilities	High level map interaction using Python and GRASS
Name and address of employer	FOSS4G CEE 2013, Bucarest, Romania
Type of business or sector	Teacher
Dates	21-22 February 2013
Occupation or position held	Teacher
Main activities and responsibilities	Introduction course about GRASS GIS
Name and address of employer	Regione Puglia, Bari, Italy
Type of business or sector	Teacher
Dates	28 January 2013
Occupation or position held	Teacher
Main activities and responsibilities	Introduction to OpenStreetMap
Name and address of employer	Istituto Tecnico Industriale Statale Pininfarina, Torino, Italy
Type of business or sector	Teacher
Dates	13 December 2012
Occupation or position held	Teacher

Main activities and responsibilities	Lesson about "GIS and Remote Sensing Platform at Fondazione Edmund Mach"
Name and address of employer	Osaka City University (OCU), Osaka, Japan
Type of business or sector	Teacher
Dates	21 May 2012
Occupation or position held	Teacher assistant
Main activities and responsibilities	GRASS GIS workshop
Name and address of employer	FOSS4G-CEE 2012, Prague, Czech Republic
Type of business or sector	GIS Teacher
Dates	21 May 2012
Occupation or position held	Teacher assistant
Main activities and responsibilities	Lesson about free and open source GIS and OpenStreetMap
Name and address of employer	Università di Genova - Facoltà di Scienze Politiche, Genova, Italy
Type of business or sector	GIS Teacher
Dates	23 April 2012
Occupation or position held	Teacher
Main activities and responsibilities	Practical Introduction to ZOO-Project by playing with building blocks
Name and address of employer	FOSS4G-CEE 2012, Prague, Czech Republic
Type of business or sector	GIS Teacher
Dates	24 November 2011
Occupation or position held	Teacher
Main activities and responsibilities	Workshop about GRASS GIS
Name and address of employer	GFOSS DAY 2011, Foggia, Italy
Type of business or sector	GIS Teacher
Dates	13 September 2011
Occupation or position held	Teacher assistant
Main activities and responsibilities	Practical Introduction to ZOO-Project and WPS Services development
Name and address of employer	FOSS4G2011, Denver, USA
Type of business or sector	GIS Teacher assistant
Dates	18 November 2010
Occupation or position held	Teacher
Main activities and responsibilities	Workshop about ZOO-Project WPS server
Name and address of employer	GFOSS DAY 2010, Foligno, Italy
Type of business or sector	GIS Teacher
Dates	August 2009
Occupation or position held	Teacher
Main activities and responsibilities	Introduction course about QGIS e GRASS
Name and address of employer	Ing. Vito Bertè Studio Di Ingegneria, Via Verdi Giuseppe 31, Trento
Type of business or sector	GIS Teacher

Education and training

Dates	18 March 2008
Title of qualification awarded	Bachelor degree in geographical science apply to landscape – environment - tourism (108/110)
Principal subjects/Occupational skills covered	Various disciplines related to geography: physical, economic, political, tourism in the present and in the past, are also dealt with other aspects such as cartography, photogrammetry and GIS
Name and type of organization providing education and training	Università di Genova, Facoltà di lettere e filosofia
Dates	9-11 Maggio 2016
Title of qualification awarded	Introduction to scientific and technical computing in C
Principal subjects/Occupational skills covered	Introduction to C development
Name and type of organization providing education and training	CINECA
Dates	14-16 Aprile 2016
Title of qualification awarded	Tools and Techniques for massive data analysis
Principal subjects/Occupational skills covered	Big data analysis
Name and type of organization providing education and training	CINECA
Dates	10 February 2010
Title of qualification awarded	Introduction course about SOS
Principal subjects/Occupational skills covered	Introduction to Sensor Observation Service and istSOS
Name and type of organization providing education and training	XI Meeting degli Utenti Italiani di GRASS, Istituto Scienze della Terra di Lugano
Dates	10 February 2010
Title of qualification awarded	Introduction course about GeoDjango
Principal subjects/Occupational skills covered	Introduction to Django and GeoDjango
Name and type of organization providing education and training	XI Meeting degli Utenti Italiani di GRASS, Istituto Scienze della Terra di Lugano
Dates	20 February 2008
Title of qualification awarded	Introduction course about GRASS GIS, QGIS, gvSIG, GRASS+R
Principal subjects/Occupational skills covered	Introduction to free and open source GIS
Name and type of organization providing education and training	IX Meeting degli Utenti Italiani di GRASS, Università di Perugia
Dates	6 July 2007
Title of qualification awarded	Introduction course about PostgreSQL e PostGIS
Principal subjects/Occupational skills covered	Introduction to PostgreSQL and PostGIS
Name and type of organization providing education and training	PostgreSQL day, Prato
Dates	February 2007
Title of qualification awarded	“GIS, geodatabase e webmapping” course

Principal subjects/Occupational skills covered
Name and type of organization providing education and training

Dates

Title of qualification awarded
Principal subjects/Occupational skills covered

Name and type of organization providing education and training

Personal skills and competences

Mother tongue(s)

Self-assessment
European level^(*)

English

French

Social skills and competences

Introduction to QGIS, PostGIS, MapServer e Pmapper

Libersoft, Faunalia and Imparaora

July 1997-1998-1999

English course

English course

Mayorality College of Galway, Irlanda

Italian

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
B2 Independent user	B2 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user
A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A1 Basic user	A1 Basic user

^(*) Common European Framework of Reference (CEF) level

- Nation and international publications (www.slideshare.com/lucadelu) about free geography
- Engaged in the dissemination of free software, especially with regard to GIS software
- Development of some free and open source software (<https://github.com/lucadelu>), I collaborate with some international project as *GRASS GIS* and *OSGeo Live*
- Member of:
 - * OSGeo member from 2011
 - * Associazione per le Informazioni Geografiche Libere (GFOSS.it)
 - * Associazione per le Libertà Informatiche e Digitali (ALID)
 - * LinuxTrent
- I collaborate actively and I promote the project OpenStreetMap (www.openstreetmap.org/user/lucadelu)
- I collaborate and develop part of BuioMetriaPartecipativa project (<http://www.lucadelu.org/bmp>)
- Contacts and collaborations with other volunteering associations

Organizational skills and competences

- Good organization skills
- Events organizer for free and open source software and free data:
 - * FOSS4G 2019 BLOC
 - * FOSS4G Europe 2017
 - * FOSS4G it 2017-2018-2019
 - * GRASS Community Sprint: Genova 2013, Como 2015
 - * GFOSSDAY
 - * Several events related to OpenStreetMap, among which: OSMit2010, OSMit2011, OSMit 2012, M(')appare Genova 2012
 - * GRASS Meeting 2008
 - * Linux Day 2006, 2007 in Genova

Computer skills and competences

- Good skills on OS Linux, base Mac and Windows XP
- Excellent skills about FOSS GIS: GRASS GIS, QGIS, PostgreSQL-PostGIS, MapServer, OpenLayer, GeoExt, Mapnik, ZOO-project
- Good skills about FOSS GIS: gvSIG, GeoServer, MapFish, GeoDjango, Mkgmap
- Good skills about SQL
- Python, PHP and Bash Developer (QGIS Plugin developer, GRASS GIS developer)
- Introduction about C/C++
- Web developer, good skill on HTML, CSS, JavaScript, Bootstrap, Django, Sphinx; basic skills of ExtJS, CMS Made Simple, Wordpress

Artistic skills and competences

- Amateur photographer, especially attracted by the landscapes, flora and fauna
- Realization advertising materials for events

Other skills and competences

- Certified Drone pilot from Italian Civil Aviation Authority (ENAC)
- A lover of nature, where I try to spend more time with hiking and mountain biking
- C.A.I. member from 2009

Driving license(s)

Italian license, B category (car and small moto)

Other information

BOOKS OR CHAPTER

Duccio Rocchini, Ana-Maria Olteanu-Raimond, Luca Delucchi, Sajid Pareeth, Markus Neteler, and Harini Nagendra.

Sensing technologies and their integration with maps: Mapping landscape heterogeneity by satellite imagery.

In Temenoujka Bandrova, Milan Konecny, and Sisi Zlatanova, editors, *Thematic Cartography for the Society*, Lecture Notes in Geoinformation and Cartography, pages 259–273. Springer International Publishing, 2014

D. Rocchini, N. Balkenhol, L. Delucchi, A. Ghisla, H.C. Hauffe, A.R. Imre, F. Jordán, H. Nagendra, D. Neale, C. Ricotta, C. Varotta, C. Vernesi, M. Wegmann, T. Wohlge-muth, and M. Neteler.

Spatial algorithms applied to landscape diversity estimate from remote sensing data. In Sven Erik Jørgensen and Ferenc Jordán, editors, *Models of the Ecological Hierarchy: From Molecules to the Ecosphere*, page 391–411. Elsevier B.V., 2012

D. Rocchini, N. Balkenhol, L. Delucchi, A. Ghisla, H.C. Hauffe, A.R. Imre, F. Jordán, H. Nagendra, D. Neale, C. Ricotta, C. Varotta, C. Vernesi, M. Wegmann, T. Wohlge-muth, and M. Neteler.

Spatial algorithms applied to landscape diversity estimate from remote sensing data. In Sven Erik Jørgensen and Ferenc Jordán, editors, *Models of the Ecological Hierarchy: From Molecules to the Ecosphere*, page 391–411. Elsevier B.V., 2012

PUBLICATIONS

Chiara Paniccia¹, Mirko Di Febbraro¹, Luca Delucchi², Rocco Oliveto³, Marco Marchetti³, and Anna Loy¹.

OpenMICE: an open spatial and temporal data set of small mammals in south-central Italy based on owl pellet data.

ECOLOGY, 2018.

¹ EnvixLab, Dipartimento Bioscienze e Territorio, Università degli Studi del Molise, Contrada Fonte Lappone, Pesche I86090 Italy

² Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Fondazione Edmund Mach, Via E. Mach 1, San Michele all'Adige 38010 Italy

³ Dipartimento Bioscienze e Territorio, Università degli Studi del Molise, Contrada Fonte Lappone, Pesche I86090 Italy

Marco Minghini, Luca Delucchi, Fabio Lupia, Maurizio Napolitano, Alessandro Palmas, and Alessandro Sarretta.

Collaborative mapping response to disasters through OpenStreetMap: the case of the 2016 Italian earthquake.

GEAM. Geingegneria Ambientale e Mineraria, 2017

Frédéric Baldacchino¹, Matteo Marcantonio², Mattia Manica^{1 3}, Giovanni Marini¹, Roberto Zorer¹, Luca Delucchi¹, Daniele Arnoldi¹, Fabrizio Montarsi⁴, Gioia Capelli⁴, Annapaola Rizzoli¹, and Roberto Rosà¹.

Mapping of *Aedes albopictus* abundance at a local scale in Italy.

Remote Sensing, 2017.

¹ Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Fondazione Edmund Mach, 38010 San Michele, Italy

² Department of Pathology, Microbiology and Immunology, School of Veterinary Medicine, University of California, Davis, USA

³ Department of Public Health and Infectious Diseases, Sapienza University of Rome, Laboratory affiliated to Istituto Pasteur Italia—Fondazione Cenci Bolognetti, 00185 Rome, Italy

⁴ Istituto Zooprofilattico Sperimentale delle Venezie, 35020 Legnaro, Italy

Vinayaraj Poliyapram¹, Venkatesh Raghavan¹, Markus Metz², Luca Delucchi², and Shinji Masumoto³.

Implementation of Algorithm for Satellite-Derived Bathymetry using Open Source GIS and Evaluation for Tsunami Simulation.

ISPRS International Journal of Geo-Information, 2017.

¹ Graduate School for Creative Cities, Osaka City University, Osaka City, Japan

² Fondazione Edmund Mach, Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Via Mach 1, 38010 S. Michele all'Adige (TN), Italy

³ Graduate School of Science, Osaka City University, Osaka City, Japan

Duccio Rocchini¹, Vaclav Petras^{2 3}, Anna Petrasova^{2 3}, Yann Chemin⁴, Carlo Ricotta⁵, Alessandro Frigeri⁶, Martin Landa⁷, Matteo Marcantonio^{1 8}, Lucy Bastin⁹, Markus Metz¹, Luca Delucchi¹, and Markus Neteler¹⁰.

Spatio-ecological complexity measures in GRASS GIS.

Computers & Geosciences, 2017.

¹ Fondazione Edmund Mach, Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Via Mach 1, 38010 S. Michele all'Adige (TN), Italy

² Department of Marine, Earth, and Atmospheric Sciences, North Carolina State University, 2800 Faucette Drive, Raleigh, NC 27695, USA

³ Center for Geospatial Analytics, North Carolina State University, 2800 Faucette Drive, Raleigh, NC 27695, USA

⁴ IWMI, Research Division, Pelawatta, Sri Lanka

⁵ Department of Environmental Biology, University of Rome "La Sapienza", 00185 Rome, Italy

⁶ Istituto Nazionale di Astrofisica (INAF), Istituto di Astrofisica e Planetologia Spaziali (IAPS), Via Fosso del Cavaliere 100, 00133 Rome, Italy

⁷ Department of Geomatics, Czech Technical University in Prague, 166 29 Prague, Czech Republic

⁸ h Geoinformation in Environmental Planning Lab, Technische Universität Berlin, Germany

⁹ School of Computer Science, Aston University, UK

¹⁰ Mundialis GmbH & Co. KG, Kölnstraße 99, 53111 Bonn, Germany

Sajid Pareeth^{1 2 3}, Luca Delucchi¹, Markus Metz¹, Duccio Rocchini¹, Abhay Devasthale⁴, Martin Raspaud⁴, Rita Adrian^{3 5}, Nico Salmaso², and Markus Neteler¹.

New automated method to develop geometrically corrected time series of brightness temperatures from historical AVHRR LAC data.

Remote Sensing, 2016.

¹ Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Fondazione Edmund Mach, San Michele all'Adige (TN) 38010, Italy

Department of Sustainable Agro-Ecosystems and Bioresources, Research and Innovation Centre, Fondazione Edmund Mach, San Michele all'Adige (TN) 38010, Italy

Department of Biology, Chemistry and Pharmacy, Freie Universität Berlin, Berlin 14195, Germany

⁴ Swedish Meteorological and Hydrological Institute (SMHI), Norrköping 60176, Sweden

⁵ Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin 12587, Germany

Francesco Nex^{1 5}, Luca Delucchi², Damiano Gianelle^{3 4}, Markus Neteler², Fabio Remondino¹, and Michele Dalponte³.

Land Cover Classification and Monitoring: the STEM Open Source Solution.

European Journal of Remote Sensing, 2015.

¹ Fondazione Bruno Kessler, 3D Optical Metrology Unit, Via Sommarive 18, 38123 Trento, Italy

² Fondazione Edmund Mach, Biodiversity and Molecular Ecology Department, Via Mach 1, 38010 San Michele all'Adige, Italy

³ Fondazione Edmund Mach, Sustainable Agro-ecosystems and Bioresources Department, Research and Innovation Centre, 38010 Via E. Mach 1, San Michele all'Adige, Italy

⁴ Fondazione Edmund Mach, FoxLab, Joint CNR-FEM Initiative, Via Mach 1, 38010, San Michele all'Adige (TN), Italy

⁵ University of Twente, ITC Faculty, EOS Department, Hengelosestraat 99, 7514 AE, Enschede, The Netherlands

Federica Camin¹, Nikola Dordevic¹, Ron Wehrens¹, Markus Neteler¹, Luca Delucchi¹, Geert Postma², and Lutgarde Buydens².

Climatic and geographical dependence of the H, C and O stable isotope ratios of Italian wine.

Analytica Chimica Acta, 2015.

¹ Research and Innovation Centre, Fondazione Edmund Mach, via Mach 1, 38010 San Michele all'Adige (TN), Italy

² Radboud University Nijmegen, Institute for Molecules and Materials, Analytical Chemistry, P.O. Box 9010, 6500 GL Nijmegen, The Netherlands

Roberto Rosà¹, Giovanni Marini¹, Luca Bolzoni^{1,2}, Markus Neteler¹, Markus Metz¹, Luca Delucchi¹, Elizabeth A Chadwick^{1,3}, Luca Balbo⁴, Andrea Mosca⁴, Mario Giacobini⁵, Luigi Bertolotti⁵, and Annapaola Rizzoli¹.

Early warning of West Nile virus mosquito vector: climate and land use models successfully explain phenology and abundance of *Culex pipiens* mosquitoes in north-western Italy.

Parasites & Vectors, 2014.

¹ Dipartimento di Biodiversità ed Ecologia Molecolare, Centro Ricerca e Innovazione, Fondazione Edmund Mach, San Michele all'Adige (TN), Italia

² Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Parma, Italia

³ Cardiff University, School of Biosciences, The Sir Martin Evans Building, Museum Avenue, Cardiff, Wales. CF10 3AX

⁴ Istituto per le Piante da Legno e l'Ambiente - IPLA S.p.a., Torino, Italia

⁵ Dipartimento di Scienze Veterinarie, Università degli Studi di Torino, Italia

Sittichai Choosumrong¹, Venkatesh Raghavan¹, Luca Delucchi², Daisuke Yoshida¹, and P. Vinayaraj¹.

Implementation of Dynamic Routing as a Web Service for Emergency Routing Decision Planning.

International Journal of Geoinformatics, 2014.

¹ Osaka City University, Graduate School for Creative Cities, Osaka City University

² IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

Duccio Rocchini¹, Leticia Dadalt, Luca Delucchi¹, Markus Neteler¹, and M.W. Palmer.
Disentangling the role of remotely sensed spectral heterogeneity as a proxy for North American plant species richness.

Community Ecology, 2013.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

Roberto Zorer¹, Duccio Rocchini¹, Markus Metz¹, Luca Delucchi¹, Fabio Zottele², Franco Meggio³, and Markus Neteler¹.

Daily MODIS Land Surface Temperature data for the analysis of the heat requirements of grapevine varieties.

IEEE Transactions on Geoscience and Remote Sensing, 2013.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

² Unità Sistema Informativo Geografico, Center for Technology Transfer, Fondazione Edmund Mach, San Michele all'Adige

³ Department of Agronomy Food Natural Resources, Animals and the Environment, University of Padova

Duccio Rocchini¹, Luca Delucchi¹, Giovanni Bacaro², Paolo Cavallini³, Hannes Feilhauer⁴, Giles M. Foody⁵, Kate S. He⁶, Harini Nagendra^{7,8}, Claudio Porta^{9,10}, Claudio Ricotta¹¹, Sebastian Schmidlein⁴, Lucio Davide Spano^{9,10}, Martin Wegmann¹², and Markus Neteler¹.

Calculating landscape diversity with information-theory based indices: A GRASS GIS solution.

Ecological Informatics, 2013.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

² BIOCONNET, Biodiversity and Conservation Network, Department of Environmental Science "G. Sarfatti", University of Siena

³ Faunalia

⁴ Department of Geography, University of Bonn

⁵ School of Geography, University of Nottingham, University Park

⁶ Department of Biological Sciences, Murray State University

⁷ Ashoka Trust for Research in Ecology and the Environment

⁸ Center for the Study of Institutions, Population, and Environmental Change, Indiana University

⁹ ISTI-CNR, HIIS Lab

¹⁰ Università degli Studi di Pisa, Dipartimento di Informatica

¹¹ Department of Plant Biology, University of Rome "La Sapienza"

¹² University of Würzburg, Institute of Geography, Department of Remote Sensing

Duccio Rocchini¹, Markus Metz², Alessandro Frigeri³, Luca Delucchi¹, Matteo Marcantonio¹, and Markus Neteler¹.

Robust rectification of aerial photographs in an Open Source space.

Computers & Geosciences, 2012.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

² Institute for Experimental Ecology, University of Ulm

³ Istituto di Fisica dello Spazio Interplanetario, Istituto Nazionale di Astrofisica

Luca Delucchi¹.

GeoExt per sviluppare applicazioni WebGIS.

Geomedìa, 4-2011.

¹ IASMA Research and Innovation Centre: GIS and Remote Sensing Unit - Fondazione Edmund Mach

Francesca Cagnacci, S. Focardi, M. Heurich, AJM Kjellander, JDC Linnell, A. Mysterud, Markus Neteler, Luca Delucchi, and Ferdinando Urbano.

Partial migration in roe deer: migratory and resident tactics are end points of a behavioural gradient determined by ecological factors.

OIKOS, thematic issue on Partial migrations, 2011

Roberto Zorer¹, Luca Delucchi¹, Roberto Larcher², and Fabrizio Marinconz³.

HarvAssist: nuovo portale internet per la caratterizzazione dei vigneti e per la gestione della qualità delle uve.

Italus Hortus, 2010.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach

² IASMA Consulting and Service Centre - Fondazione Edmund Mach,

³ Cavit s.c

Luca Delucchi¹, Cristina Castellani¹, and Markus Neteler¹.

ZOO: la piattaforma WPS libera.

Geomedìa, 5-2010.

¹ IASMA Research and Innovation Centre: GIS and Remote Sensing Unit - Fondazione Edmund Mach

Duccio Rocchini¹, Luca Delucchi¹, Carlo Ricotta², Anne Ghisla¹, Cristina Castellani¹, Roberto Zorer¹, and Markus Neteler¹.

Measuring spatial diversity in a free algorithmic environment.

FOSS4G, 09-2010.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach,

² Dipartimento di Biologia Vegetale, Università "La Sapienza" di Roma

Roberto Zorer¹, Luca Delucchi¹, Markus Neteler¹, and Giorgio Nicolini².

Development of a GRASS-GIS application for the characterization of vineyards in the Province of Trento.

Terroir-Soave, 2010.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach,

² IASMA Consulting and Service Centre - Fondazione Edmund Mach

Luca Delucchi¹, Roberto Zorer¹, Mario Malacarne², Roberto Larcher², and Fabrizio Marinconz³.

HarvAssist: portale webGIS per la gestione della vendemmia.

Geomatics Workbooks, 9, 2010.

¹ IASMA Research and Innovation Centre: Environment and Natural Resources Area - Fondazione Edmund Mach,

² IASMA Consulting and Service Centre - Fondazione Edmund Mach,

³ Cavit s.c

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