

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 January 2022

Technician

GIS technician first at the Digital Agriculture unit. I carry out data analysis, geo-database, webGIS and software development for agricultural field data management; I use a cluster to carry out geodata analysis and several servers for web publishing of geodata and webGIS. Exclusive use of 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

1 Settembre 2016 - 31 Dicembre 2021

Technician

GIS technician first at the GIS and Remote Sensing Platform under the supervision of Markus Neteler, once this was disbanded at the Applied Ecology group. I carry out data analysis, geodatabase, webGIS and free software development; I use a cluster for geodata analysis and several servers for web publishing of geodata and webGIS. Exclusive use of 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

Novembre 2021

Cartographer

Creation of two styles for Mapnik highlighting the characteristics of the paths, especially CAI one, and names in Italian

Wikimedia Italia

Cartographer

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

November 2018

Technician

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

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

Type of business or sector	GIS Technician
Dates	October 2018
Occupation or position held	Cartographer
Main activities and responsibilities	Creation of a Mapnik style for hiking used in a webapp
Name and address of employer	Fylax SNC
Type of business or sector	Cartographer
Dates	February 2017 - May 2017
Occupation or position held	Developer
Main activities and responsibilities	Develop Parco Minerario Alta Valsugana e Bersntol web site, developed using Django
Name and address of employer	Associazione Filò
Type of business or sector	WebGIS Developer
Dates	1 September 2011 - 31 December 2016
Occupation or position held	Technician
Main activities and responsibilities	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
Name and address of employer	Fondazione Edmund Mach, Via Edmund Mach 1, San Michele all'Adige
Type of business or sector	GIS Technician
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	Area 06 e CED, Provincia di Genova
Type of business or sector	GIS Technician

Teaching

Date	26 March 2021
Occupation or position held	Teacher
Main activities and responsibilities	OpenDroneMap: a free ecosystem for aerial photographs
Name and address of employer	Workshop Spaziali: a series of events not to be afraid of open source
Type of business or sector	Teacher
Date	9 Novembre 2020
Occupation or position held	Teacher
Main activities and responsibilities	Introduction to OpenStreetMap
Name and address of employer	Scuola universitaria professionale della Svizzera italiana
Type of business or sector	Teacher
Date	28 August 2018
Occupation or position held	Teacher
Main activities and responsibilities	Big geodata management and analysis using GRASS GIS
Name and address of employer	FOSS4G 2018, Dar Er Salaam, Tanzania
Type of business or sector	Teacher
Date	18 July 2017
Occupation or position held	Teacher
Main activities and responsibilities	TGRASS: temporal data processing with GRASS GIS

Name and address of employer	FOSS4G Europe 2017, Paris, France
Type of business or sector	Teacher
Dates	15 October 2016
Occupation or position held	Teacher
Main activities and responsibilities	
Name and address of employer	OGRS 2016, Perugia, Italia
Type of business or sector	Teacher
Dates	15 August 2016
Occupation or position held	Teacher
Main activities and responsibilities	
Name and address of employer	FOSS4G 2016, Bonn, Germany
Type of business or sector	Teacher
Dates	15 Settembre 2015
Occupation or position held	Teacher
Main activities and responsibilities	Python in GRASS GIS 7
Name and address of employer	FOSS4G 2015, Seul, Corea del Sud
Type of business or sector	Teacher
Dates	15 Settembre 2015
Occupation or position held	Teacher
Main activities and responsibilities	Python in GRASS GIS 7
Name and address of employer	FOSS4G 2015, Seul, South Korea
Type of business or sector	Teacher
Dates	15 Luglio 2015
Occupation or position held	Teacher assistant
Main activities and responsibilities	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

Dates

Title of qualification awarded

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

Dates

Title of qualification awarded

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

Dates

Title of qualification awarded

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

CINECA

10 February 2010

Introduction course about SOS

Introduction to Sensor Observation Service and istSOS

XI Meeting degli Utenti Italiani di GRASS, Istituto Scienze della Terra di Lugano

10 February 2010

Introduction course about GeoDjango

Introduction to Django and GeoDjango

XI Meeting degli Utenti Italiani di GRASS, Istituto Scienze della Terra di Lugano

20 February 2008

Introduction course about GRASS GIS, QGIS, gvSIG, GRASS+R

Introduction to free and open source GIS

IX Meeting degli Utenti Italiani di GRASS, Università di Perugia

6 July 2007

Introduction course about PostgreSQL e PostGIS

Introduction to PostgreSQL and PostGIS

PostgreSQL day, Prato

February 2007

"GIS, geodatabase e webmapping" course

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
A2 Basic user	A2 Basic user	A2 Basic user	A2 Basic user	A1 Basic user

Social skills and competences

- 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)
- I collaborate actively and I promote the project OpenStreetMap (www.openstreetmap.org/user/lucadelu) since 2007
- 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:
 - * Chair of FOSS4G 2022, successful conference held in Florence with over a thousand people
 - * State of the Map (SotM) 2022
 - * FOSS4G Europe 2017
 - * FOSS4G it 2017-2018-2019
 - * GRASS GIS 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, <i>Thematic Cartography for the Society</i>, 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. Wohlgemuth, and M. Neteler. Spatial algorithms applied to landscape diversity estimate from remote sensing data. In Sven Erik Jørgensen and Ferenc Jordán, editors, <i>Models of the Ecological Hierarchy: From Molecules to the Ecosphere</i>, 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. Wohlgemuth, and M. Neteler. Spatial algorithms applied to landscape diversity estimate from remote sensing data. In Sven Erik Jørgensen and Ferenc Jordán, editors, <i>Models of the Ecological Hierarchy: From Molecules to the Ecosphere</i>, page 391–411. Elsevier B.V., 2012
PUBLICATIONS	Fabrizio Montarsi¹, Fausta Rosso², Daniele Arnoldi², Silvia Ravagnan¹, Giovanni Marini², Luca Delucchi², Roberto Rosà^{2, 3}, and Annapaola Rizzoli². First report of the blood-feeding pattern in <i>Aedes koreicus</i>, a new invasive species in Europe. <i>Scientific Reports</i>, 2022. ¹Istituto Zooprofilattico Sperimentale Delle Venezie, Legnaro, Padua, Italy. ²Research and Innovation Centre, Fondazione Edmund Mach, San Michele All'Adige, TN, Italy. ³Center Agriculture Food Environment, University of Trento, San Michele All'Adige, TN, Italy

Giovanni Marini^{1 2}, Mattia Manica^{1 2 3}, Luca Delucchi¹, Andrea Pugliese⁴, and Roberto Rosa^{1 5}.

Spring temperature shapes West Nile virus transmission in Europe.

Acta Tropica, 2021.

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

²Epilab-JRU, FEM-FBK Joint Research Unit, Province of Trento, Italy

³Center for Information and Communication Technology, Bruno Kessler Foundation, Trento, Italy

⁴Department of Mathematics, University of Trento, Trento, Italy

⁵Center Agriculture Food Environment, University of Trento, San Michele all'Adige (TN), Italy

Beniamino Caputo¹, Mattia Manica^{1 2}, Federico Filipponi³, Marta Blangiardo⁴, Pietro Cobre¹, Luca Delucchi², Carlo Maria De Marco¹, Luca Iesu⁵, Paola Morano⁶, Valeria Petrella⁵, Marco Salvemini⁵, Cesare Bianchi⁶, and Alessandra della Torre¹.

ZanzaMapp: a scalable citizen science tool to monitor perception of mosquito abundance and nuisance in Italy and beyond.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, 2020.

¹Department of Public Health & Infectious Diseases, Laboratory affiliated to Istituto Pasteur Italia-Fondazione Cenci Bolognetti, Sapienza University of Rome, 00185 Rome, Italy; ²Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Fondazione Edmund Mach, 38010 San Michele all'Adige, Italy; ³Institute for Environmental Protection and Research (ISPRA), via Vitaliano Brancati 48, 00144 Roma, Italy; ⁴MRC Centre for Environment and Health, Department of Epidemiology and Biostatistics, School of Public Health, Faculty of Medicine, Imperial College London, London W2 1PG, UK; ⁵Department of Biology, University of Naples Federico II, 80126 Naples, Italy; ⁶GH s.r.l., via Petralia Sottana, 11, 00132 Rome, Italy; paolamorano72@gmail.com (P.M.)

Cristina Fevola^{1 2}, Chiara Rossi¹, Fausta Rosso¹, Matteo Girardi¹, Roberto Rosa^{1 3}, Mattia Manica¹, Luca Delucchi¹, Duccio Rocchini^{1 3 4}, Carol X. Garzon-Lopez^{1 5}, Daniele Arnoldi¹, Alessandro Bianchi⁶, Elena Buzan⁷, Nathalie Charbonnel⁸, Margherita Collini^{1 9}, Ludovit Dureje¹⁰, Frauke Ecke¹¹, Nicola Ferrari⁹, Stefan Fischer¹², Emma L. Gillingham^{1 13 15}, Birger Hornfeldt¹¹, Maria Kazimirova¹⁶, Adam Konecny^{1 17}, Miriam Maas¹⁸, Magnus Magnusson¹¹, Andrea Miller^{19 20}, Jukka Niemimaa²¹, Ake Nordstrom¹¹, Anna Obiegala^{22 23}, Gert Olsson¹¹, Paolo Pedrini²⁴, Jaroslav Pialek¹⁰, Chantal B. Reusken^{18 25}, Franco Rizzoli¹, Claudia Romeo⁹, Cornelia Silaghi^{22 26}, Tarja Sironen², Michal Stanko^{16 27}, Valentina Tagliapietra¹, Rainer G. Ulrich¹², Olli Vapalahti^{28 29}, Liina Voutilainen²¹, Lucas Wauters³⁰, Annapaola Rizzoli¹, Antti Vaheri², Anne J. Jaaskelainen^{2 28}, Heikki Henttonen²¹, and Heidi C. Hauffe¹.

Geographical distribution of Ljungan virus in small mammals in Europe.

VECTOR BORNE AND ZOONOTIC DISEASES, 2020.

¹Department of Biodiversity and Molecular Ecology, Research and Innovation Centre, Fondazione Edmund Mach, San Michele all'Adige, Italy. ²Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland. ³Center for Agriculture Food Environment—C3A, University of Trento and Fondazione E. Mach, San Michele all'Adige, Italy. ⁴Department of Cellular, Computational and Integrative Biology—CIBIO, University of Trento, Povo, Italy. ⁵Ecology and Vegetation Physiology Group (EcoFiv), Universidad de los Andes, Bogota, Colombia. ⁶Istituto Zooprofilattico Sperimentale della Lombardia e Dell'Emilia Romagna 'Bruno Ubertini' Brescia, Italy. ⁷Department of Biodiversity, Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska, Koper, Slovenia. ⁸CBGP, INRAE, CIRAD, IRD, Montpellier SupAgro, Université de Montpellier, Montpellier, France. ⁹Department of Veterinary Medicine, Università degli Studi di Milano, Milan, Italy. ¹⁰Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic, Studenec, Czech Republic. ¹¹Department of Wildlife, Fish, and Environmental Studies, Swedish University of Agricultural Sciences, Umea, Sweden. ¹²Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health, Institute of Novel and Emerging Infectious Diseases, Greifswald-Insel Riems, Germany. ¹³School of Biosciences, Cardiff University, Cardiff, United Kingdom. ¹⁴Department of Medical Entomology and Zoonoses Ecology, Emergency Response Department, Public Health England, Salisbury, United Kingdom. ¹⁵Department of Climate Change and Health, Public Health England, London, United Kingdom. ¹⁶Slovak Academy of Sciences (SAS), Institute of Zoology, Bratislava, Slovakia. ¹⁷Department of Botany and Zoology, Masaryk University, Brno, Czech Republic. ¹⁸Centre for Infectious Disease Control, National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands. ¹⁹Department of Biomedical Sciences and Veterinary Public Health, Section for Parasitology, Swedish University of Agricultural Sciences, Uppsala, Sweden. ²⁰Department for Terrestrial Ecology, Norwegian Institute for Nature Research, Trondheim, Norway. ²¹Natural Resources Institute Finland (LUKE), Helsinki, Finland. ²²Comparative Tropical Medicine and Parasitology, Ludwig-Maximilians-Universität, Munich, Germany. ²³Institute of Animal Hygiene and Veterinary Public Health, University of Leipzig, Leipzig, Germany. ²⁴Sezione Zoologia dei Vertebrati, MUSE—Museo delle Scienze, Trento, Italy. ²⁵Department of Viroscience, Erasmus University Medical Centre, Rotterdam, the Netherlands. ²⁶Institute of Infectology, Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health, Greifswald-Insel Riems, Germany. ²⁷Slovak Academy of Sciences (SAS), Institute of Parasitology, Kosice, Slovakia. ²⁸Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland. ²⁹Department of Veterinary Biosciences, University of Helsinki, Helsinki, Finland. ³⁰Department of Theoretical and Applied Sciences, Università degli Studi dell'Insubria, Varese, Italy

Adolfo Ibáñez-Justicia¹, Juan Diego Alcaraz-Hernández², Ron van Lammeren³, Constantianus J. M. Koenraadt⁴, Aldo Bergsma³, Luca Delucchi⁵, Annapaola Rizzoli⁵, and Willem Takken⁴.

Habitat suitability modelling to assess the introductions of *Aedes albopictus* (Diptera: Culicidae) in the Netherlands.

Parasites & Vectors, 2020.

¹Centre for Monitoring of Vectors (CMV), Netherlands Food and Consumer Product Safety Authority (NVWA), Wageningen, The Netherlands. ²GRECO, Institute of Aquatic Ecology, University of Girona, Girona, Spain. ³Laboratory of Geo-information Science and Remote Sensing, Wageningen University & Research, Wageningen, The Netherlands. ⁴Laboratory of Entomology, Wageningen University & Research, Wageningen, The Netherlands. ⁵Research and Innovation Centre, Fondazione Edmund Mach, San Michele all'Adige, Italy

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

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