

## PERSONAL INFORMATION

**Matteo Ghetta**

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Gender Male | Date of birth 18 September 1986 | Nationality Italian

## EDUCATION

2014 **Laurea (master) degree cum laude in Environmental Sciences (University of Bologna)**

Title of the thesis: Hydrogeochemical characterization of Seehausen territory - Bremen

2009 **Laurea (bachelor) degree in Foreign Languages (Università di Firenze)**

## WORKING EXPERIENCE

March 2020 **QGIS consultancy**

Studio Pandini Srl

February 2020 **Workshop "Le funzionalità nascoste di QGIS"**

GFOSS.it

February 2020 **Basic QGIS training for Lazio Region**

Lazio Crea

January 2020 **Python and PyQGIS training**

Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA

January 2020 **QGIS and cartography consultancy**

Italia Nostra Onlus

December 2019 **Advanced QGIS training**

Città Metropolitana di Venezia

December 2019 **Basic QGIS training**

Città Metropolitana di Venezia

December 2019 **Verifying bus stops with QField and creation of a WebGIS portal (Lizmap and PostgreSQL/PostGIS)**

Südtiroler Transportstrukturen AG

December 2019 – February 2020 **Development of the QGIS QSeismo plugin to download historical seismological data**

I.N.G.V. Istituto Nazionale di Geofisica e Vulcanologia

- November 2019 **Pyqgis and plugin training in QGIS**
- October 2019 **Advanced QGIS training**  
Agenzia Regionale per la Protezione Ambientale del Friuli Venezia Giulia
- October 2019 **QField and QGIS training**  
Vemar Solutions SRL
- October 2019 **Cartography and analysis training with QGIS**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA
- October 2019 **Python, pyqgis and plugin training for QGIS**  
Politecnico di Torino - Dipartimento di Ingegneria Strutturale, Edile e Geotecnica
- October 2019 **Enhancements for the QGIS plugin PS Time Series**  
Agenzia Regionale per la Protezione Ambientale del Piemonte
- September 2019 **QGIS training**  
Athena Formazione
- August 2019 **Advanced QGIS and CAD training**  
R3 GIS
- July 2019 **QGIS specialized consultancy**  
Università degli Studi di Urbino
- July 2019 **QGIS bugfixing (LTR Legend)**  
Kaplan Open Source
- July 2019 – December 2020 **GIS specialized consultancy**  
Padania Acque S.p.A.
- July 2019 **Image analysis and scripting training in QGIS**  
Città Metropolitana di Venezia
- July 2019 **Advanced QGIS Training**  
ATI Servizi
- June 2019 **QGIS and QField consultancy**  
Comune di Bolzano
- June 2019 **Course of Python and QGIS: pyqgis and python scripting**  
Politecnico di Torino - Dipartimento di Ingegneria Strutturale, Edile e Geotecnica
- June 2019 **Development of many functionalities of DataPlotly plugin in QGIS (crowdfunding)**

- May 2019 **GIS Analysis Training Course with QGIS, Pontedera, Italy**
- April 2019 **Advanced QGIS and pyqgis training, Ljubljana, Slovenia**  
PNZ svetovanje projektiranje d.o.o.
- April 2019 **Cartography with QGIS training**  
Ordine dei Dottori Agronomi e Dottori Forestali di Pisa, Lucca e Massa-Carrara
- March 2019 **Algorithm to study the noise diffusion of vehicles**  
Ing. Carlo Grassi
- March 2019 **Consultancy and support on cartographic systems based upon open source**  
e-distribuzione S.p.A.
- February 2019 **GIS cartography Training Course with QGIS, Pontedera, Italy**
- February 2019 **Porting of the GarminCustomMap plugin for QGIS 3**  
Norwegian Polar Institute
- November 2018 **Advanced training of QGIS**  
Regione Friuli Venezia Giulia
- November 2018 **Advanced training on GFOSS tools (PostgreSQL, PostGIS, GDAL, PyQGIS)**  
Leithà - Unipol
- November 2018 **Porting of the 3 plugin for QGIS 3**  
Agenzia Regionale per la Protezione Ambientale del Piemonte
- October 2018 – April 2019 **QGIS plugin to implement the biodiversity MedSens index**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA
- October 2018 **Analysis with QGIS 3 course**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA
- October 2018 **pyqgis (QGIS3) script development to extract visible area from a terrain model**  
Lepida S.p.A.
- September 2018 **Advanced training of QGIS**  
Regione Friuli Venezia Giulia
- August 2018 **3D development for QGIS 3**  
Politecnico di Torino - Dipartimento di Ingegneria dell'Ambiente, del Territorio e delle Infrastrutture (DIATI)

- June 2018 **Course of Python and QGIS: pyqgis and plugin**
- May 2018 **Bug fixing of QProto script for QGIS 2 and porting of the script as a standalone plugin for QGIS 3**  
Politecnico di Torino - Dipartimento di Ingegneria Strutturale, Edile e Geotecnica
- May 2018 **QGIS training course for Sierra Leone Water Company**  
Hydro Nova LCC
- May 2018 **GIS Analysis Training Course with QGIS, Pontedera, Italy**
- February 2018 **Update to QGIS 3 training, Pontedera, Italy**
- February 2018 **GIS cartography Training Course with QGIS, Pontedera, Italy**
- January 2018 **Training for raster data in QGIS**  
Regione Piemonte
- November 2017 **Introduction in QGIS training, PostGIS and WebGIS**  
EAmbiente
- November 2017 **Advanced QGIS analysis training and introduction to plugin scripting**  
Lepida S.p.A.
- October 2017 **GIS Analysis Training Course with QGIS, Pontedera, Italy**
- October 2017 – October 2018 **Development of core components for QGIS 3**  
Agenzia Regionale per la Protezione Ambientale del Piemonte
- October 2017 **Course on Analysis with QGIS**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA
- October 2017 **Raster data consultancy, resizing and resampling**  
Ing. Carlo Grassi
- April 2017 – April 2018 **Processing documentation enhancements funded as a Grant Proposal**  
QGIS.ORG International Association
- December 2016 – February 2017 **Automatic test creation for Processing plugin in QGIS**  
Gruppo Utenti Italiani di QGIS
- October 2016 **Analysis with QGIS course**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA
- October 2015 **Analysis with QGIS course**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA

June 2015 – September 2017 **FREEWAT plugin development for QGIS**  
Scuola Superiore Sant’Anna

March 2015 **Geochemical data analysis: statistical analysis and map production**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA

October 2014 **Analysis with QGIS course**  
Università di Bologna, Dipartimento Scienze Biologiche, Geologiche e Ambientali - BiGeA

November 2013 – January 2014 **Customization of QGIS as a Health mapping tool**  
World Health Organization

**PERSONAL SKILLS**

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	C1	C1	C1	C1	C1
German	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

**SEMINARS & CONFERENCES**

- 2020 Participation in 5th Italian QGIS Hackfest in Turin
- 2020 Participation at the Italian FOSS4G with the talk: "DataPlotly: grafici interattivi e dinamici, un esempio di successo di crowdfunding"
- 2019 Florence QGIS Day organization
- 2019 Talk during the conference of the DESK project
- 2019 Participation at QGIS Summer Camp
- 2019 Talk "QGIS, a perspective" during the Time in Space conference (Pisa)
- 2019 Participation in QGIS HackFest XXI (A Coruña, Spain)
- 2019 Talk "D3 Plots With DataPlotly Plugin for QGIS" during the international QGIS user conference
- 2019 Participation in 4th Italian QGIS hackfest. Padova (Italy)
- 2019 Talk on "The development of QGIS, who pays?" at FOSS4G-IT 2019 - Padova
- 2018 Participation in 3rd Italian QGIS hackfest. Viterbo (Italy)
- 2018 Participation at INPUT 2018 conference with two talks. Viterbo (Italy)
- 2018 Participation in QGIS hackfest XX (Stone Town, Zanzibar, Tanzania)

- 2018 Workshop "PyQGIS and QGIS 3" at the meeting GIT 2018 - Sarzana
- 2018 Participation in QGIS hackfest XIX (Funchal, Madeira, Portugal)
- 2018 Talk on "QGIS 3: news and development" at FOSS4G-IT 2018. Rome (Italy)
- 2018 Workshop "Introduction to QGIS3" at the meeting FOSS4G-IT 2018. Rome (Italy)
- 2017 Participation in 2nd Italian QGIS hackfest (Padova)
- 2017 Participation in QGIS hackfest XVIII (Nodebo, Denmark)
- 2017 Participation in 1st Italian QGIS hackfest. Bologna (Italy)
- 2017 Talk on "Il plugin FREEWAT per QGIS per la gestione sostenibile delle risorse idriche superficiali e sotterranee" at FOSS4G-IT 2017 - Genova
- 2015 Participation in QGIS hackfest XIII (Nodebo, Denmark)
- 2014 Matteo Ghetta, Paolo Cavallini - "New translation infrastructure for QGIS: Transifex" at GFOSS Day 2014, Ancona (Italy)
- 2014 Participation in QGIS hackfest XII (Essen, Germany)
- 2013 Matteo Ghetta, Paolo Cavallini - "Help yourself: modi alternativi per contribuire a QGIS" at GFOSS Day 2013, Bologna (Italy)
- 2013 Participation in QGIS hackfest X (Brighton, UK)

#### SCIENTIFIC PUBLICATIONS

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**Borsi I., Rossetto R., Cannata M., De Filippis G., and Ghetta M.** 2016 Open Source for Water Management: including capabilities of MODFLOW-OWHM in the FREEWAT GIS modelling environment *PeerJ Preprints*

#### POPULAR AND TECHNICAL PAPERS

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**Turicchia, E., Cerrano, C., Ghetta, M., Abbiati, M., Ponti, M.** 2018 From collecting data to the development of marine environmental status monitoring tools: The new level of Citizen Science *53rd European Marine Biology Symposium*

**De Filippis, G., Borsi, I., Ghetta, M., & Rossetto, R.** 2017 The FREEWAT platform for the assessment of water availability and quality *Acque Sotterranee-Italian Journal of Groundwater*, 6(3)

#### CONFERENCE ABSTRACTS

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**De Filippis G., Rizzo D., Triana F., Ghetta M., Borsi I., Bonari E., and R. Rossetto** 2016 ICT tools for enhancing sustainable water management in rural environment *European Society for Agronomy (ESA), Edinburgh*

**De Filippis G., Triana F., Ghetta M., Borsi I., Bonari E., and R. Rossetto** 2016 Enhancing water resource management in rural areas by means of simulation tools *43rd IAH CONGRESS, Montpellier*

**Šimek J., Boukalová Z., Rossetto R., Sabbatini T., Triana F., Ghetta M., Bonari E. De Filippis G., Borsi I., Foglia L., and M. Cannata** 2016 Enhancing participatory approach in water resources management: development of a survey to evaluate stakeholders needs and priorities related to software capabilities *AGU Fall Meeting 2016, San Francisco*

## PROFESSIONAL AFFILIATIONS

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- 2019 - 2020 QGIS coordinator of the documentation team
  - 2016 - 2020 Co-Founder of the Italian QGIS User Group
  - 2014 - 2020 GFOSS.it - Associazione Italiana per l'Informazione Geografica Libera - Geographic Free/Open-Source Software. Socio