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## Education

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2016 to currently: **PhD student**

Department of Earth and Environmental Sciences, University of Pavia (Italy)

Department of Environmental Sciences, University of Girona (Spain)

Thesis: *Socio-hydrogeological assessment of groundwater nitrate contamination in the northern Lombardy plain (Italy)*

Advisors: Prof. Elisa Sacchi (University of Pavia), Prof. Josep Mas Pla (University of Girona)

Co-advisor: Dr. Viviana Re (University of Pavia)

2014: **MSc in Natural Sciences** (110/110 lode)

Department of Earth and Environmental Sciences, University of Pavia (Italy)

Thesis: *The use of focal species in designing an Ecological Network in a lowland area (Province of Pavia, northern Italy)*

Advisors: Dr. Alberto Meriggi (University of Pavia)

Co-advisor: Dr. Gianpasquale Chiatante (University of Pavia)

2012: **BSc in Biology** (107/110)

Department of Environmental biology at University of Rome "La Sapienza" (Italy)

Thesis: *Multiscale biodiversity analysis in agricultural landscapes along an urban-rural gradient*

Advisors: Prof. Carlo Blasi (University of Rome "La Sapienza")

Co-advisors: Dr. Giulia Capotorti, Dr. Laura Zattero (University of Rome "La Sapienza")

2008-2009: **Erasmus studio** at University of Navarra

Attendance of first semester and exams in Anatomía comparada, Biología vegetal aplicada, Español

## Trainings and work experience

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June-September 2015, Research assistant at University of Pavia

*Entomological monitoring of woodland and agricultural areas in the Po plain lowland*

January-May 2015, Erasmus Traineeship at University of Navarra

*The ecological connectivity in landscape planning: the case of Spain*

## Conferences and congresses: communications and posters

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**Musacchio A.**, Re V., Delconte C.A., Racchetti E., Soana E., Balestrini R., Bartoli M., Viaroli P., Sacchi E., 2017  
Squaring the cycle: the integration of groundwater processes in nutrient budgets for a basin-oriented remediation strategy (oral presentation)

Flowpath - National Meeting on Hydrogeology (Italy)

**Musacchio A.**, Re V., Sacchi E., 2017

*Social network analysis and environmental management: the case of groundwater contamination in the Lombardy plain* (poster)

ARS'17 – International Workshop on Social Network Analysis (Italy)

**Musacchio A.**, Porro Z., Chiatante G., Meriggi A., 2015

*Habitat suitability in a fragmented landscape: the case of three woodpecker species* (poster)

Student Conference on Conservation Science, Cambridge (UK)

Porro Z., **Musacchio A.**, Chiatante G., Meriggi A., 2015

*Woodpeckers as Focal Species for an Ecological Network Design in the Po Plain, Northern Italy* European (poster)

Ornithologists' Union Conference, Badajoz (Spain)

Bazzocchi A., Porro Z., Chiatante G., **Musacchio A.**, Bovo K.S., Meriggi A., 2015

*Esigenze ambientali dei picchi in un'area ad elevata frammentazione della Pianura Padana* (poster)

Convegno Italiano di Ornitologia, Caramanico Terme (Italy)

## Workshops and courses

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*Corso di primo livello per determinatori di artropodi (Carabidi, Stafilinidi, Ortoteri)*

Tassonomia, metodi di raccolta e di preparazione

Parco Nazionale Gran Paradiso, Università degli Studi di Pavia, Wildlife Science

April 2016

*Environmental ethics. Ethics dimensions in human-nature relationship*

Universidad de Alcalá

July 2016

*Tassonomia dei micromammiferi italiani*

Tassonomia, genetica, citogenetica, morfometria, cattura, preparazione

Associazione Nazionale Musei Scientifici

September 2014

*Ecological networks, landscapes planning and biodiversity conservation*

Lipu - Italian Association for Birds Protection, in collaboration with

Association of Agronomists and Forest managers of Padua Province

February 2014

*International Postgraduate course "Vegetation and Landscape of the Iberian Peninsula"*

University of the Basque Country (UPV/EHU), Prof. Javier Loidi

May 2013

## Other activities

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Report: *Verso la nuova politica agricola comunitaria - Interventi prioritari per la conservazione, lo studio e il monitoraggio della biodiversità negli ambienti agricoli del Parco del Ticino. Relazione finale (gennaio 2014 - novembre 2016)* - Elisa Cardarelli, Francesca Della Rocca e Giuseppe Bogliani, in collaboration with Silvia Stefanelli e Arianna Musacchio

*Storia di una farfalla e della formica che le permise di volare. Studio di Maculinea alcon nel Parco delle Groane*, March 2016 (oral presentation)

Event promoter: Associazione pavese per lo studio e la conservazione delle farfalle IOLAS