

ANTONELLA DI ROMA



Born in Taranto il 15/08/1985

E-mail Antonella.diroma@unife.it

Cell number: 3208594752

Adress: Via Borgo dei Leoni 70, Ferrara.

Recidence adress: Via Gramsci 10, Crispiano (Ta)

Education

PhD in Earth Sciences (2014-2016) in Department of Physics and Earth Sciences , University of Ferrara.
Thesis: Hydrogeochemical investigations for aquifers characterization and proposal of a new transmission protocol for thechemical and physicalmonitoring. Scientific sector GEO/09

14 December 2012 Master Degree in Earth Sciences LM74 SCIENCE AND GEOLOGICAL TECHNOLOGY (DM: 270/04) , curriculum: Petrology and Mineralogy for industry, environment and cultural heritage.

Thesis: Microclimate Characterization and geochemistry of water resources in the Copparo (Ferrara), vote 109/110.

16 October 2009 Bachelor in Technologies for Cultural Heritage L43 - CLASS OF DEGREES: TECHNOLOGY FOR THE PRESERVATION AND RESTORATION OF CULTURAL PROPERTY, curriculum: Diagnostics of modern and contemporary art.

Thesis: Archeometric analysis on the wooden alterprice in the the monastery of St. Anthony in Polesine (Ferrara)

Period of the research activities conducted abroad

1 February – 10 July 2016 Period of research in Department of Sciences, University of Lisbon.

1 March – 31 July 2016 Period of research in Darmstadt, Assia, Germany.

8-10 October 2014 Summer school in Lisbon regarding Hydrogeology and managed Aquifer Recharge.

Scholarships

- 1) Grant for Doctoral
- 2) Winner “young researchers 2016”
- 3) Scholarship of 8 months of research in Department of Physics and Earth Sciences in University of Ferrara.
Topic of research: statistical innovative method for geochemical interpretation of groundwater resources

Training schools and summer school for doctoral

- 22 September 2016 RemTech Conference: Technologies of contaminated land reclamation.
- 23-27 May 2016 Intensive Course: CoSuS - Communicating Sustainability. Strategies, Policies and Models of Behaviour. Iuss, Ferrara.
- 22 January 2016. Bologna. National Seminar: Groundwater in Emilia Romagna. environmental context, monitoring networks, planning policies.
- 19-21 January 2016 Doctoral School in Science and Innovative Technologies. University of Turin.
- 16-18 November 2015 Cycle of seminars ON "ADVANCED COMPUTER" Teachers: Giancarlo CIOTOLI Institute of Environmental Geology and Geoengineering. University of Ferrara
- 16-18 March 2015. Course: Tracer Techniques, Prof. Dr. Christoph Külls, Lübeck University of Applied Sciences. TropHEE 3rd semester. Technical University of Darmstadt.
- 4-6 March 2015 Course: Isotope Hydrology and Dating, Dr. Paul Königer from BGR, Hannover. TropHEE 3rd semester, Master Angew. Geowiss. Technical University of Darmstadt.
- 02 March 2015 Short course: Waste Disposal, Dr. Karl Ernst Roehl. TropHEE 3rd Semester. Technical University of Darmstadt.
- 25 February, 27 February 2015 Course Salinization of Groundwater, Dr. Andreas Kallioras from NTUA Athens, Greece. TropHEE 3rd Semester. Technical University of Darmstadt.
- 9-12 December 2014. Course Geospatial Analysis of Environmental Data held by Prof. G. Ciotoli (IGAG-CNR)
- 7-11 October 2014 Summer school WARBO: Hidrogeology and managed aquifer recharge (Lisbona)
- 19 September 2014 RemTech Cloud Platform and smart underground imaging for natural risk assessment
- 18 September 2014 RemTech: Conference on Life WARBO Project
- 9 September 2014 Seminar: Three whales on which the time domain electromagnetic sounding is based induction, polarization and superparamagnetic effects. Valeria Hailbauer Zadorozhnaya of Council of geosciences. Department of Physics and Earth Sciences, University of Ferrara.
- 9 September 2014 Seminar: Different mechanism of induced polarization occurring in rocks. . Valeria Hailbauer Zadorozhnaya of Council of geosciences. Department of Physics and Earth Sciences, University of Ferrara.
- 5 June 2014 Workshop remote sensing, ENEA. Aurum, Pescara.
- 24 February-15 June. Course remote sensing and GIS, Prof. Gabriele Bitelli, University of Bologna.
- 27 March 2014 Effect of superstorm sandy on the Mid-Atlantic US coast, Prof.ssa Nancy Jackson. Department of Physics and Earth Sciences, University of Ferrara.
- 27 March 2014 Seminar. Decaffeinated magmas at Mount Etna: The healthy solution for an exciting problem, Prof. Carmelo Ferlito. Department of Physics and Earth Sciences, Ferrara.

4 March 2014 Seminar. Arsenic in groundwater of the Veneta plain. Institute of geosciences and earth resources of Padua. Dr Fabio Tateo (CNR-IGG)

16 January 2014 Seminar. Potential and applications of geothermal energy for use and rights, Institute of Geosciences and Earth Resources, National Research Council, University of Padua. Bruno Della Vedova, DIA.

5-12-19-26 February 2014 Course: Research management, knowledge of research systems and financing systems. IUSS Ferrara, Italy

October 2013 Online course: "The geological report, the geotechnical report and the report on RSL according to the NTC and the explanatory circular n.617 / 2009: legal requirements, critical issues and cases real.

October 2013 Frequency seminar 5 hours: The geophysical surveys for site characterization. Course organized by AGI (Association geotechnical), High school and Emilia Romagna. Bologna.

September 2013 Intensive course entitled "Master Project Planning" in four modules for a total of 31 hours Organized by Innovation EUROPE. Thematic workshop title Focus "Europe 2020". The new programming of European Funds 2014/2020 a single module of 8 hours. Organized by Innovation EUROPE.

September 2013 Summer School: Innovative technologies for the sustainable management and pollution reduction of water resource. University of Ferrara for IUSS PhD

Conferences at scientific meetings

17 November 2016 Conference: The experience of the Project LIFE RII: objectives and results- Room "20 May 2012"- Emilia-Romagna, Bologna. The WARBO Project in the development of best practice and requirements of D.M. n. 100/2016 Carmela Vaccaro Salvatore Pepi, Antonella Di Roma, Department of Physics and Earth Sciences, Unife

13 September. Poster session during the conference : "Bonifica dell'area Vasta di Taranto", intervent plan. Smart sensor systems for continuous and real time monitoring of different environmental matrixes: soil, water and air A.Di Roma; G.Farneti; C.Vaccaro

21 March 2016 World water day 2016, Congress: Anthropic pollution of water and soil in Italy. Poster session: "Geochemical characterization of the water resources of the province of Ferrara and new management methods." A.Di Roma, S.Pepi, C.Vaccaro, A. Marandi.

28 October 2015 Seminar Zeolife. Presentation: Good practice of management of groundwater, artificial recharge, the experience of WARBO project.

20 October 201 Conferences: Workshop "BEST PRACTICE for groundwater resources" EXPO Venice. WARBO (LIFE10 ENV / IT / 000394) - "Reload artificial and climate resilience: The contribution of LIFE projects WARBO application of EC 2000/60" Directive.

Dissemination

Night of Research UNIFE 2014 presentation experiments in Piazza Municipio Ferrara.

September 2015 Unifestival presentation experiments Radon in Piazza Trento Trieste Ferrara.

October 2014-2015-2015 "Doors open to the scientific center" Student Guide

Participation in European projects

Warbo WATER RE-BORN - Artificial Recharge Innovative Technologies for the Sustainable Management of Water Resources.

1-4 July 2014 Participation in field trips as part of European projects Italy-Slovenia

Monitoring campaigns

2017 Groundwater monitoring in Friuli area in collaboration with LTA (water Tagliamento)

2014-2016 Monitoring campaign in the province of Ferrara for the PhD project

Monitoring campaigns for WARBO project and chemical analysis.

Scientific Publications

2016 Extended abstract: "Geochemical characterization of the water resources of the province of Ferrara and new management methods." A. Di Roma, S. Pepi, C. Vaccaro, A. Marandi World water day 2016. Accademia dei Lincei, Roma.

2013 Abstracts "Isotopic composition of precipitation in Ferrara Province". Marchina C., Vaccaro C. M. Fazzini, Fazzini M, Di Roma A., G. Bianchini Goldschmidt2013 Conference

2010 Contribution in proceedings of "The wooden altarpiece of chapter hall of the St. Antonio in Polesine Monastery in Ferrara." A. Di Roma, S. Brown, M. Leis, E. Lo Presti, E. morocco, C. Vaccaro (2010) .In: SIMP 89th Meeting. The evolution of the Earth System from atoms to volcanoes. Programme and Book of Abstracts. p. 283, Mediaprintsrsl, Ferrara.

2009 Article "Analysis of wooden archaeometricsull'ancona Chapter House of the monastery of St. Anthony in Polesine (Ferrara)". M.Leis, E.Lopresti, S.Bruni, E.Marocchino, A.Di Rome, C.Vaccaro. Published in: Skills and tools for cultural heritage, the case of the territory of Ferrara.

Internships and workexperience

June 2013-September 2013 Research as a student guest post-graduation held at the Department of Physics and Earth Sciences of the University of Ferrara.

March - May 2011 internship at Geotema SrL of 225 hours. Ferrara. Participation in the initial phase of the project BiodiNet, for the maintenance of species and ecosystems native and typical of the area .

February-May 2009 Internship of 150 hours at ENEA Bologna, home Arcoveggio, Bologna. Experimental work carried out at the Laboratory of Electron Microscopy SEM directed by Dr. StefaniaBruni.

1 October to 15 December 2011 University Part time "150 hours" Secretary of the Mathematics Department with administrative duties.

1 September to 14 December 2010 University Part time "150 hours" at Department of Natural Sciences Scientific center technology

Language course

2014: English course in IUSS Ferrara.

March 2015-July 2015: Deutech course with attainment of A1 level

MOTHER TONGUE Italian
OTHER LANGUAGE English

- Reading skills GOOD
- Writing skills GOOD
- Verbal skills

Technical skills and competences. USE OF COMPUTER GOOD USE OF EXCELLENT PACKAGE OFFICE, Software for data analysis: AqQA chem, Voxler, Surfer 8, Origin, STATISTICA, Phreeqc. ArcGIS.

"I authorize the processing of my personal data, pursuant to Legislative Decree. 196 of 30 June 2003

19/09/2017

