PERSONAL INFORMATION

Federico Floreani

Sex M | Date of Birth 30/12/1992 | Nationality: Italian

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PROFESSIONAL AND TRAINING EXPERIENCE

November 2019-currently	PhD student in Ambiente e Vita (XXXV cycle) – University of Trieste and University of Udine (Italy) PhD research project: "*Mercury cycle and transformations at soil-water-air interfaces in a contaminated regional context*".
January-October 2019	Employee at G.A.I.A. di Ruffini Stefano laboratory (Accredia n. 1401) – Povoletto (UD) Sampling organization and sampling plans drafting. Sampling of soils, discharge waters, solid and liquid wastes and stationary source emissions and workplace air monitoring. Gravimetric determination of mass concentration of dust in stationary source emissions (UNI EN 13284:2017 pt. 8). Customer contacts management
July 2018-January 2019	Post-lauream training at G.A.I.A. di Ruffini Stefano laboratory (Accredia n. 1401) – Povoletto (UD) Spectrophotometric determination procedure for ammoniacal nitrogen, total nitrogen, phosphorus, surfactants in discharge waters and wastes. Determination of COD through potentiometric titration method in discharge water and liquid waste samples. Determination of calorific value through bomb calorimetric method in solid waste samples. Soil and waste samples mineralization procedure for heavy metals determination thourgh ICP-AES. Sampling of soils, discharge waters, solid and liquid wastes, stationary source emissions.
July-October 2017	Training at Department of Mathematics and Geosciences – University of Trieste (Italy). Activities: sediment samples preparation for grain-size analysis; determination of mercury concentration in sediments through spectrophotometric technique using the *Direct Mercury Analyzer* DMA-80 Milestone; procedure for mercury speciation in sediments through pyrolysis.
May–July 2015	Collaboration at former Department of Agricultural and Environmental Sciences – University of Udine (Italy). Activities: CO_2 and CH_4 determination in gaseous samples through gas chromatography; procedure for determination of soil biomass through the chloroform fumigation technique; Seawater Total Organic Carbon (TOC) determination through catalytic oxidation.
November – December	Training at former Department of Agricultural and Environmental Sciences – University of

2014	Udine (Italy). Activities: sampling, treatment and analysis of edaphic matrices (humidity, pH, texture); soil samples preparation procedure for determination of total nitrogen and organic carbon content; field measurement of acid volatile sulfide (AVS) in sediments; procedure for spectrophotometric determination of acid and alkaline activity in soil samples.
September 2008 – May 2010	Volunteering at Municipal Library *Cora Slocomb Savorgnan di Brazzà* – Moruzzo (UD)

EDUCATION

March 2018	Master's degree in "Sciences and Technology for the Environment and the Territory – University of Udine and University of Trieste – final mark: 110/110 *cum laude*. Thesis in environmental geochemistry: "*Gaseous elemental mercury concentration and diurnal evasion fluxes at water-air interface in coastal environments of the Northern Adriatic Sea*" – supervisor: Prof. Stefano Covelli.
April 2015	Bachelor's degree in "Sciences for Environment and Nature" – University of Udine (Italy) – final mark: 110/110 *cum laude*. Thesis in soil chemistry and pedology: "*Limonium* (Limonium narbonense Mill.) *residues decomposition in saltmarshes soils: a mesocosm study*" – supervisor: Prof.ssa Maria De Nobili.
July 2011	Scientifc high school diploma – High School Institute Giovanni Marinelli of Udine (Italy) – final mark: 90/100.

PERSONAL SKILLS

MOTHER TONGUE	Italian
OTHER LANGUAGE	English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

COMMUNICATION SKILLS	Good ability of listening and learning strengthened during training periods in university. During my work period in a private laboratory I achieved a good ability in understanding and satisfy customer's requests. During my volunteering period in library I had the opportunity to obtain a fair skill in sciences communication to children.
ORGANIZATIONAL AND MANAGERIAL SKILLS	Strong teamwork and time organization ability. During my work period I achieved a good attitude in managing important workloads divided in different tasks.
PROFESSIONAL SKILLS	During university studies and training periods I achieved a good knowledge of different analytical techniques and discovered a good inclination for rapid learning of new analytical methods for environmental analysis, evaluating the advantages and disadvantages in their application. During my work period in a private laboratory I achieved a good knowledge of Italian environmental legislation (Italian Legislative Decree n. 152/2006) and waste and byproducts

	management (Italian Decree 05/02/1998, Ministerial Decree 27/10/2010, DPR 120/2017).
DIGITAL SKILLS	Good ability in using computer and digital technology in general. Programs: Word, Excel, PowerPoint, Aquachem, R, Past, QGIS, ArcGIS, Google EarthEngine.
DRIVING LICENCE	Driving licence B Car owner

PUBBLICATIONS

Scientific articles	Floreani F., Acquavita A., Petranich E., Covelli S., 2019. *Diurnal fluxes of gaseous elemental mercury from the water-air interface in coastal environments of the northern Adriatic Sea*. Science of the Total Environment, 668, 925-935. O'Driscoll N.J., Covelli S., Petranich E., Floreani F., Klapstein S., Acquavita A., 2019. *Dissolved gaseous mercury production at a marine aquaculture site in the mercury contaminated Marano and Grado Lagoon, Italy*. Bulletin of Environmental Contamination and Toxicology, 1-7.
Proceedings	Pellegrini E., Floreani F., Contin M., De Nobili M., 2015. *Methane and carbon dioxide fluxes from Limoniun decomposition residues in saltmarsh soils: effects of tide regime*. EQA – International Journal of Environmental Quality, 18, 21-28.
Poster presentation	O'Driscoll N.J., Covelli S., Petranich E., Floreani F., Acquavita A., 2019. *Temporal changes in dissolved elemental mercury at a coastal aquaculture site in the Grado Lagoon, northern Italy*. SETAC Europe 29th Annual meeting, Helsinki (Finland), 26-30 May 2019. Covelli S., Acquavita A., Floreani F., Petranich E., Pavoni E., 2018. *Gaseous elemental mercury concentrations and diurnal evasion fluxes from the water-air interface in the coastal environments of the North Adriatic Sea*. SETAC Europe 28th annual meeting, Rome. (Italy), 13-17 May 2018. Pellegrini, E., Floreani, F., Contin, M., De Nobili, M., 2015. *Methane and carbon dioxide fluxes from Limoniun decomposition residues in saltmarsh soils: effects of tide regime*. International Conference: Plant-Soil-Water interfaces in riverine, hydromorphic-subaqueous ecosystems, Imola (Italy), 23-25 June 2015.

COURSES AND SEMINARS

July 2019 Pasian di Prato (UD)	Course: "Fire prevention in activities at low fire risk" (ENAIP FVG).
July 2019 Pasian di Prato (UD)	Course: "General training of workers for low, medium and high risk classes" (ENAIP FVG).

3 May 2019 Udine	Course: “Waste sampling and classification. UNI 10802:2013 e UNI TR 11682:2017” (Eco Utility Company).
20 June 2016 Udine	Seminar: “Chernobyl: 30 years of monitoring and studies in Friuli Venezia Giulia” (ARPA FVG).
23-25 June 2015 Imola (BO)	International Conference: “Plant-Soil-Water interfaces in riverine hydromorphic-subaqueous ecosystems” (GEOLAB).

I authorize the use of my personal data, according to the Legislative Decree 30 June 2003, n. 196 “Codice in materia di protezione dei dati personali”.

Place and date, Moruzzo, 06/11/2019

Federico Floreani