

## Granetto Monica



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Data di nascita 04/08/1994 | Nazionalità Italiana

### WORK EXPERIENCE

01/11/2018 – present

#### Research Fellow

Politecnico di Torino – DIATI Dipartimento di Ingegneria dell'Ambiente, del Territorio e delle Infrastrutture

Research activities, synthesis of nanoparticles and study of their transport in soil and water, field tests and modeling of results (NANOGRASS project, co-financed by Compagnia di Sanpaolo). Support for the design of remediation works on contaminated sites.

01/10/2017–31/01/2018

#### Part-time student collaboration

Politecnico di Torino

Duration of the collaboration: 90 hours

Classroom teaching assistance, preparation of teaching material for exercises

### EDUCATION

26/08/2016 – 18/09/2018

#### Master's degree in Environmental and Land Engineering

Politecnico di Torino

Thesis: A novel herbicide formulation to reduce the environmental impact of agrochemicals

Score 110/110

19/07/2013 – 25/07/2016

#### Degree in Environmental and Land Engineering

Politecnico di Torino

Thesis: Studio della relazione sorgente-recettore con metodi di analisi multivariata

Score 108/110

### TRAINING

08/11/2019

#### Training day at the conference 'Alla scoperta degli impianti di perforazione'

Conference on rock and soil drilling techniques and technologies

Associazione Acque Sotterranee

Piacenza Expo

25/03/2019 – 27/03/2019

#### Course 'Hydrus short course and workshop. Advanced modelling of water flow and contaminant transport in porous media using the Hydrus and HPx software packages'

Praga – Faculty of Agrobiological Sciences, Food and Natural Resources

30/11/2018

#### Course on the use of the G.P.S. to search for missing people

Fossano – Coordinamento territoriale di protezione civile

24/11/2017

#### Course 'Sensibilizzazione alla gestione di situazioni di rischio per volontari della protezione

**civile del Piemonte'**

Collegio provinciale geometri e geometri laureati di Asti - C.so Pietro Chiesa 17/B Asti  
 General training of workers pursuant to Art. 37 Legislative Decree April 9, 2008, n.81 - State-Regions Agreement 21/12/2011, lasting 4 hours  
 Issuance of certificate of attendance and profit which constitutes permanent formative credit

Marzo 2017 - Giugno 2017

**Course Valutazione e gestione del rischio nell'industria e nei cantieri**

Politecnico di Torino  
 Professional requirement to be able to operate as Design Coordinator and Execution Coordinator pursuant to art. 98 Legislative Decree 9-4-08 n.81 and as amended

05/12/2016

**Authorization for the purchase and use of plant protection products**

Regione Piemonte – Direzione Agricoltura  
 Certificate of qualification for the purchase and use of plant protection products, Professional user, pursuant to Legislative Decree n. 150 of 14/08/2012

**COMPETENZE PERSONALI**

Mother tongue Italian

Other languages

	COMPRENSION		SPEAKING		WRITING
	LEASTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
English	B2	B2	B2	B2	B2
	First Certificate in English - Pass with C Preliminary English Test - Pass with Merit				
French	A2	A2	A2	A2	A2

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato  
 Quadro Comune Europeo di Riferimento delle Lingue

Communication skills Good communication and relationship skills developed both in the university and in the workplace.

Organization and management skills Good skills in organizing their work independently following the laboratory activity carried out for the preparation of the master's thesis for a period of 6 months and the continuation of this activity as a research fellow. In the same context, development of a proactive, proactive and critical attitude. Leadership skills and ability to evaluate and support the work of other people, having followed 3 undergraduates in the preparation of their master's degree theses in the last year .

Digital skills

SELF EVALUATION				
Data processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Base user	Independent user	Base user

Competenze digitali - Scheda per l'autovalutazione

**European driving license for the use of the ECDL computer**

- Knowledge of Windows 8 and Windows 10 operating systems
- Good command of the office suite (text processor, spreadsheet, presentation software): excellent knowledge of the Microsoft Office package
- Good knowledge of AutoCAD 2D and basic knowledge of AutoCAD in 3D
- Basic knowledge of data modeling and interpretation software in the environmental field: VisualModflow, AQTESOLV, Risc5, RiskNet, ENVI5
- Good knowledge of flow modeling and solute and nanoparticle transport software in environments such as MNMs, Hydrus 1D and Hydrus 3D
- Good knowledge of Matlab
- Basic knowledge of the programming language C

**OTHER INFORMATION**

- February 2020 Article 'Dispersione di prodotti fitosanitari: confronto tra formulazioni convenzionali e nano-supportate' presented at the SiCon 2020 Congress - Rome, from 12 to 14 February 2020
- September 2019 Participation in the Remtech conference in Ferrara, from 16 to 18 September 2019.
- September 2019 Participation in the 'XVI Symposium in pesticide chemistry – Advances in Risk Assessment and Management' in Piacenza, from 3 to 5 September 2019. Participation with poster presentation 'Assessment of environmental fate of novel clay-based herbicide formulations'
- July 2019 Participation in conference 'Euroclay 2019 – International conference on clay science and technology' presso Parigi, from 2 to 5 July 2019. Participation with poster presentation 'Assessment of reduced environmental impact of a novel clay-based formulation: release and volatilization test' and oral presentation 'Assessment of reduced environmental impact of novel clay-based herbicide formulation through saturated and unsaturated column tests and volatilization quantification'
- May 2019 Filing of patent application No. 102019000006852 with the title "Environmentally friendly formulation to reduce volatility and pest washing" as an inventor.
- 2013-present Voluntary work in the civil protection group of the municipality of Cavallerleone, with field exercises on the operation of tools and vehicles (water pumps, light tower etc.) and for the cleaning of canals. Emergency support in case of flood events or adverse climatic events.
- Driving license B
- Personal data authorization I authorize the processing of personal data contained in my curriculum vitae based on art. 13 of Legislative Decree 196/2003 and all ' 13 of EU Regulation 2016/679 relating to the protection of individuals with regard to the processing of personal data.
- Data 16/06/2020
- Firma 