



# FEDERICO SPIZZO

Ph.D Student in  
Environmental and  
Energy Engineering  
Science

## PERSONAL PROFILE

I am a Ph.D student interested and specialized in the resilience and vulnerability assessment of the water distribution network

## AWARDS AND ACHIEVEMENTS

- Best first year student in civil engineering (2015)

## CONTACT INFORMATION

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Indirizzo: via Trento, 12/B - Treppo Grande

## WORK EXPERIENCE

### Università degli Studi di Udine

Ph.D Student in Environmental and Energy Engineering Science  
XXXVI cycle (2021 - present)

- Water distribution network hydraulic modelling
- Assessing vulnerability and resilience of water distribution network
- Water distribution network partitioning

### Assistant engineer

Studio Aprilis, Pordenone (2020)

- Drafting of the condition sheet of the crossing on the Isonzo river in Gorizia.
- Hydrological and hydraulic studies

## ACADEMIC PROFILE

### Università degli Studi di Udine

Master's degree in Engineering for the Environment and the Territory (2020)

- Final mark: 110/110 (with honors)
- Member, Volleyball team

### Università degli Studi di Udine

Bachelor's degree in Civil Engineering (2017)

- Final mark: 101/110
- Member, Volleyball team

## PREVIOUS EDUCATION

### Liceo Scientifico Luigi Magrini

Graduated class of 2014

- Final mark 96/100
- Member, Volleyball team

## PERSONAL SKILLS

- Excellent management skills
- Very good leadership skills
- Excellent communication and relational skills

## LANGUAGE SKILLS

- Italian: Mother tongue
- English: First Certificate - Cambridge Assessment, 2013

## COMPUTER SKILLS

- Microsoft Office Programs
- AutoCAD
- QGis
- MatLab
- R
- GAMS
- EPANET
- HEC-RAS

## SCIENTIFIC PUBLICATIONS

- F. Spizzo, M. Nicolini. "La pianificazione degli interventi nell'ambito orientale goriziano di Irisacqua", Rassegna Tecnica del Friuli Venezia Giulia, 2021