

AQUALity Project Marie Skłodowska-Curie Action Innovative Training Network

“EU versus Italian water management”

Date: 18th January 2021

Venue: held remotely

SMAT S.p.A. Società Metropolitana delle Acque Torino the Company in charge of the management of the water cycle in the Metropolitan area of Torino (Piedmont-Italy) organises the Workshop “EU versus Italian water management” in the context of the European Marie Curie ITN project Aquality. The workshop is designed for graduate and PhD students, post-doctorates and any scientists willing to acquire knowledge in the water management in light of the future perspectives and challenges. This workshop due to COVID19, will be held in the form of a webinar.

BACKGROUND

The EU Commission has made water protection one of the priorities of its work and through the EU WFD promotes technology-oriented management for drinking water and sanitation to ensuring good quality of water. Major challenges on water supply and sanitation are connected with modern pressures to the system such as climate change, demographic developments, urbanization, economic progress, social changes which influence the water sector in many ways. The existing and foreseen problems concern: the lack of investments, the limited availability of water resources both in terms of quantity and quality, and the energy consumption. The nexus between water and energy is one of the most pressing and important issues that must be resolved by both current and future generations. The webinar will draw the attention on the future goals that a water company like SMAT has to pursue to manage the most important of the natural resources in an innovative and sustainable way.



PROGRAM

9,00-9,30 *"Evolution of EU regulation: implementation in the field of water intended for human consumption"* – Dr. **Rita Binetti**

9,30-10,00 *"Geochemical, geostatistical and time series analysis techniques as a tool to achieve the Water Framework Directive goals for groundwater resources protection"* - Dr. **Elisa Brussolo**

10,00-10,30 *"From monitoring to risk assessment and management: the water safety plan approach"* – Ing. **Sara Steffenino**

10,30-11,00 *"Tackle the water leakage problem: real time network control and emerging technologies"* – Ing. **Marco Scibetta**

Break

11,15- 11,45 *"EU regulation in Wastewater sector and its application in SMAT"*- Dr. **Eugenio Lorenzi**

11,45- 12,15 *"Circular Economy: energy and water nexus - SMAT experience"*- Dr. **Armando Quazzo**

12,15- 12,45 *"Carbon footprint of integrated water services: GHG emissions reduction towards the EU 2050 climate-neutrality objective"*- Ing. **Beatrice Coloru**

The workshop and a written critical revision on one of the topics covered will provide 3 credits (ECTs) to PhD students

Please register at the following link: <https://forms.gle/4Fm7SGAUypL3wfWNA>

