



## **Ph.D. PROGRAM in CHEMICAL, GEOLOGICAL, AND ENVIRONMENTAL SCIENCES**

### **PRESENTATION OF ANNUAL ACTIVITY**

**21-23/09/2021 – 9.30 – 13.00 (CET)**

**U1-09**

#### **21st of September 2021 - 9.30 - 13.00 - U1-09**

36 cycle SUSANI Stefano - **Advances in assessing sustainability of ground improvement techniques**

34 cycle BARTKOWIAK Paulina (on line) - **Development of a New Land Surface Temperature Product for Improving Satellite-based Evapotranspiration Modelling in the European Alps**

34 cycle CESANA Ilaria - **Algorithms development for chlorophyll fluorescence signal evaluation generated from inland waters and vegetation using hyperspectral remote sensing and radiative transfer models**

34 cycle NAVA Veronica - **Microplastics in freshwater systems: characterization, quantification and interaction with aquatic organisms**

#### **22nd of September 2021 - 9.30 - 12.30 - U1-09**

35 cycle BIGOGNO Alessandra - **Investigation into the chemical composition and hygroscopic properties of aerosol particles.**

35 cycle BONACINA Luca - **Phytobenthos dynamics and bedload transport in natural and regulated alpine streams.**

35 cycle ISA Valerio - **Microplastic pollution in coral reefs: interaction patterns between microplastics and soft corals and impact of marine plastic microfibers on scleractinian corals**

35 cycle MONTALBETTI Enrico - **Mitigation factors of coral bleaching phenomenon and molecular implications for hard corals**

35 cycle PIAZZA Giulia - **Geochemical and mineralogical investigations on Mediterranean coralline algae**

35 cycle SARTIRANA Davide - **Integrating numerical modelling and 3D Open Data Databases for groundwater management in Milan metropolitan city.**

35 cycle TIROZZI Pietro - **Modelling population trends for bird species: methodological insights and applicative aspects**

35 cycle VENCATO Sara - **Microplastic and associate pollutants of emerging concern: presence and impact assessment in cnidarian organisms.**

**23rd of September 2021 - 9.30 - 12.00 - U1-09**

34 cycle DEHNERT Inga (on-line) - **Coral Reef Restoration in the Maldives:an assessment of techniques, procedures and challenges**

36 cycle AGABA Sara - **Mapping organic soil carbon using Artificial Neural Networks (ANNs) applications in Digital Soil Mapping (DSM)**

36 cycle CONFALONIERI Chiara - **Evaluation of the quality of an environment through the analysis and definition of the most suitable acoustic and bioacoustic indicators characterizing the local soundscape**

36 cycle LOSI Niccolò - **Study of the atmospheric heating rate from Equator to the Arctic**

36 cycle ROTA Noemi - **Evaluation and mapping ecosystem services: a comparison of different methods**

36 cycle UBALDI Paolo Giuseppe - **Species identification and geolocalization tools for seafoods products**

**Webex Access**

<https://unimib.webex.com/unimib/j.php?MTID=m4372ffe21a5b5dd55c261ee44d6065e9>  
Password: mwJJddf5S55