



## List of Candidates for the Master's Degree in Environmental Meteorology

**March 28<sup>th</sup> 2025 - Room BIB at 9:30 AM**

- 9:30 AM – ID **240735**

Thesis title: TRUST THE SNOWPACK DYNAMICS: DEVELOPMENT OF A NEW ENHANCED TEMPERATURE INDEX (ETI) SNOWPACK MODULE FOR HYPERSTREAMHS HYDROLOGICAL MODEL

Supervisor: Diego Avesani and Bruno Majone

- 10:15 AM – ID **239361**

Thesis title: USE OF SATELLITE DATA TIME SERIES FOR TRAINING A MULTI-LAYER PERCEPTRON MODEL FOR FOREST IDENTIFICATION

Supervisors: Dino Zardi

- 11:00 AM – ID **239664**

Thesis title: NORTHERN HEMISPHERE ANALYSIS OF SNOW CLIMATOLOGIES AND TRENDS

Supervisors: Bruno Majone e Michael Matiu



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- 11:45 AM - ID **247465**

Thesis title: FROM CLIMATE PROJECTIONS TO STREAMFLOW: ASSESSING THE ROLE OF UNI- AND MULTI-VARIATE STATISTICAL DOWNSCALING AND BIAS-ADJUSTMENT TECHNIQUES

Supervisors: Bruno Majone, Michael Matiu and Diego Avesani

- 12:30 AM - ID **238950**

Thesis title: VALIDATION AND ANALYSIS OF THE FRESHWATER FLUX AND SEA SURFACE SALINITY IN THE SOUTH ATLANTIC

Supervisors: Simona Bordoni and Laura Agustina Ruiz Etcheverry

- ID **236281**

Thesis title: HOW SNOWPACK CAN AFFECT THERMALLY DRIVEN WINDS

Supervisors: Manuela Lehner

- ID **239210**

Thesis title: METHANE (CH<sub>4</sub>) AND ETHANE (C<sub>2</sub>H<sub>6</sub>) FLUXES MEASURED IN THE URBAN AREA OF INNSBRUCK

Supervisors: Thomas Karl

- ID **238956**

Thesis title: INFLUENCE OF RAINFALL DATA CORRECTED WITH NUMERICAL WEATHER PREDICTION ANALYSIS ON SNOW-HYDROLOGICAL SIMULATIONS IN A FRENCH ALPINE REGION

Supervisors: Nikolina Ban

- ID **230225**



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Thesis title: URBAN CLIMATE IN COMPLEX TOPOGRAPHY: ANALYSIS OF ENSEMBLE KILOMETER-SCALE  
CLIMATE SIMULATIONS

Supervisors: Helen ward