

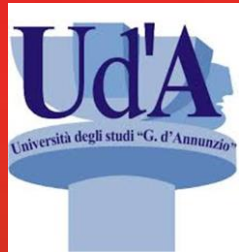


Earthquake and Environmental Hazards

PhD Student

Name: **Simone D'Incecco**

Born on 22/08/1991 in Penne (PE) - Italy



“Census and geochemical characterization of waste water on the Pescara river: area of Dragonara (CH)” – Relators: Prof. Rosatelli Gianluigi and Prof. Stoppa Francesco.



“Geochemical of high pCO₂ thermal aquifers hosted by carbonate - evaporitic rocks” – Relators: Prof. Frondini Francesco and Prof. Cardellini Carlo.



“Development and characterization of a system for environmental measurements on board of drones” – Scientific manager of the bursary project: Doc. Di Carlo Piero.



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PhD thesis: "**Trace gas emissions and active faulting: interactions and connections**".

PhD project supervisors: Doc. **Di Carlo Piero** and Prof. **Brozzetti Francesco**

- The targets of this project are to monitor and sample gas from active faults in order to find gas to be used as seismic precursors and to find a relationship between gas emissions and earthquakes.
- For the end of October 2018, the aim is to perfect the instrument supplied at the DiSPuTer and to begin to perform gas analysis on the Mount Gorzano's active fault, in Abruzzo.
- For this PhD project the «*West Systems srl*» collaborates with us for the instrumental support and the *Piraeus University of Applied Sciences* of Athens for the studies on radon emissions.

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