



Email address: riccardo.contu@uniroma1.it

● EDUCATION AND TRAINING

NOV 2023 – CURRENT Rome, Italy

PH.D. IN EARTH OBSERVATION Sapienza University of Rome + ESA European Space Agency

SEP 2025 – CURRENT

VISITING RESEARCHER ESA European Space Agency

1 APR 2025 – 4 JUL 2025 Stockholm, Sweden

VISITING RESEARCHER KTH Royal Institute of Technology

1 NOV 2024 – 31 JAN 2025 Frascati, Italy

VISITING RESEARCHER ESA European Space Agency

2023 Roma, Italy

M.SC IN ENVIRONMENTAL ENGINEERING Sapienza University of Rome

Final grade 110/110 cum laude (Laureato eccellente Sapienza) |

Thesis Urban 3D Change Detection with Deep Learning: Innovative Data Augmentation Techniques

2022 Hannover, Germany

ERASMUS + Leibniz University Hannover, Institute of Photogrammetry and GeoInformation

2020

B.SC IN ENVIRONMENTAL ENGINEERING Sapienza University of Rome

2014

EXCHANGE STUDENT IN THE U.S.A. Slinger High School, Wisconsin, USA.

2016

HIGH SCHOOL DEGREE Liceo Scientifico Farnesina

● WORK EXPERIENCE

 **SAPIENZA UNIVERSITY OF ROME – ROME, ITALY**

JUNIOR RESEARCH FELLOWSHIP – JUN 2023 – OCT 2023

Collaboration for the development of Deep Learning models and algorithms for 3D Change Detection from satellite images

 **UNIVERSITÀ DI TRENTO – TRENTO, ITALY**

JUNIOR RESEARCH FELLOWSHIP – AUG 2023 – SEP 2023

Collaboration for the preparation and processing of geometric and functional data of gravity potential for the estimation of parameters of the Earth's gravitational field

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
SPANISH	C1	B2	B1	B2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Python | Matlab | Microsoft Office | Deep learning/Neural networks

VOLUNTEERING

2017 – 2022 Rome, Italy
AGESCI Scout leader

2015 – 2016 Rome, Italy
A.I.P.D

Volunteering with people with down syndrome

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell’art. 13 d. lgs. 30 giugno 2003 n. 196 - “Codice in materia di protezione dei dati personali” e dell’art. 13 GDPR 679/16 - “Regolamento europeo sulla protezione dei dati personali”
Autorizzo alla pubblicazione