



Riccardo Contu

✉ Email: riccardo.contu@uniroma1.it ☎

EDUCATION AND TRAINING

[Nov 2023 – Current]

Ph.D. in Earth Observation

Sapienza University of Rome + European Space Agency

City: Rome

Country: Italy

[2023]

M.Sc in Environmental Engineering

Sapienza University of Rome

City: Roma

Country: Italy

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

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

[2022]

Erasmus +

Leibniz University Hannover, Institute of Photogrammetry and Geoinformation

City: Hannover

Country: Germany

[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

[Jun 2023 – Oct 2023]

Junior Research Fellowship

Sapienza University of Rome

City: Rome

Country: Italy

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

[Aug 2023 – Sep 2023]

Junior Research Fellowship

Università di Trento

City: Trento

Country: Italy

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):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

Spanish

LISTENING B2 **READING** B1 **WRITING** A2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B2

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

DIGITAL SKILLS

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

VOLUNTEERING

[2017 – 2022] **AGESCI Scout leader** Rome, Italy

[2015 – 2016] **A.I.P.D** Rome, Italy

Volunteering with people with down syndrome