



Alessia D'Agata

📍 **Home** : 00154, Rome, Italy

✉ **Email**: alessia.dagata@uniroma1.it

Date of birth: 11/01/1997 **Nationality**: Italian

EDUCATION AND TRAINING

[09/2024 – Current] **PhD visiting student**

Universitat Autònoma de Barcelona

City: Barcelona | **Country**: Spain |

[01/11/2022 – Current] **PhD Program in Economic Geography**

Sapienza Università di Roma https://phd.uniroma1.it/web/D'AGATA-ALESSIA_nP2080016_EN.aspx

Field(s) of study: Economic Geography

Second-level Professional Master Program on GIScience and SPR for territory and natural resources integrated management

[10/2021 – 09/2022]

Università degli Studi di Padova <https://www.mastergisience.it/>

Field(s) of study: Environmental conflict resolution and participation in community decision-making | **Type of credits**: CFU | **Number of credits**: 60 | **Thesis**: Soil consumption monitoring in Italy activities and the "geoprocessing workflows" project for the calculation of territorial analysis indices

- From the geography of complexity to GIScience: territorial practices and professional approaches
- From topographic map to physical landscape: interpretation of geomorphology
- Between professional GPS and mobile GIS: survey and reference systems for cartography
- Participatory GIS and Drones for Good: GIScience, empowerment and inclusive public decisions
- GIS: structure, functions and modeling of vector spatial data with QGIS
- Raster analysis with ArcGis and QGIS-GRASS
- WebGIS design and management
- Remote sensing: applications in the geomorphological field and for land management
- Remote Pilot Systems for territory and resources management
- Open Source GeoDatabase and geospatial data structures with Postgresql / PostGIS
- Historical cartography in geo-historical analyzes
- Biodiversity and Ecosystem Services in spatial planning
- Remote sensing: data acquisition and geological applications
- Cartography and GIS in spatial planning
- Citizens territories: geography and GIScience for socio-environmental conflicts management
- Digital Earth, voluntary geography and ecosystem services mapping
- Landscapes, ecological networks and social networks
- Precision agriculture and Remote Piloting Systems applications

[28/06/2021] **Qualification to the profession of Civil Engineer**

Università degli Studi di Catania

[09/2015 – 03/2021] **Master's degree in Building Engineering**

Università degli Studi di Catania <https://www.unict.it/>

Address: Via Santa Sofia 98, 95123, Catania, Italy | | **Final grade:** 108 | **Thesis:** Community Mapping techniques experimentation in support of a community planning process

[08/2010 – 07/2015] **High School Diploma**

Liceo Scientifico Archimede <https://www.liceoarchimede.edu.it/>

Address: Via Ludovico Ariosto 37, 95024, Acireale, Italy |

WORK EXPERIENCE

[07/2024 – Current] **Collaborator**

Legambiente

City: Roma | **Country:** Italy

Collaborator in "Rome's Clean Air Wasn't Built in A Day", project with the aim of facilitate conditions to reduce traffic-related air pollution in the city of Rome.

[01/11/2022 – Current] **PhD Student in Economic Geography**

Sapienza Università di Roma

City: Roma | **Country:** Italy

Research: Innovative approaches for urban, agricultural and forest land-use planning in light of global change.

[02/2022 – 07/2022] **Intern**

ISPRA

City: Rome | **Country:** Italy

Link: <https://www.snpambiente.it/2022/07/26/consumo-di-suolo-dinamiche-territoriali-e-servizi-ecosistemici-edizione-2022/>

I did an internship in ISPRA, the Higher Institute for Environmental Protection and Research. Particularly, I was involved in the draft of the IX Report on land consumption, territorial dynamics and ecosystem services, through various activities concerning soil consumption monitoring in Italy.

[08/2021 – 01/2022] **Research fellow**

University of Catania

City: Catania | **Country:** Italy

Thanks to the research fellowship obtained from the University of Catania, I participated on a research project concerning risk mitigation called M.I.P.A.T.. Within this, I have done both desk research, about community mapping for the proactive environmental protection, and action-research, trying to improve risk mitigation with a multidisciplinary approach.

[03/2021 – 06/2021] **Collaborator in engineering office**

Technoside SRL

City: Gravina di Catania | **Country:** Italy

In the office I took care of maps and graphs related to projects.

[02/2021 – 05/2021] **Environmental educator**

Circolo Legambiente Sartorius von Waltershausen

City: Acireale | **Country:** Italy

Thanks to Legambiente and the research project M.I.P.A.T., I did an environmental education service in the high school "Liceo Scientifico Archimede". Within, I worked in risk awareness activities, making students use community engagement techniques and learn sustainable and local development goals.

PUBLICATIONS

- [2024] [Assessing the spatial coherence of forest cover indicators from different data sources: a contribution to sustainable development reporting](#)
Reference: D'AGATA A., CUDLIN P., VARDOPOULOS I., SCHINAIA G., CORONA P., SALVATI L.
- [2023] [Toward Sustainable Development Trajectories? Estimating Urban Footprints from High-Resolution Copernicus Layers in Athens, Greece](#)
Reference: D'AGATA A., SALVATI L., et al.
- [2023] [Consumo di suolo, dinamiche territoriali e servizi ecosistemici. Edizione 2023](#)
Reference: MUNAFO' M. (a cura di)
- [2023] [Mixed Land Use as an Intrinsic Feature of Sprawl: A Short-Term Analysis of Settlement Growth and Population Distribution Using European Urban Atlas](#)
D'AGATA A., QUARANTA G., SALVIA R., CARLUCCI M., SALVATI L.
- [Easy come, easy go: Short-term land-use dynamics vis à vis regional economic downturns](#)
D'AGATA A., ALAIMO L.S., SALVATI L.
- [2022] [Consumo di suolo, dinamiche territoriali e servizi ecosistemici. Edizione 2022](#)
MUNAFO' M. (a cura di)

NETWORKS AND MEMBERSHIPS

- [08/2020 – Current] **"CarapAci_laboratorioecologicodicomunità"** Acireale
Within "CarapAci_laboratorioecologicodicomunità", network of associations involved in the care of the local territory, I carry out coordination and support activities. Specifically, I offer my competences in territorial data collection processes.

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Spanish

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

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

DIGITAL SKILLS

My Digital Skills

Microsoft Office | GIS softwares | R(Software)

Cars: B