



Simone Innocentini

● WORK EXPERIENCE

UNIVERSITY RESEARCH ASSISTANT – CONISMA – 01/02/2026 – 01/03/2026 – ROME, ITALY

GIS Analyst and Geodatabase Specialist for the 414 - Terracina sheet of the CARG project. Interpretation and critical analysis of morpho-bathymetric, sedimentological, and seismo-stratigraphic data; mapping of depositional systems and geomorphological features of submerged areas at 1:10,000 scale; review and quality control of onshore cartographic data; digitization of Author's Originals and organization into GIS layers; preparation and structuring of the Geological Database (BDG) according to the guidelines of SGI Quaderno n. 15 of the CARG Project (ISPRA); management of the ASC sample database; and contribution to the layout design of the final geological map, including geological sections, interpretative schemes, legend, and explanatory notes.

UNIVERSITY RESEARCH ASSISTANT – CNR - IGAG – 31/07/2025 – 18/08/2025 – ITALY

Participation in the 7th Leg of the MER Oceanographic Campaign, onboard the RV/NG "Surveyor" (Next Geosolutions), focused on mapping several seamounts in the north-central Tyrrhenian Sea, conducting real-time monitoring and quality control of geophysical data acquisition (MBES and SBP) and surface sediment sampling (grab samplers).

UNIVERSITY RESEARCH ASSISTANT – CNR - IGAG – 15/07/2025 – 15/01/2026 – ROME, ITALY

GIS Analyst and Geodatabase Specialist for the 414 - Terracina sheet of the CARG project. Interpretation and critical analysis of morpho-bathymetric, sedimentological, and seismo-stratigraphic data; mapping of depositional systems and geomorphological features of submerged areas at 1:10,000 scale; review and quality control of onshore cartographic data; digitization of Author's Originals and organization into GIS layers; preparation and structuring of the Geological Database (BDG) according to the guidelines of SGI Quaderno n. 15 of the CARG Project (ISPRA); management of the ASC sample database; and contribution to the layout design of the final geological map, including geological sections, interpretative schemes, legend, and explanatory notes.

SURVEYING TECHNICIAN – PRISMAMBIENTE S.R.L. – 15/06/2025 – 15/07/2025 – CIVITAVECCHIA, ITALY

Seismic Reflection Acquisition Technician (sparker and SBP acquisition systems).

UNIVERSITY RESEARCH ASSISTANT – MARINE GEOLOGY DEPARTMENT OF THE HYDROGRAPHIC INSTITUTE (IH) – PORTUGUESE NAVY – 01/02/2025 – 01/03/2025 – LISBON, PORTUGAL

Production of a thematic map on the seafloor characterization of the insular shelf of Corvo Island (Azores Archipelago).

UNIVERSITY RESEARCH ASSISTANT – MARUM - UNIBREMEN – 12/10/2020 – 01/12/2020

Participation in the FRINGE oceanographic expedition SO278, onboard the RV "Sonne", in the central Mediterranean sea, "Fluid-rock interaction at the backstop to the Mediterranean Ridge Accretionary Complex", conducting real-time monitoring and quality control of geophysical data acquisition (MBES, Parasound, and Flare Imaging).

● EDUCATION AND TRAINING

01/02/2021 – 17/04/2025 Lisbon, Portugal

PHD IN GEOLOGY – EXTERNAL GEODYNAMICS University of Lisbon – Faculdade de Ciências da Universidade de Lisboa (FCUL)

FCT – Fundação para a Ciência e a Tecnologia, Fellowship Grant 2020.07904.BD

Activities:

- Seismic reflection data acquisition (boomer system) and surface sediment sampling (grab samplers) during two oceanographic missions in the western Azores Archipelago (in the summers of 2022 and 2023), onboard chartered boats.
- Seismic data post-processing internship at IPMA (*Instituto Portugues do Mar e Atmosfera*) using RadEx software.
- Particle size distribution analysis via sieving techniques, and sediment composition analysis under binocular microscopy, performed at the sedimentological laboratories of IH and FCUL, respectively.
- Participation in multiple field campaigns across Atlantic volcanic islands (in Azores and Madeira Archipelagos) for coastal monitoring and volcano-stratigraphic studies.

Website <https://doi.org/10.54499/2020.07904.BD><http://hdl.handle.net/10400.5/101424> | **Field of study** Earth sciences |

Final grade Approved with Distinction and Honours | **Level in EQF** EQF level 8 |

Thesis "Gravitational, erosional, sedimentary and volcanic processes on the submarine environment of ocean volcanic islands: The case studies of Porto Santo Island (Madeira Archipelago) and Corvo Islands (Azores Archipelago)".

15/10/2017 – 19/03/2020 Rome, Italy

MSC - EXPLORATION GEOLOGY (LM-74) Department of Earth Sciences (DST), Sapienza University of Rome

Activities:

- Internship on geophysical data processing and analysis using MATLAB software.
- Erasmus+ program, Lisbon, PT

Final grade 107/110 | **Level in EQF** EQF level 7 |

Thesis The southern shelf of Porto Santo Island (Madeira Archipelago): Characterization of erosional, depositional and gravitational processes

15/09/2014 – 12/10/2017 Siena, Italy

BSC - EARTH SCIENCES (L-34) University of Siena

Activities:

- Participation in the field campaign for the GPS monitoring of the *Wonji Fault Belt* in the Main Ethiopian Rift (Ethiopia)".
- Internship on GIS mapping of the "*Vetricella*" archaeological site in Scarlino (GR), Italy.

Final grade 108/110 | **Level in EQF** EQF level 6 |

Thesis GPS monitoring of the Wonji Fault Belt between Asela and Ziway (Main Ethiopian Rift, Ethiopia)

02/06/2025 – 10/06/2025 Castel Volturno (Na), Italy

STCW IMAT (Italian Maritime Academy Technologies) Training center

Standards of Training and Certification of Watchkeeping

21/11/2022 – 26/11/2022 Lisbon, Portugal

80TH MBC IH, Portuguese Na

Multibeam Sonar Training Course

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

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

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

● PUBLICATIONS

2025

[Present-day sedimentary processes on the shelves of inactive volcanic ocean islands: The case study of Porto Santo Island \(Madeira Archipelago\).](#)

Innocentini et al., 2025. Present-day sedimentary processes on the shelves of inactive volcanic ocean islands: The case study of Porto Santo Island (Madeira Archipelago). *Sedimentology*, 72(2), 587-612.

Authors: Innocentini, S., Quartau, R., Madeira, J., Casalbore, D., Andrade, C., Silva, A. N., Cachão, M., Moreira, S., Santos, R., Pombo, J. & Rodrigues, A. | **Journal Name:** *Sedimentology* | **Volume, Issue and Pages:** 72(2), 587-612 | **Publisher:** Wiley

2022

[Morpho-stratigraphic characterization of the southern shelf of Porto Santo Island \(Madeira Archipelago\): Insights for small-scale instability processes and post-LGM sedimentary architecture](#)

Innocentini, et al., 2022.

Authors: Innocentini, S., Quartau, R., Casalbore, D., Roque, C., Vinhas, A., Santos, R., & Rodrigues, A. | **Journal Name:** *Marine Geology* | **Volume, Issue and Pages:** 444, 106729 | **Publisher:** Elsevier

2025

[Gravitational, erosional, sedimentary and volcanic processes on the submarine environment of ocean volcanic islands: The case studies of Porto Santo Island \(Madeira Archipelago\) and Corvo Islands \(Azores Archipelago\).](#)

Innocentini, S., 2025. Gravitational, erosional, sedimentary and volcanic processes on the submarine environment of ocean volcanic islands. Faculdade de Ciências da Universidade de Lisboa, Unpublished PhD Thesis, 219 pp.

Authors: Innocentini, S. | **Journal Name:** Unpublished PhD Thesis | **Volume, Issue and Pages:** 219 pp. | **Publisher:** FCUL

2023

[Present-day sedimentary processes on the shelves of inactive volcanic islands: the case study of Porto Santo Island \(Madeira Archipelago\)](#)

Innocentini, et al., 2023. Present-day sedimentary processes on the shelves of inactive volcanic islands: the case study of Porto Santo Island (Madeira Archipelago). 3rd MedGU Annual Meeting, Istanbul, Turkey, 26–30 November 2023, Poster.

Authors: Innocentini, S., Quartau, R., Madeira, J., Casalbore, D., Andrade, C., Cachão, M., Silva, A. N., Moreira, S., Santos, R., Rodrigues, A. | **Journal Name:** 3rd Mediterranean Geosciences Union Annual Meeting (MedGU) | **Volume, Issue and Pages:** Poster

2020

[Fluid-rock interaction at the backstop to the Mediterranean Ridge Accretionary Complex South of Crete.](#)

Bohrmann, et al., 2020. Fluid-rock interaction at the backstop to the Mediterranean Ridge Accretionary Complex South of Crete. Cruise Report SO278, FRINGE. 208 pp

Authors: Bohrmann, G., Ahrlich, F., Antoniou, D., Behrendt, N., Innocentini, S., Coulibaly, O., Eijsink, A., ..., & Witzleb, A. | **Journal Name:** Cruise Report SO278 FRINGE | **Volume, Issue and Pages:** 208 pp

● **HONOURS AND AWARDS**

18/03/2025

"Best Scientific Production in Marine Geology in the period 2023-2025" – 5th Conference of Italian Marine Geologists (5CGMI)

Innocentini et al., 2025.

15/02/2023

"Best photo and video in Marine Geology" – 5th Conference of Italian Marine Geologists (5CGMI)

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"Wanted the Best" – University of Rome "La Sapienza"

Prestigious, qualification-based competition designed for high-achieving students from other Italian universities who enroll in a Master's degree program at Sapienza University.