

PERSONAL INFORMATION

Marta Zocchi



📍 Piazzale Aldo Moro 5, 00185 Rome (Italy)

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Date of birth 04/02/1993 | Nationality Italian

EDUCATION AND TRAINING

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- | | | |
|-----------------|--|--|
| 11/2020–Present | Doctoral student in Geosciences
Sapienza University of Rome | |
| 03/07/2019 | Professional Qualification: Geologist (Section A)
Sapienza University of Rome | |
| 10/2016–01/2019 | Master of Science in Geology Applied to Engineering, Territory and Risks
Sapienza University of Rome
Thesis: “Analysis and interpretation of satellite imagery for the reconstruction of geomorphological features of the lower Tigris and Euphrates Plain (Iraq)” | First Class with honours (110/110 cum laude) |
| 2014–2015 | Swimming Instructor Certification
Federazione Italiana Nuoto (F.I.N.) | |
| 10/2012–12/2015 | Bachelor of Science in Geological Sciences
Sapienza University of Rome
Thesis: “Caldera unrest: insights on reactivation mechanisms of volcanic calderas” | Second Class, Upper Division (105/110) |

WORK EXPERIENCE

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| 2019–2020 | Technical consultant
Nhazca S.r.l.
Via V. Bachelet 12, Rome
www.nhazca.it

Main activities <ul style="list-style-type: none">▪ Processing and post-processing of remote sensing data, such as A-DInSAR (Advanced Differential Interferometric SAR), terrestrial radar, and optical data (PhotoMonitoring), for monitoring and interpretation of slope gravity-driven processes purposes. Analysis has been carried out in Geographic Information System (GIS) environment and through the usage of proprietary software (TRIVIA and ENVI).▪ Cartographic product designed in GIS for geological and geomorphological characterization. | |
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2010–2020 **Swimming teacher**
 00100 Sporting Club Roma
 Piazza A. Zamorani, 8, 00157 Rome

07/2018–08/2018 **University Internship "Implementation of Polluted Sites Remediation and Environmental Geology service database"**
 Ufficio Geologia e Idrogeologia Ambientale del Dipartimento Tutela Ambientale di Roma
 Circonvallazione Ostiense, 191, 00154 Rome

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
inglese	C1	C1	B2	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Relational and verbal communication skills with every age, particularly with children and teenagers (3-14 years old), acquired during my experience as a swimming teacher;
- Relational and verbal communication skills in multicultural contexts, acquired during certificated language study periods abroad:
 Sandford Park School, Dublin - July 2012
 Cavendish School, Bournemouth - July 2011
 Wallace College, Edinburgh - July 2010

Organisational / managerial skills

- Good organisational skills gained during several work groups, related to geological and geomorphological topics;
- Good organisational skills gained in my experience as a swimming teacher, such as planning swimming lessons referred to different levels (from pre-schools to adults) in autonomy and in cooperation.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Basic user	Proficient user	Independent user

Digital skills - Self-assessment grid

- Proficient in **Microsoft Office**;
- Proficient in Geographic Information System for the acquisition and analysis of spatial (**QGIS** and **ArcGIS**) and competent in software for the satellite imagery elaboration (**ENVI**), acquired for my master thesis;
- Competent with NHAZCA Srl proprietary software for radar data (**TRIVIA**) and optical imagery processing (**IRIS**).

- Other skills
- **First Aid:** licence obtained as part of Lifeguard Certification;
 - **Languages:** I have a strong passion for other languages and cultures, pursued through study periods abroad and as a self-taught;
 - **Hobbies:** I love books, travelling and exhibitions; I practiced swimming at a competitive level for 12 years, then I tried also hip hop, musical and theatre courses.

Driving licence B

ADDITIONAL INFORMATION

Availability to travel Open to relocation on national and international levels

- Publications
- Iacobucci G., Troiani F., Milli S., Mazzanti P., Piacentini D., Zocchi M., Nadali D. (2020) - **Combining satellite multispectral imagery and topographic data for the detection and mapping of fluvial avulsion processes in lowland areas.** Remote Sensing 12, 2243.
 - Iacobucci G., Mazzanti P., Milli S., Nadali D., Troiani F., Zocchi M., Forti L. (2019) - **Holocene and historical morphodynamics of the Lower Mesopotamian waterscape: a multi-sensor remote sensing approach.** INQUA Commission: Terrestrial Processes Deposits and History, Session: Palaeohydrology and Fluvial Archives - hydrological extreme and critical events (HEX), Dublin, July 2019 (Poster).

- Courses
- Participation to "**Corso itinerante specialistico di approfondimento sulle NTC 2018**" dated 29/01/19 at the Hotel Cicerone, via Cicerone 55C, Rome.
 - Attendance and certification of "**English collective course**" (Jan-May 2020), British Institute of Rome. Level: Proficient user (CEFR): **C1.1**

Personal data In compliance with the GDPR and the Italian Legislative Decree n°196 dated 30/06/2003, I hereby authorize the processing of my personal details contained in this document.

Marta Zocchi

