



Cecilia Fabbiani

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📍 **Home** : Castelnovo ne' Monti (RE), Italy

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☎ **Phone**: (+39) 3488114335 📠 **Phone**: (+39) 059208485

Date of birth: 19/03/1998 **Nationality**: Italian

EDUCATION AND TRAINING

[01/11/2024 – Current]

PhD Student

Università degli Studi di Modena e Reggio Emilia - Department of Chemical and Geological Sciences

City: Modena | **Country**: Italy |

PhD in "**Models and Methods for Material and Environmental Sciences**"

Research title: "**Landslide processes and Multiscale Risks Analyses**"

[01/2024 – 07/2024]

Research fellow

Università degli Studi di Modena e Reggio Emilia - Department of Chemical and Geological Sciences

City: Modena | **Country**: Italy | | **Thesis**: Aggiornamento del quadro del dissesto delle aree interessate dall'evento di maggio 2023

Master's Degree in "Geoscienze, Georischi e Georisorse" - Curriculum B "Georischi e Gestione del Territorio" (Master's Degree Class LM-74 in Scienze e Tecnologie Geologiche)

[2021 – 2023]

Università degli Studi di Modena e Reggio Emilia - Department of Chemical and Geological Sciences

City: Modena | **Country**: Italy | | **Final grade**: 107/110 | **Thesis**: Inventario e analisi dell'occorrenza di fenomeni franosi nel comune di Civitella di Romagna (Appennino Romagnolo) durante gli eventi meteo-idrogeologici del maggio 2023

Relatore: Prof. Alessandro Corsini; Correlatore: Dott. V. Critelli.

[2018 – 2021]

Bachelor Degree in Scienze Geologiche (L-34)

Università degli Studi di Modena e Reggio Emilia - Department of Chemical and Geological Sciences

City: Modena | **Country**: Italy | | **Final grade**: 110/110 cum Laude | **Thesis**: Analisi delle caratteristiche dei depositi fluviali del torrente Vinstra (Oppdal, Trøndelag, Norvegia centrale)

Relatore: Prof. Mauro Soldati; Correlatori: Dott. K. Laute; A. Beylich.

[2013 – 2018]

Diploma di istruzione secondaria superiore - Indirizzo "Costruzione, ambiente e territorio" (C.A.T. – geometri)

Istituto di Istruzione Superiore Secondario "Cattaneo Dall'Aglio"

City: Castelnovo ne' Monti (RE) | **Country**: Italy |

WORK EXPERIENCE

[03/2023 – 05/2023]

Curricular internship included in the course of study in Geoscienze, Georischi e Georisorse (LM-74)

GeoGroup s.r.l. <https://geogroupmodena.it/>

City: Castelnuovo Rangone (MO) | **Country:** Italy

Field and office activities in the geological-technical and hydrogeological instability sector: geognostic and geophysical tests, development of geological and geotechnical models and reports, as well as the corresponding detailed cartography. Creation of models for slope stability analysis.

Fields: Hydrogeological Instability, Applied Geology, Geophysics, Cartography.

[08/2020 – 10/2020]

Erasmus+ for Traineeship during Bachelor Degree (L-34)

Geomorphological Field Laboratory (GFL) <https://geofieldlab.com/>

City: Trondelag | **Country:** Norway

It involved the in-depth study of various aspects related to geomorphology and the processes shaping the mountainous environments of central Norway, including: the interaction between watercourses and slope processes such as gravitational events and snowmelt; and grain size analyses of sediments along the watercourses of several mountain valleys. The activities were conducted partly in the laboratory, with the review of scientific publications and analysis of satellite and aerial imagery, and partly in the field, with site-scale analyses of watercourses in central Norway within the Dovrefjell-Sunndalsfjella and Jostedalsgreen National Parks.

PUBLICATIONS

[2024]

Total and effective rainfall thresholds for landslides acceleration, based on long-term in-situ movement patterns monitoring (Northern Apennines and Eastern Alps, Italy)

Tondo M., Mulas M., Critelli V., Lelli F., **Fabbiani C.**, Aleotti M., Caputo G., Truffelli G., Marcato G., Mair V., Tonidandel D. and Corsini A. (2024) *Total and effective rainfall thresholds for landslides acceleration, based on long-term in-situ movement patterns monitoring (Northern Apennines and Eastern Alps, Italy)*

Landslide (Springer). Manuscript number: LASL-D-24-01064. Submitted

[2024]

Emergency mapping: lessons learned from 2023 landslide event in Romagna (Italy)

Berti M., Pizziolo M., Scaroni M., Generali M., Olivucci S., Gozza G., Formicola P., Critelli V., Mulas M., Tondo M., Lelli F., **Fabbiani C.**, Ronchetti F., Ciccarese G., Dal Seno N., Ioriatti E., Rani R., Zuccarini A., Simonelli T., Corsini A. (2024) *Emergency mapping: lessons learned from 2023 landslide event in Romagna (Italy).*

Landslides (Springer – IF 5.8). Manuscript Number: LASL-D-24-00232. Submitted

[2024]

RER2023: the landslide inventory dataset of the May 2023 Emilia-Romagna event

Berti M., Pizziolo M., Scaroni M., Generali M., Critelli V., Mulas M., Tondo M., Lelli F., **Fabbiani C.**, Ronchetti F., Ciccarese G., Dal Seno N., Ioriatti E., Rani R., Zuccarini A., Simonelli T., Corsini A. (2024) *RER2023: the landslide inventory dataset of the May 2023 Emilia-Romagna event.*

Earth Syst. Sci. Data Discuss. [preprint], <https://doi.org/10.5194/essd-2024-407>, in review.

[2023]

In appennino un numero di frane mai riscontrato prima.

Pizziolo M., Generali M., Scaroni M., Berti M., Ciccarese G., Dal Seno N., Ioriatti E., Rani R., Zuccarini A., Corsini A., Critelli V., **Fabbiani C.**, Lelli F., Ronchetti F., Tondo M. (2023) *In appennino un numero di frane mai riscontrato prima.* *Ecoscienza* N° 5, Anno XIV.

CONFERENCES AND SEMINARS

- [16/06/2024 – 19/06/2024] **XVIII Convegno Nazionale GIT-SI, Società Geologica Italiana** Montereale Valcellina (PN), Italy
Fabbiani C., Critelli V., Lelli F., Tondo M., Corsini A. (2024) ***Rilievi UAV (Uncrewed Aerial Vehicle), analisi SfM (Structure from Motion) e prove di laboratorio a supporto della caratterizzazione di sito di frane di scivolamento traslativo in roccia: casi di studio a Civitella di Romagna (Appennino Romagnolo)***
Role: Author. Type: Presentation.
- [16/06/2024 – 19/06/2024] **XVIII Convegno Nazionale GIT-SI, Società Geologica Italiana** Montereale Valcellina (PN), Italy
Lelli F., Mulas M., Critelli V., Tondo M., **Fabbiani C.**, Corsini A., (2024) ***Combined approach for landslide monitoring: the new case study of the Baldiola landslide (Val Panaro, MO).***
Role: Co-Author. Type: Presentation.
- [16/06/2024 – 19/06/2024] **XVIII Convegno Nazionale GIT-SI, Società Geologica Italiana** Montereale Valcellina (PN), Italy
Critelli V., **Fabbiani C.**, Tondo M., Mulas M., Lelli F., Ronchetti F., Scaroni M., Generali M., Pizziolo M., Gozza G., Formicola P., Berti M., Ciccarese G., Dal Seno N., Ioriatti E., Rani R., Zuccarini A., Olivucci S., Simonelli T., Corsini A. (2024) ***Estrazione di informazioni geoscientifiche di sintesi relative alle frane ed il loro impatto sul territorio durante l'evento meteorologico di maggio 2023 in Emilia Romagna.***
Role: Co-Author. Type: Presentation.
- [14/04/2024 – 19/04/2024] **EGU General Assembly 2024** Vienna, Austria
Berti M., Corsini A., Pizziolo M., Simonelli T., Ciccarese G., Critelli V., Dal Seno N., **Fabbiani C.**, Generali M., Ioriatti E., Lelli F., Mulas M., Rani R., Ronchetti F., Scaroni M., Tondo M., and Zuccarini A. (2023) ***Landslide inventory following the May 2023 Romagna hydrometeorological event (Northern Italian Apennines): the unavoidable requirement for laborious manual mapping.***
Role: Co-Author. Type: Presentation.

PRESENTATION AT WORKSHOP/STUDY DAYS

- [10/05/2024] **La Romagna un anno dopo – Escursione nella Valle del Bidente (Civitella)**
Co Relatrice: Giornata di studio Organizzata dall'Ordine dei Geologi dell'Emilia-Romagna (OGER) - Escursione: “*La Romagna un anno dopo – Escursione nella Valle del Bidente (Civitella)*”.

EXTRACURRICULAR SEMINARS, WORKSHOPS, ETC.

- [05/03/2021] **Webinars CIVIS on Geomorphology and Quaternary Geology**
Webinar “Long-term coastal landslide evolution and sea-level change” (Geomorphology and Quaternary Gology) all'interno della focus area di Civis su “Climate, environment and energy”. Certifying Organization: Università di Modena e Reggio Emilia.

[01/10/2020 – 02/10/2020]

**First IAG GeoNorth and GeoNor Virtual Conference - Geomorphology and
Geomorphological Research in the Nordic Countries**

Certifying Organization: Geomorphological Field Laboratory (GFL) Trøndelag, Norvegia -
Dr. Achim A. Beylich.

Link: [https:// geofieldlab.com/](https://geofieldlab.com/)

[01/10/2018 – 28/10/2018]

Corso di formazione EduOpen: Fondamenti di informatica (3° ed.)

Certifying Organization: EduOpen.org.

DIGITAL SKILLS

My Digital Skills

Microsoft Office (Advance)

Microsoft Word | Microsoft Excel | Microsoft PowerPoint

Design software (Moderate)

AutoCad 2D -3D

Geographic Information Systems (Advance)

GIS software: Expert QGIS and good control of ArcGIS | GoogleEarthPro

Geological Modeling Software (Moderate To Basic)

SSAP (Slope Stability Analysis Program) | Slide2 | RocPro3D

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

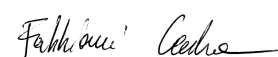
LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

The undersigned, Cecilia Fabbiani, aware that false statements are punishable under the Penal Code and special laws, hereby declares that all the information provided in this curriculum vitae is true.

Modena, 19/12/2024



Cecilia Fabbiani