

Andrea Gianese

Nationality: Italian ✉ Email address: andrea.fg.gianese@gmail.com 💬 Skype: Andrea Gian

📍 Home: 36022 Cassola (Italy)

WORK EXPERIENCE

PhD Student

University of Trieste [11/2021 - Current]

City: Trieste Country: Italy Website: www.units.it

Research topic: The Paleogene Mass-Transport Deposits (MTDs) of the Julian-Slovenian Basins: mechanisms of emplacement and tsunamigenic potential

Duties:

- Geological survey and mapping
- 3D photogrammetric models of outcrops and quarries
- 3D regional geological models with structural restoration of sedimentary successions
- Petrographic and geochemical analysis of sedimentary bodies
- Field Mapping and GIS database compiling as part of the CARG Project "Foglio 110-131"

Research scholarship

Università di Trieste [01/2021 - 11/2021]

City: Trieste Country: Italy Website: www.units.it

Research topic: Geological survey and mapping of an area included in the "Foglio 110 Trieste" and "Foglio 131 Caresana" zones - ISPRA CARG Project

Duties:

- Geological field mapping
- Samples collection
- GIS database compiling

Geologist

Geoside Geofisica [09/2019 - 12/2019]

City: Cittadella Country: Italy Website: www.geoside.it

- Topographic and Geophysical surveys (gradiometer, georadar, ERT) with subsequent data analysis
- Laser scanning data acquisition and processing

Site Manager

Geosec [09/2018 - 03/2019]

City: Parma Country: Italy Website: www.geosec.it

Principal tasks on site:

- organization and coordination of the work on site
- execution and interpretation of Electrical Resistivity Tomography (ERT) 4D and Dynamic Probing Medium (DPM) 30
- relate with the customer
- work on sites in Italy, Switzerland and Germany

Intern

German Research Centre for Geosciences [09/2017 - 12/2017]

City: Potsdam Country: Germany Website: www.gfz-potsdam.de

part of a team that studies climate dynamics and landscape evolution. Particularly, I was involved in:

- water and sediment sample collection in the Lake Tiefer See (Germany), with subsequent laboratory analysis
- field instruments maintenance
- magnetic susceptibility and XRF measurements on lake sediment cores
- sediment, organic matter and tephra sample preparation for chemical and dating analysis

Intern

Icelandic Institute of Natural History [07/2017 - 09/2017]

City: Reykjavik Country: Iceland Website: en.ni.is

took part in a geological mapping project in Eastern Iceland. My principal duties were:

- handle survey tools
- log stratigraphic profiles
- carry out paleomagnetic measurements using a fluxgate magnetometer with corresponding data processing

OTHER EXPERIENCE

[11/2019 – 10/2020]

Business Owner

F.G.Intatto s.n.c, Cassola (Italy)

Main duties:

- Business management
- Direct sale
- Management of employees
- Customer support

[12/2017 – 09/2018]

Collaborator

F.G.Intatto s.n.c, Cassola (Italy)

My duties included:

- process statistics
- website maintenance
- meeting attendance
- liaise with suppliers and customers
- contribute to sales
- type up orders with business software

EDUCATION AND TRAINING

MSc Geology and Technical Geology

University of Padova [09/2014 – 07/2017]

City: Padova Country: Italy Website: www.unipd.it

- Thesis project: Multi-approach study (with Raman, SEM and Single-Crystal X-Ray Diffraction techniques) of sub-lithospheric diamond inclusions
- graduated with 108/110

Erasmus+ for Study

Eötvös Loránd University [08/2015 – 02/2016]

City: Budapest Country: Hungary Website: www.elte.hu

Courses included: Environmental Mineralogy, 3D modelling in GIS, Open-Web GIS, Hydrogeology, Geomathematics and two residential field courses in the Dunántúl and Észak regions.

BSc Geological Sciences

University of Padova [09/2010 – 09/2014]

City: Padova Country: Italy Website: www.unipd.it

- Thesis project: Geomorphological and geoarchaeological survey of the Equilum site (Jesolo, Venice, Italy)
- graduated with 93/110

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Spanish

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

DIGITAL SKILLS

GIS software: ArcGIS, QGIS / Microsoft Office / ERTLab64 / Omnic Spectra Software / Adobe Creative Suite: Adobe Photoshop, Adobe Lightroom, Adobe Illustrator / Global Mapper / MOVE - Petroleum Experts / FieldMove Clino / Field survey data acquisition (ArcGis Collector, QField, GISCloud, Pix4d, Agisoft Metashape)

PUBLICATIONS

Publications and Abstracts Publications:

Anzolini C., Nestola F., Mazzucchelli M.L., Alvaro M., Nimis P., Gianese A., Morganti S., Marone F., Campione M., Hutchinson M.T., Harris J.W., 2019. Depth of diamond formation obtained from single periclase inclusions, *Geology*, <https://doi.org/10.1130/G45605.1>

Abstracts in conferences:

Gianese A., Franceschi M., Ponton M., Corradetti A., Parisi F., Barago N., Landucci C., Bonini L., Pini G.A., 2023, The Mass-Transport Deposits of the Paleogene Julian Basin (Italy/Slovenia): observations on the dynamic of emplacement and tsunamigenic potential, 1st In-Person Bouma Deep Water Geoscience Conference, 17-21 April 2023, Utrecht, Netherlands, <https://hdl.handle.net/11368/3057960>

Gianese A., Franceschi M., Corradetti A., Melis R., Pini G. A., 2021. Investigations on the emplacement mechanisms of the Eocene olistoliths of the Miramare Castle (Trieste, Italy), SGI, 90° Congress of the Italian Geological Society, Sept 14th-16th 2021, Trieste, Italy, <https://hdl.handle.net/11368/3058618>

Corradetti A., Franceschi M., Gregori N., Gianese A., Pini G.A. & Bonini L., 2021. Solving complex structural geometries using virtual outcrop models: a case study from the frontal area of the Carso region, SGI, 90° Congress of the Italian Geological Society, Sept 14th-16th 2021, Trieste, Italy

Anzolini C., Nestola F., Alvaro M., Gianese A., Nimis P., Harris Jeffrey W., 2017. Depth of Formation of Ferropericlase Included in Super-Deep Diamonds, International Diamond School Conference Talk, Jan 29th Jan - Feb 2nd 2018, Bressanone, Italy, <http://hdl.handle.net/11577/3254329>

CONFERENCES AND SEMINARS

[17/04/2023 - 21/04/2023] Utrecht, Netherlands

1st In-Person Bouma Deep Water Geoscience Conference

Link: <https://www.sepm.org/bouma-conference>

[14/09/2021 - 16/09/2021] Trieste, Italy

90° Congress of the Italian Geological Society

Link: <https://www.socgeol.it/>

[03/2019] Toronto, Canada

Prospectors & Developers Association of Canada (PDAC)

Link: www.pdac.ca

[02/2018] Bressanone, Italy

International Diamond School

Link: www.internationaldiamondschool.org

COURSES AND CERTIFICATES

[06/2019]

Qualifying Examination for Geologist

[01/2019]

Firefighting

Geosec, Parma, Italy

[12/2018]

Site Manager additional training

Geosec, Parma, Italy

[12/2018]

First aid

Geosec, Parma, Italy

[01/2018]

European Computer Driving Licence (ECDL) Full-Standard

I.I.S. G.A. Remondini, Bassano del Grappa, Italy

[09/2013]

Archaeological Survey

Verucchio, Italy

www.uibk.ac.at/urgeschichte/projekte_forschung/verucchio/index.html.en

NETWORKS AND MEMBERSHIPS

[02/2023 - Current] Claremore, U.S.A.

SEPM - Society for Sedimentary Geology

[02/2023 - Current] Bunnik, The Netherlands

EAGE - European Association of Geoscientists and Engineers

[09/2021 - Current] Rome, Italy

SGI - Società Geologica Italiana

[1999 - Current]

Italian Alpine Club (C.A.I.)

DRIVING LICENCE

Driving Licence: B

Ardo Jansa