

PROFESSIONAL EXPERIENCE

Senior researcher (RTDb) Università degli Studi di Torino	2022-current
Junior researcher (RTDa) Università degli Studi di Cagliari	2019-2022
Geoarchaeology consultant Università degli Studi di Milano	2018-2019
Postdoctoral fellow Università degli Studi di Milano – SUCCESSO-TERRA project	2017-2018
Geoarchaeology consultant Università degli Studi di Milano	2016-2017
Trainee in Environmental Archaeology Umeå Universitet	2016

EDUCATION

Ph.D. in Earth Sciences Università degli Studi di Milano.	2012-2016
M.S. in Analysis and Management of Natural Environments Università degli Studi di Milano	2008-2011
B.S. in Natural History Università degli Studi di Milano	2005-2008

RESEARCH ACTIVITY

Research projects

- Project: *Sustainable land management: the tools of geology for the environment*, co-applicant 2020
- Project: PON-AIM "CULT-GEOCHIM" AIM1890410-3, junior researcher 2019-2022
- Project: *L'evoluzione del paesaggio nello spazio e nel tempo. Identificazione dei fattori naturali e antropici che regolano la velocità del cambiamento ambientale, analisi delle ricadute sul patrimonio culturale e naturale e sulla sua valorizzazione, fruizione e gestione*, collaborator 2018
- Project: SUCCESSO-TERRA "Società Umane, Cambiamenti Climatico-ambientali e Sfruttamento/Sostenibilità delle risorse durante l'Olocene medio in Pianura Padana. Il caso delle Terramare" PRIN 20158KBLNB, postdoctoral researcher 2017-2019
- Project: NEOArabia "Analysis of sustainability and reorganisation of Arabian coastal Neolithic socio-ecological systems during the Mid-Holocene period (6.2-2.8 ka BC)", collaborator 2017-2020.
- Project: *La superficie della Terra tra passato e futuro. Geomorfologia, Geologia del Quaternario, Geoarcheologia, Geologia Applicata, ed Idrostratigrafia per interpretare le forzanti climatico-ambientali dei processi superficiali e sub-superficiali e le loro interazioni con le comunità umane*, collaborator 2017
- Project: *La superficie della Terra tra passato e futuro. Geomorfologia, Geologia Applicata, Geologia del Quaternario e Geoarcheologia come strumenti per studiare le variazioni climatico-ambientali e le loro interazioni a breve e lungo termine con le comunità umane*, collaborator 2016
- Project: GEODUST *Geomorphology of dust sources and dynamics of dust emission from different geomorphic units*, collaborator 2015-2019
- Project: *The Lillsjö Project - Mesolithic Immediate Environments*, collaborator 2015
- Project: RAISIN *Rates of soil forming processes obtained from soils and paleosols in well-defined settings*, collaborator 2012-2015

Archaeological excavations

- Acquacadda cave, Nuxis, Sardinia, Italy 2021
- Terramara S. Rosa di Poviglio, Emilia-Romagna, Italy 2017-2019
- Jebel Qara (survey), Oman 2019
- San Michele di Valestra, Emilia-Romagna, Italy 2017-2018
- Northern Namib desert (survey), Namibia 2017
- Ångermanland, Sweden 2016

TEACHING EXPERIENCE

Undergraduate-graduate courses

- Geography with Laboratory, Università di Torino,
B.C. in Natural Science, 36 hours (Italian) 2022
- GIS Lab, Università di Torino,
M.C. in Environmental Monitoring, Protection and Remediation, 32 hours (Italian) 2022
- Cartography, Uni Cagliari,
B.C. in Environmental/Natural Science, 20 hours (Italian) 2020-2022, yearly
- GIS in Environmental Science, Uni Cagliari,
M.C. in Environmental Science, 40 hours (Italian) 2019-2022, yearly
- Climate change: analysis and action (extracurricular), Uni Cagliari,
B.C. in Environmental/Natural Science, 12 hours (Italian) 2020
- Field course: Environmental survey (co-teacher), Uni Cagliari,
B.C. in Environmental/Natural Science, 1 week (Italian) 2020
- Field course: intro to rocks and minerals (co-teacher), Uni Milano,
B.C. in Earth Science, 1 week (Italian) 2018-2019
- Introduction to cartography (within the course: Landscape as cultural heritage), Uni Milano,
B.C. in Science for Cultural Heritage, 10 hours (Italian) 2015

Postgraduate courses

- Climate changed: how it happens and why it matters, Uni Cagliari,
Ph.D. in Environmental Science and Tech, 20 hours (English/Italian) 2020-2022, yearly
- Communicating science, Uni Cagliari,
Ph.D. in Environmental Science and Tech, 20 hours (English/Italian) 2020-2022, yearly
- Sedimentology and stratigraphy, Uni Sassari,
Postgraduate School in Cultural Heritage, 25 hours (English/Italian) 2020

Teaching assistant

- Geopedology, Uni Milano,
M.C. in Natural History, 10 hours (Italian) 2012-2015, yearly
- Geopedology in the Lab, Uni Milano,
M.C. in Natural History, 12 hours (Italian) 2012-2015, yearly
- Geomorphology, Uni Milano, B.C. in Earth Science, 6 hours (Italian) 2018-2019
- Advanced Diagnostics in Archaeological excavations,
Uni Milano, M.C. in Science for Cultural Heritage, 4 hours (Italian) 2017

CONGRESSUAL ACTIVITY

Organizing committees

- XXI INQUA Congress, Rome 14-20 July 2023
- First National Congress of Young Geoscientists (BeGEO), Naples 7-10 October 2021.
- VIII Italian Young Geomorphologists' Days, Milan 26-28 June 2019.

Chaired meetings

- Session chair: *Towards the Anthropocene: human-landscape interaction and geoarchaeological challenges*. EGU General Assembly 2022, Vienna, 3–8 April 2022.
- Session co-chair: *Geoarchaeological records of human-landscape interaction: from a nature-dominated world to the Anthropocene*. GM12.7. EGU General Assembly 2021, Gather Online, 19–30 April 2021.
- Session co-chair: *Co-production and evolution in human-landscape interaction: from geoarchaeological records to geomorphological dynamics and human influence*. ITS2.2/GM12.5. EGU General Assembly 2020, Sharing Geoscience Online, 4-8 May 2020.

Invited lectures

- *Just over there: the role of short-range aeolian transport in mountain systems*. Geological Service of Israel (GSI) Soil meetings, online 14 September 2020.

EDITORIAL ACTIVITY, SOCIETY AFFILIATIONS AND COMMITTEES

Editorial duties

- Technical editor: *Alpine and Mediterranean Quaternary (AMQ)* 2020-current
- Editor in Chief: *Quaternary Perspectives: the INQUA Newsletter* 2019-current

Scientific associations

- INQUA (International Union for Quaternary Research) 2017-current
 - *Member of the INQUA ECR Committee* 2019-current
- INQUA TERPRO Commission on Terrestrial Processes, Deposits and History 2017-current
 - *ECR Representative for INQUA TERPRO Commission on Terrestrial Processes, Deposits and History, 2019-current*
- INQUA TERPRO International Focus Group GEODUST, Geomorphology of dust sources and dynamics of dust emission from different geomorphic units 2017-current
- AEA (Association for Environmental Archaeologists) 2020-current
- AIGeo (Italian Association for Geomorphology and Physical Geography) 2018-current
- SISN (Italian Society of Natural Science) 2018-current
 - *Member of the SISN Council* 2019-2022

SCIENTIFIC PRODUCTION

Full papers

1. Mariani G.S., Melis R.T. *Exploring the potential of archaeogeosites valorization through climate change. A preliminary case from Sardinia (Italy)*. Geoheritage (under review).
2. Livio F.A., Zerboni A., Ferrario M.F., Mariani G.S., Martinelli E., Amit R. *Dating the onset of a deep-seated gravitational movements in un-glaciated areas of the Central Southern Alps (Cavargna Valley, Northern Italy)*. Landslides (published online). DOI: 10.1007/s10346-022-01892-w
3. Cancellieri E., Bel Hadj Brahim H., Ben Nasr J., Ben Fraj T., Boussouffara R., Di Matteo M., Mercier N., Marnaoui M., Monaco A., Richard M., Mariani G.S., Scancarello O., Zerboni A., Di Lernia S., 2022. *A late Middle Pleistocene Middle Stone Age sequence identified at Wadi Lazalim in southern Tunisia*. Scientific Reports 12, 3996. DOI: 10.1038/s41598-022-07816-x
4. Forti L., Mariani G.S., Brandolini, F., Pezzotta A., Zerboni A., 2022. *Declassified intelligence satellite imagery as a tool to reconstruct past landforms and surface processes. The submerged riverscape of the Tigris River below the Mosul Dam Lake, Iraq*. Earth surface Processes and Landforms (published online). DOI: 10.1002/esp.5389
5. Florenzano A., Zerboni A., Carter J.C., Clò E., Mariani G.S., Mercuri A.M., 2022. *Environmental and land use changes in a Mediterranean landscape: Palynology and geoarchaeology at ancient Metapontum (Pantanello, Southern Italy)*. Quaternary International (published online). DOI: 10.1016/j.quaint.2022.01.004
6. Mariani G.S., Brandolini F., Melis R.T., 2022. *Landscape and geology as controls on Bronze Age human dispersal: a case study from Sardinia (Italy)*. Journal of Maps (published online). DOI: 10.1080/17445647.2021.1999339

7. Spinapolice E.E., Zerboni A., Talamo S., Mariani G.S., Gliganic L.A., Buti L., Fusco M., Maiorano M.P., Silvestrini S., Sorrentino R., Vazzana A., Romandini M., Fiorini A., Curci A., Meyer M., Benazzi S., 2022. *Back to Uluzzo. Archaeological, palaeoenvironmental, and chronological context of the Mid-Upper Palaeolithic sequence at Uluzzo C rock shelter (Apulia, Southern Italy)*. *Journal of Quaternary Science* 37(2), 217-234. DOI: 10.1002/jqs.3349
8. Forti L., Perego A., Brandolini, F., Mariani G.S., Zebari M., Nicoll K., Regattieri E., Conati Barbaro C., Morandi Bonacossi D., Cremaschi M., Zerboni A., 2021. *Geomorphology of the northwestern Kurdistan Region of Iraq: landscapes of the Zagros Mountains drained by the Tigris and Great Zab Rivers*. *Journal of Maps* 17(2), 225-236. DOI: 10.1080/17445647.2021.1906339
9. Masseroli A., Villa S., Mariani G.S., Bollati I., Pelfini M., Sebag D., Verrecchia E.P., Trombino L., 2021. *Reconsidering the compound effect of geomorphology, vegetation, and climate change on paleopedogenesis in sensitive environments (Northern Apennines, Italy)*. *Catena* 197, 104951. DOI: 10.1016/j.catena.2020.104951
10. Brandolini F., Cremaschi M., Degli Esposti M., Lischi S., Mariani G.S., Zerboni A., 2021. *SfM-photogrammetry for fast recording of archaeological features in remote areas*. *Archeologia e Calcolatori*, 31(2), 33-45. DOI: 10.19282/ac.31.2.2020.04
11. Zerboni A., Degli Esposti M., Wu Y-L., Brandolini F., Mariani G.S., Villa F., Lotti P., Cappitelli F., Sasso M., Rizzi A., Gatta D.G., Cremaschi M., 2021. *Age, palaeoenvironment, and preservation of prehistoric petroglyphs on a boulder in the oasis of Salut (northern Sultanate of Oman)*. *Quaternary International* 572, 106-119. DOI: 10.1016/j.quaint.2019.06.040
12. Mariani G.S., Zerboni A., 2020. *Surface Geomorphological Features of Deep-Seated Gravitational Slope Deformations: A Look to the Role of Lithostructure (N Apennines, Italy)*. *Geosciences* 2020, 10(9), 334. DOI: 10.3390/geosciences10090334
13. Mariani G.S., Muntoni I.M., Zerboni A., 2020. *The Eneolithic/Bronze Age transition at Tegole di Bovino (Apulia): geoarchaeological evidence of climate change and land-use shifts*. *Quaternary* 3(2), 14. DOI: 10.3390/quat3020014.
14. Zerboni A., Mariani G.S., Castelletti L., Amit R., Ferrari E.S., Tremari M., Livio F., 2020. *Was the Little Ice Age the coolest Holocene climatic period in the Italian central Alps?* *Progress in Physical Geography* 44(4) 495–513. DOI: 10.1177/0309133319881105
15. Zerboni A., Brandolini F., Mariani G.S., Perego A., Salvatori S., Usai D., Pelfini M., Williams, M.A.J. *The Khartoum-Omdurman conurbation: a growing megacity at the confluence of the Blue and White Nile Rivers*. *Journal of Maps* 17(4), 227-240. DOI: 10.1080/17445647.2020.1758810.
16. Hirniak J., Smith E., Johnsen R., Ren M., Hodgkins J., Orr C., Negrino F., Riel-Salvatore J., Fitch S., Miller C., Zerboni A., Mariani G.S., Harris J., Gravel-Miguel C., Strait D., Peresani M., Benazzi S., Marean C.W., 2020. *Discovery of cryptotephra at Middle-Upper Paleolithic sites Arma Veirana and Riparo Bombrini, Italy: A new link for broader geographic correlations*. *Journal of Quaternary Science* 35/1-2, 199-212. DOI: 10.1002/jqs.3158
17. Van Neer W., Alhaique F., Wouters W., Dierickx K., Gala M., Goffette Q., Mariani G.S., Zerboni A., di Lernia S., 2020. *Aquatic fauna from the Takarkori rock shelter reveals the Holocene central Saharan climate and palaeohydrography*. *PLOS One* 15/2. DOI: 10.1371/journal.pone.0228588
18. Zerboni A, Perego A., Mariani G.S., Brandolini F., Al Kindi M., Regattieri E., Zanchetta G., Borgi F., Charpentier V., Cremaschi M., 2020. *Geomorphology of the Jebel Qara and coastal plain of Salalah (Dhofar, southern Sultanate of Oman)*. *Journal of Maps* 16/2, 187-198. DOI: 10.1080/17445647.2019.1708488
19. Mariani G.S., Brandolini F., Pelfini M., Zerboni A., 2019. *Matilda's castles, northern Apennines: geological and geomorphological constrains*. *Journal of Maps* 15/2, 521-529. DOI: 10.1080/17445647.2019.1625823
20. Mariani G.S., Compostella C., Trombino L., 2019. *Complex climate-induced changes in soil development as markers for the Little Ice Age in the Northern Apennines (Italy)*. *Catena* 181, 104074. DOI: 10.1016/j.catena.2019.104074
21. Cremaschi M., Mercuri A.M., Benatti A., Bosi G., Brandolini F., Clò E., Florenzano A., Furia E., Mariani G.S., Mazzanti M., Montecchi M.C., Rattighieri E., Rinaldi R., Torri P., Zerboni A., 2018. *The*

- SUCCESSO-TERRA Project: a lesson of sustainability from the Terramare culture, Middle Bronze Age of the Po Plain (Northern Italy)*. IANSA IX/2, 221-229. DOI: 10.24916/iansa.2018.2.8
22. Zerboni A., Amit R., Baroni C., Coltorti M., Ferrario M.F., Fioraso G., Forno M.G., Frigerio C., Gianotti F., Irace A., Livio F., Mariani G.S., Michetti A.M., Monegato G., Mozzi P., Orombelli G., Perego A., Porat N., Rellini R., Trombino L., Cremaschi M., 2018. *Towards a map of the Upper Pleistocene loess of the Po Plain Loess Basin (Northern Italy)*. *Alpine and Mediterranean Quaternary* 31, 253-256. DOI: 10.26382/AIQUA.2018.AIQUAconference
 23. Mariani G.S., Cremaschi M., Zerboni A., Zuccoli L., Trombino L., 2018. *Geomorphology of the Mt. Cusna Ridge (Northern Apennines, Italy): evolution of a Holocene landscape*. *Journal of Maps* 14(2), 392-401. DOI: 10.1080/17445647.2018.1480976
 24. Compostella C., Mariani G.S., Trombino L., 2014. *Holocene environmental history at the treeline in the Northern Apennines, Italy: a micromorphological approach*. *The Holocene* 24(4), 393-404. DOI: 10.1177/0959683613518588

Book chapters

1. Mariani G.S., Cremaschi M., 2021. *Aspetti micromorfologici del riempimento dei pozzi e delle unità stratigrafiche correlate della Recinzione e del Fossato*. In: Cremaschi M., Pizzi C., (eds). *Terramara Santa Rosa di Poviglio. Le strutture idrauliche al margine del Villaggio Grande (scavi 1998 – 2011)*. *Origines* 35, Istituto Italiano di Preistoria e Protostoria, Firenze, 89-101.
2. Cremaschi M., Mariani G.S., 2021. *Natura, provenienza e funzione dei materiali lapidei*. In: Cremaschi M., Pizzi C., (eds). *Terramara Santa Rosa di Poviglio. Le strutture idrauliche al margine del Villaggio Grande (scavi 1998 – 2011)*. *Origines* 35, Istituto Italiano di Preistoria e Protostoria, Firenze, 349-355.

Abstract books

1. Mariani G.S., Brandolini F., Melis R.T., 2022. *Insights into the role of geology in human occupation strategies in Bronze Age Sardinia (Italy)*. *Geophysical Research Abstracts*, Vol. 24, EGU22-9549. DOI: 10.5194/egusphere-egu22-9549
2. Nicoll K., Mariani G.S., Melis R.T., 2022. *Palaeosol evolution and human disturbance on Mediterranean coastal pedosequences (SW Sardinia, Italy)*. *Geophysical Research Abstracts*, Vol. 24, EGU22-11536. DOI: 10.5194/egusphere-egu22-11536
3. Mariani G.S., Melis R.T. *The ancient city and the rising sea. Using archaeogeosites to convey climate awareness*. *Geophysical Research Abstracts*, Vol. 23, EGU21-13293. DOI: 10.5194/egusphere-egu21-13293
4. Forti L., Pezzotta A., Regattieri E., Mariani G.S., Brandolini F., Zerboni A. *Below the Mosul Dam Lake. Geomorphological reconstruction of historical fluvial pattern of the Tigris River*. *Geophysical Research Abstracts*, Vol. 23, EGU21-2952. DOI: 10.5194/egusphere-egu21-2952
5. Mariani G.S., Melis R.T., Orrù P., Deiana G. *Paesaggio costiero e dinamiche insediative nel periodo Fenicio-Punico: l'antica città di Nora (Sardegna)*. In: Chiocci F.L., Budillon F., Ceramicola S., Gamberi F., Loreto M.F., Senatore M.R., Spagnoli F., Sulli A. (Eds.) 2021. *Abstract Book della Società Geologica Italiana, "La geologia marina in Italia, Quarto Convegno dei Geologi Marini Italiani - Roma, 25-26 febbraio 2021"*, p. 51. DOI: 10.3301/ABSGI.2021.01
6. Mariani G.S., Muttoni G., Norini G., Aghib F.S., De Franco R., Piccin A., Zerboni A. *When appearances lie: micropedology of palaeosol markers in a Pleistocene sedimentary record from central Po Plain*. *Geophysical Research Abstracts*, Vol. 22, EGU2020-18674.
7. Melis R.T., Mariani G.S. *The role of archaeological sites in conveying geoheritage awareness: a case from Southwestern Sardinia (Italy)*. *Geophysical Research Abstracts*, Vol. 22, EGU2020-7612.
8. Florenzano A., Mercuri A.M., Benatti A., Bosi G., Brandolini F., Clò E., Furia E., Mariani G.S., Mazzanti M., Montecchi M.C., Rattighieri E., Rinaldi R., Torri P., Zerboni A., Cremaschi M. *The SUCCESSO-*

- TERRA Project: a lesson of sustainability from the Terramare culture, Middle Bronze Age of the Po Plain (Northern Italy)*. Proceedings of the 18th Conference of the International Workgroup for Palaeoethnobotany - IWGP 2019: Lecce, 3-8 June 2019, p. 120 DOI: 10.1285/i9788883051463
9. Miari M., Boccuccia P., Barbieri M., Bosi G., Carra M., Cremaschi M., Curci A., De Angelis A., Gabusi R., Lemorini C., Maini E., Mariani G.S., Mercuri A.M., Pavia F., Scacchetti F., Stellacci S.M. *Gli scavi alla Terramara di Pragatto (BO): dai primi dati al progetto di ricerca*. In: Maffi M. (Ed.) 2019. Atti del Convegno di Studi in onore di Maria Bernabò Brea, Parma 8-9 June 2017. ISBN: 978-88-944711-0-6
 10. Clo E., Torri P., Mercuri A.M., Mariani G.S., Zerboni A., Cremaschi M. *Preliminary palynological results from off-site cores at the Terramara Santa Rosa di Poviglio, N Italy (SUCCESSO-TERRA Project)*. In The Mediterranean Palynological Societies Symposium 2019. Abstract book. Université de Bordeaux, p. 79.
 11. Mariani G.S., Brandolini F., Cremaschi M., Pelfini M., Zerboni A., 2019. *The Road to Canossa revised: using geoarchaeological tools to unveil the interaction between cultural and natural landscapes in Medieval times*. Geophysical Research Abstracts, Vol. 21, EGU2019-8280.
 12. Cremaschi M., Mariani G.S., Brandolini F., Mercuri A.M., 2018. *The site of San Michele di Valestra: new evidence of Apennines exploitation during the Bronze Age (XV–XII cent. -BC, Northern Italy)*. Geophysical Research Abstracts, Vol. 20, EGU2018-14682.
 13. Cremaschi M., Mercuri A.M., Baratti G., Borgi F., Brandolini F., Costanzo S., Degli Esposti M., Isola I., Maini E., Mariani G.S., Mutti A., Provenzano N., Regattieri E., Torri P., Zanchetta G., Zerboni A. *The site of San Michele di Valestra: new evidence of Apennines exploitation during the Bronze Age (XV–XII century BC, N Italy)*. In: Florenzano A., Montecchi M.C., Rinaldi R. (Eds.) 2018. Humans and environmental sustainability: Lessons from the past ecosystems of Europe and Northern Africa. CEA2018 Abstracts book. Modena, Italy. ISBN: 978-88-943442-0-2
 14. Mariani G.S., Compostella C., Trombino L., 2014. *Frost features in soil thin sections as a tool for Holocene reconstruction: a study case from the Northern Apennines*. Geophysical Research Abstracts, Vol. 16, EGU2014-614.

Abstracts

1. Ferrario M.F., Livio F., Zerboni A., Mariani G.S., Martinelli E., Amit R. *Deep-seated gravitational slope deformation in the Cavargna Valley (Central Southern Alps): triggering processes and slope evolution*. Geosciences for a sustainable future. Congresso della Società Geologica Italiana (SGI) e della Società Italiana di Mineralogia e Petrologia (SIMP). 19/21 September 2022, Torino, Italy.
2. Mariani G.S., Brandolini F., Melis R.T. *Using landscape features to understand Bronze Age spatial occupation strategies (Sardinia, Italy)*. Geosciences for a sustainable future. Congresso della Società Geologica Italiana (SGI) e della Società Italiana di Mineralogia e Petrologia (SIMP). 19/21 September 2022, Torino, Italy.
3. Livio F.A., Ferrario M.F., Zerboni A., Amit R., Mariani G.S., Martinelli E., *Seeking seismogenic sources for paleoearthquakes in the Alps: clues from a DSGSD in the Italian Southern Alps*. PATA Days 2022, 25/30 September 2022, Provence, France.
4. Masseroli A., Mariani G.S., Trombino L. *Environmental significance of (paleo)soils surveyed throughout 20 years of research in the Mt. Cusna area (Northern Apennines)*. 10th IAG International Conference on Geomorphology (ICG2022) Coimbra, Portugal, 12-16 September 2022. ICG2022-286.
5. Mariani G.S., Brandolini F., Naitza S., Melis R.T. *Landscape spatial occupation patterns and resource availability in Nuragic Sardinia (Italy): a glimpse of Bronze Age land use strategies*. 9th Developing International Geoarchaeology Conference (DIG2021) University of Algarve, Faro, 17-21 May 2021.
6. Zerboni A., Spinapolice E.E., Meyer M.C., Talamo S., Mariani G.S., Gliganic L.A., Buti L., Fusco M., Maiorano M.P., Silvestrini S., Sorrentino R., Vazzana A., Romandini M., Fiorini A., Curci A., Benazzi S. *Site-forming processes and age of the Mid-Upper Palaeolithic sequence at Uluzzo C Rock Shelter (Apulia, Southern Italy)*. 9th Developing International Geoarchaeology Conference (DIG2021) University of Algarve, Faro, 17-21 May 2021.

7. Ben Fraj T., Cancellieri E., Belhouchet L., Mariani G.S., Mercier N., Mercuri A.M., Richard M., Zerboni A., di Lernia S., Aouadi N. *The geomorphological landscape in the downstream course of Wadi Lazalim (Kebili, Southern Tunisia) and its implications for Middle Pleistocene palaeoenvironment of Northern Sahara*. 3rd Conference of the Arabian Journal of Geosciences (CAJG). Online 2-5 November 2020.
8. Clò E., Furia E., Torri P., Mariani G.S., Zerboni A., Mercuri A.M., Cremaschi M. *Palynology to investigate environmental transformations on a long-term perspective in Pianura Padana: the case study of the Terramara S. Rosa di Poviglio*. 1st Conference of Young Botanists (Cybo), Genova 6-7 February 2020.
9. Mariani G.S. *Exploring the potential of coastal cultural heritage in geotourism: landscape dynamics on archaeological sites in Southwestern Sardinia (Italy)*. Geologia&Turismo International Workshop, Milan and Tunisia, 29 October-2 November 2019.
10. Mariani G.S., Zerboni A., Crouvi O., Cremaschi M., Trombino L. *Short-range aeolian transport in high mountain environments: an overlooked phenomenon*. XX INQUA Congress, Dublin 25-31 July 2019.
11. Cremaschi M., Mercuri A.M., Florenzano A., Clò E., Zanchetta G., Regattieri E., Isola I., Brandolini F., Mariani G.S., Zerboni A. *The collapse of the Terramare culture (Northern Italy): a question of climate change or human overexploitation of natural resources?* XX INQUA Congress, Dublin 25-31 July 2019.
12. Mariani G.S., Cremaschi M., Baroni C., Marini M., Zerboni A. *Reconstructing the Last Glacial Maximum in the Southern Alps: the record of the Adige River Glacial Amphitheatre*. 20th INQUA Congress, Dublin, 25-31 July 2019.
13. Clò E., Torri P., Mercuri A.M., Mariani G.S., Zerboni A., Cremaschi M. *Preliminary palynological results from off-site cores at the Terramara Santa Rosa di Poviglio, N Italy (SUCCESSO-TERRA Project)*. Presentazione poster: The Mediterranean Palynological Societies Symposium 2019 (MedPalyno2019) - Bordeaux, 9-11 July 2019.
14. Mariani G.S., Cremaschi M., Baroni C., Marini M., Pezzotta A., Zerboni A. *Interpreting the landscape in time: the Adige River Glacial Amphitheatre since the Last Glacial Maximum*. VIII Italian Young Geomorphologists' Days, Milan and Veny Valley, 26-28 June 2019, p. 46.
15. Masseroli A., Mariani G.S., Bollati I., Pelfini M., Trombino L. *Soils as useful tool to reconstruct environmental and landscape evolution: the Monte Cusna study case (northern Apennines)*. VIII Italian Young Geomorphologists' Days, Milan and Veny Valley, 26-28 June 2019, p. 47.
16. Mariani G.S., Pelfini M., Zerboni A. *Napoleon in the amphitheatre: geomorphological constraints on tactics and use of terrain during the battle of Rivoli (1797)*. Presentazione poster: The 13th International Conference on Military Geosciences (ICMG19) - Padova, 24-28 June 2019
17. Mariani G.S., Cremaschi M., Trombino L. *Tipping the balance off: human overprint on mountain landscape changes in the high Northern Apennines (Italy)*. Landscape Archaeology Conference LAC2018, Newcastle and Durham 2018, p. 214.
18. Mariani G.S., Brandolini F., Cremaschi M. *Micromorphological evidence of water management and well abandonment phases in the "Terramara Santa Rosa di Poviglio" (N Italy)*. DIG (Developing International Geoarchaeology), Newcastle 2017.
19. Brandolini F., Mariani G.S., Cremaschi M. *Micromorphology of domestic space in an Early Medieval village Anthropogenic Dark Earth from "S. Stefano di Poviglio" (Italy)*. DIG (Developing International Geoarchaeology), Newcastle 2017.
20. Mariani G.S. *Short range transport of dust and aeolian sand and soil aggradation in the Northern Apennines (Italy)*. 2nd GEODUST Meeting; Gobabeb - Namibia, 2017.
21. Mariani G.S., Zerboni A., Amit R., Porat N., Cremaschi M. *The southernmost evidence in Europe for Upper Pleistocene ice-wedge casts in loess (Gajum, North Italy)*. Batsheva de Rothschild Seminar on Atmospheric Dust, Dust Deposits (Loess) and Soils in Deserts and the Desert fringe, Jerusalem and the Negev desert 2015.

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