

Autori	Titolo	Rivista	DOI
Di Capua, Giuseppe Bohle, Martin Hildebrandt, Dominic Marone, Eduardo Peppoloni, Silvia Schneider, Simon	Push for ethical practices in geoscience fieldwork	Nature	10.1038/d41586-021-03837-0
Smittarello, Delphine Smets, Benoit Barrière, Julien Michellier, C Oth, Adrien Shreve, Tara Grandin, R Theys, Nicolas Brenot, Hugues Cayol, Valerie Allard, Patrick Caudron, Corentin Chevrel, Magdalena Oryaëlle Darchambeau, F de Buyl, Pierre Delhay, L Derauw, Dominique Ganci, Gaetana Geirsson, Halldor Kamate Kaleghetso, Ephrem	Precursor-free eruption triggered by edifice rupture at Nyiragongo volcano	Nature	10.1038/s41586-022-05047-8
Halldórsson, Sæmundur Ari Marshall, Edward W Caracciolo, Alberto Matthews, Simon Bali, Enikó Rasmussen, Maja B Ranta, Eemu Robin, Jóhann Gunnarsson Guðfinnsson, Guðmundur H Sigmarrson, Olgeir Maclennan, John Jackson, Matthew G Whitehouse, Martin Jeon, Heejin van der Meer, Quinten Mibei, Geoffrey K Kalliokoski, Maarit Repczynska, Maria Rúnarsdóttir, Rebekka Hlín Giudice, Gaetano	Rapid shifting of a deep magmatic source at Fagradalsfjall volcano, Iceland	Nature	10.1038/s41586-022-04981-x
Bilitza, Dieter Pezzopane, Michael Truhlik, Vladimir Altadill, David Reinisch, Bodo Pignalberi, Alessio	The International Reference Ionosphere Model: A Review and Description of an Ionospheric Benchmark	Reviews of Geophysics	10.1029/2022RG000792
Florindo, Fabio Carlton, Annmarie D'Odorico, Paolo Duan, Qingyun Halekas, Jasper Mollenhauer, Gesine Rohling, Eelco Bingham, Robert G Brodsky, Emily Crucifix, Michel Gettelman, Andrew Robock, Alan	Thank You to Our 2021 Peer Reviewers	Reviews of Geophysics	10.1029/2022RG000779

<p>Arzilli, Fabio Polacci, Margherita La Spina, Giuseppe Le Gall, Nolwenn LLewellin, Edward Brooker, Richard A Torres-Orozco, Rafael Di Genova, Danilo Neave, David A Hartley, Margaret Mader, Heidi Giordano, Daniele Atwood, Robert Lee, Peter Heidelberg, Florian Burton, Mike</p>	<p>Dendritic crystallization in hydrous basaltic magmas controls magma mobility within the Earth's crust</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-30890-8</p>
<p>Mildon, Zoe K Roberts, Gerald P Faure Walker, Joanna Beck, Joakim Papanikolaou, Ioannis Michetti, Alessandro Maria Toda, Shinji Iezzi, Francesco Campbell, Lucy McCaffrey, Kenneth J. W. Shanks, Richard Sgambato, Claudia Robertson, Jennifer Meschis, Marco Vittori, Eutizio</p>	<p>Surface faulting earthquake clustering controlled by fault and shear-zone interactions</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-34821-5</p>
<p>Collettini, Cristiano Barchi, Massimiliano Rinaldo De Paola, N. Trippetta, Fabio Tinti, Elisa</p>	<p>Rock and fault rheology explain differences between on fault and distributed seismicity</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-33373-y</p>
<p>Tamburello, Giancarlo Chiodini, Giovanni Ciotoli, Giancarlo Procesi, Monia Rouwet, Dmitri Sandri, Laura Carbonara, N Masciantonio, Chiara</p>	<p>Global thermal spring distribution and relationship to endogenous and exogenous factors</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-34115-w</p>
<p>Jousset, Philippe Currenti, Gilda Schwarz, Benjamin Chalari, Athena Tilmann, Frederik Reinsch, Thomas Zuccarello, Luciano Privitera, Eugenio Krawczyk, Charlotte M</p>	<p>Fibre optic distributed acoustic sensing of volcanic events</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-29184-w</p>
<p>Oehri, Jacqueline Schaeppman-Strub, Gabriela Kim, Jin-Soo Grysko, Raleigh Kropp, Heather Grünberg, Inge Zemlianskii, Vitalii Sonnentag, Oliver Euskirchen, Eugénie S Reji Chacko, Merin Muscari, Giovanni Blanken, Peter Dean, Joshua di Sarra, Alcide Harding, Richard Sobota, Ireneusz</p>	<p>Vegetation type is an important predictor of the arctic summer land surface energy budget</p>	<p>Nature Communications</p>	<p>10.1038/s41467-022-34049-3</p>

Kutzbach, Lars Plekhanova, Elena Riihelä, Aku Boike, Julia			
Selva, Jacopo Sandri, Laura Taroni, Matteo Sulpizio, Roberto Tierz, Pablo Costa, Antonio	A simple two-state model interprets temporal modulations in eruptive activity and enhances multivolcano hazard quantification	Science Advances	10.1126/sciadv.abq4415
De Santis, Angelo Perrone, Loredana Calcara, Massimo Campuzano, Saioa Arquero Cianchini, Gianfranco D'Arcangelo, Serena Di Mauro, Domenico Marchetti, Dedalo Nardi, Adriano Orlando, Martina Piscini, Alessandro Sabbagh, Dario Soldani, Maurizio	A comprehensive multiparametric and multilayer approach to study the preparation phase of large earthquakes from ground to space: The case study of the June 15 2019, M7.2 Kermadec Islands (New Zealand) earthquake	Remote Sensing of Environment	10.1016/j.rse.2022.113325
Sparacino, Federica Galuzzi, Bruno Giovanni Palano, Mimmo Segou, Margarita Chiarabba, Claudio	Seismic coupling for the Aegean - Anatolian region	Earth-Science Reviews	10.1016/j.earscirev.2022.103993
Doronzo, Domenico Maria Di Vito, Mauro Antonio Arienzo, Ilenia Bini, Monica Calusi, Benedetta Cerminara, Matteo Corradini, Stefano de Vita, Sandro Giaccio, Biagio Gurioli, Lucia Mannella, Giorgio Ricciardi, Giovanni Pasquale Rucco, Ilaria Sparice, Domenico Todesco, Micol Trasatti, Elisa Zanchetta, Giovanni	The 79 CE eruption of Vesuvius: A lesson from the past and the need of a multidisciplinary approach for developments in volcanology	Earth-science Reviews	10.1016/j.earscirev.2022.104072
Matamales Andreu, Rafel Mujal, Eudald Dinarès Turell, Jaume Kustatscher, Evelyn Roghi, Guido Oms, Oriol Galobart, Àngel Fortuny, Josep	Early–middle Permian ecosystems of equatorial Pangaea: Integrated multi-stratigraphic and palaeontological review of the Permian of Mallorca (Balearic Islands, western Mediterranean)	Earth-Science Reviews	10.1016/j.earscirev.2022.103948
Di Luccio, Francesca Palano, Mimmo Chiodini, Giovanni Cucci, Luigi Piomallo, Claudia Sparacino, Federica Ventura, Guido Improta, Luigi Cardellini, Carlo Persaud, Patricia Pizzino, Luca Calderoni, Giovanna	Geodynamics, geophysical and geochemical observations, and the role of CO ₂ degassing in the Apennines	Earth-Science Reviews	10.1016/j.earscirev.2022.104236

Castellano, Corrado Cianchini, Gianfranco Cianetti, Spina Cinti, Daniele Cusano, Paola De Gori, Pasquale De Santis, Angelo Del Gaudio, Pierdomenico			
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Winkler, Aldo Contardo, Tania Lapenta, Virginia Sgamellotti, Antonio Loppi, Stefano	Assessing the impact of vehicular particulate matter on cultural heritage by magnetic biomonitoring at Villa Farnesina in Rome, Italy	Science of The Total Environment	10.1016/j.scitotenv.2022.1537 29
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Coletti, Chiara Ciotoli, Giancarlo Benà, Eleonora Brattich, Erika Cinelli, Giorgia Galgaro, Antonio Massironi, Matteo Mazzoli, Claudio Mostacci, Domiziano Morozzi, Pietro Mozzi, Paolo Nava, Jacopo Ruggiero, Livio Sciarra, Alessandra Tositti, Laura Sassi, Raffaele	The assessment of local geological factors for the construction of a Geogenic Radon Potential map using regression kriging. A case study from the Euganean Hills volcanic district (Italy)	Science of The Total Environment	10.1016/j.scitotenv.2021.1520 64
Falanga, Mariarosaria De Lauro, Enza Petrosino, Simona Rincon-Yanez, Diego Senatore, Sabrina	Semantically Enhanced IoT-Oriented Seismic Event Detection: An Application to Colima and Vesuvius Volcanoes	IEEE Internet of Things Journal	10.1109/JIOT.2022.3148786
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Pignalberi, Alessio Pietrella, Marco Pezzopane, Michael Nava, Bruno Cesaroni, Claudio	The Ionospheric Equivalent Slab Thickness: A Review Supported by a Global Climatological Study Over Two Solar Cycles	Space Science Reviews	10.1007/s11214-022-00909-z
Galderisi, Antonio Iezzi, Gianluca Bianchini, G. Paris, Eleonora de Brito, Jorge	Petrography of construction and demolition waste (CDW) from Abruzzo region (Central Italy)	Waste management	10.1016/j.wasman.2021.10.028
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Polcari, Marco Borgstrom, Sven Del Gaudio, Carlo De Martino, Prospero Ricco, Ciro Siniscalchi, Valeria Trasatti, Elisa	Thirty years of volcano geodesy from space at Campi Flegrei caldera (Italy)	Scientific Data	10.1038/s41597-022-01849-7
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Luppichini, Marco Bini, Monica Barsanti, Michele Giannecchini, Roberto Zanchetta, Giovanni	Seasonal rainfall trends of a key Mediterranean area in relation to large-scale atmospheric circulation: How does current global change affect the rainfall regime?	Journal of Hydrology	10.1016/j.jhydrol.2022.128233
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Zuccarello, Francesco Schiavi, Federica Viccaro, Marco	The eruption run-up at Mt. Etna volcano: constraining magma decompression rates and their relationships with the final eruptive energy	Earth and Planetary Science Letters	10.1016/j.epsl.2022.117821
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Todrani, Alessandro Speranza, Fabio D'Agostino, Nicola Zhang, Bo	Post-50 Ma Evolution of India-Asia Collision Zone From Paleomagnetic and GPS Data: Greater India Indentation to Eastward Tibet Flow	Geophysical Research Letters	10.1029/2021GL096623
Antoni-Micollier, Laura Carbone, Daniele Ménoret, Vincent Lautier-Gaud, Jean King, Thomas Greco, Filippo Messina, Alfio Contrafatto, Danilo Desruelle, Bruno	Detecting volcano-related underground mass changes with a quantum gravimeter	Geophysical Research Letters	10.1029/2022GL097814
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Censi, Paolo Zuddas, Pierpaolo Caracausi, Antonio Sortino, Francesco Cangemi, Marianna Piazzese, Daniela Censi, Valentina Falcone, Edda Elisa	Anomalous Behavior of Zirconium and Hafnium in Volcanic Fumarolic Fluids	Geophysical Research Letters	10.1029/2021GL094674
Zuccarello, Luciano De Angelis, Silvio Minio, Vittorio Saccorotti, Gilberto Bean, Christopher J Paratore, Mario Ibanez, Jesús M	Volcanic Tremor Tracks Changes in Multi-Vent Activity at Mt. Etna, Italy: Evidence From Analyses of Seismic Array Data	Geophysical Research Letters	10.1029/2022GL100056
Bruno, Valentina Aloisi, Marco Gambino, Salvatore Mattia, Mario Ferlito, Carmelo Rossi, Massimo	The Most Intense Deflation of the Last Two Decades at Mt. Etna: The 2019–2021 Evolution of Ground Deformation and Modeled Pressure Sources	Geophysical Research Letters	10.1029/2021GL095195
Guardo, Roberto De Siena, Luca Prudencio, Janire Ventura, Guido	Imaging the Absorbing Feeding and Eruptive Pathways of Deception Island, Antarctica	Geophysical Research Letters	10.1029/2022GL099540

Carnevale, Gabriele Caracausi, Antonio Rotolo, Silvio Giuseppe Paternoster, Michele Zanon, Vittorio	New Inferences on Magma Dynamics in Melilitite-Carbonatite Volcanoes: The Case Study of Mt. Vulture (Southern Italy)	Geophysical Research Letters	10.1029/2022GL099075
Delage, Pierre Castillo Betancourt, Juan Pablo Caicedo, Bernardo Karakostas, Foivos De Laure, Emmanuel Lognonné, Philippe Antonangeli, Daniele Banerdt, Bruce	The interaction between the SEIS seismometer of the InSight Martian mission and a regolith simulant	Géotechnique	10.1680/jgeot.21.00171
Magli, Andrea Branca, Stefano Speranza, Fabio Risica, Gilda Siravo, Gaia Giordano, Guido	Paleomagnetic dating of pre-historic lava flows from the urban district of Catania (Etna volcano, Italy)	GSA Bulletin	10.1130/B36026.1
Zhang, Bo Chen, Siyu Y Wang, Y Reiners, P. W. Cai, F. L. Speranza, Fabio Zhang, J. J. Zhong, D.L. Liu, K	Crustal deformation and exhumation within the India-Eurasia oblique convergence zone: New insights from the Ailao Shan-Red River shear zone	GSA Bulletin	10.1130/B35975.1
Todaro, Simona Agosta, Fabrizio Parrino, Nicolò Cavalcante, F Di Stefano, Pietro Giarrusso, R Pepe, Fabrizio Renda, Pietro Tondi, Emanuele	Fracture stratigraphy and oil first migration in Triassic shales, Favignana Island, western Sicily, Italy	Marine and Petroleum Geology	10.1016/j.marpetgeo.2021.105 400
Mancinelli, Paolo Scisciani, Vittorio Pauselli, Cristina Stampfli, Gérard M Speranza, Fabio Vasiljević, Ivana	Back-arc underplating provided crustal accretion affecting topography and sedimentation in the Adria microplate	Marine and Petroleum Geology	10.1016/j.marpetgeo.2021.105 470
D'Angelo, Giulia Piersanti, Mirko Battiston, Roberto Bertello, Igor Carbone, Vincenzo Cicone, Antonio Diego, Piero Papini, Emanuele Parmentier, Alexandra Picozza, Piergiorgio Plainaki, Christina Recchiuti, Dario Sparvoli, Roberta Ubertini, Pietro	Haiti Earthquake (Mw 7.2): Magnetospheric– Ionospheric–Lithospheric Coupling during and after the Main Shock on 14 August 2021	Remote Sensing	10.3390/rs14215340
Romagnoli, Claudia Bosman, Alessandro Casalbore, Daniele Anzidei, Marco Doumaz, Fawzi Bonaventura, Fabiana Meli, Matteo Verdirame, Carmelo	Coastal Erosion and Flooding Threaten Low- Lying Coastal Tracts at Lipari (Aeolian Islands, Italy)	Remote Sensing	10.3390/rs14132960
Meschis, Marco Teza, Giordano Serpelloni, Enrico Elia, Letizia Lattanzi,	Refining Rates of Active Crustal Deformation in the Upper Plate of	Remote Sensing	10.3390/rs14215303

Giovanni Di Donato, Miriana Castellaro, Silvia	Subduction Zones, Implied by Geological and Geodetic Data: The E- Dipping West Crati Fault, Southern Italy		
Akhoondzadeh, Mehdi De Santis, Angelo Marchetti, Dedalo Wang, Ting	Developing a Deep Learning-Based Detector of Magnetic, Ne, Te and TEC Anomalies from Swarm Satellites: The Case of Mw 7.1 2021 Japan Earthquake	Remote Sensing	10.3390/rs14071582
Consolini, Giuseppe Quattrociochi, Virgilio Benella, Simone De Michelis, Paola Alberti, Tommaso Piersanti, Mirko Marcucci, Maria Federica	On Turbulent Features of $E \times B$ Plasma Motion in the Auroral Topside Ionosphere: Some Results from CSES-01 Satellite	Remote Sensing	10.3390/rs14081936
Bottari, Carla Capizzi, Patrizia Martorana, Raffaele Azzaro, Raffaele Branca, Stefano Civico, Riccardo Fucile, Mario Pecora, Emilio	Diagnostic Multidisciplinary Investigations for Cultural Heritage at Etna Volcano: A Case Study from the 1669 Eruption in the Mother Church at the Old Settlement of Misterbianco	Remote Sensing	10.3390/rs14102388
Giannattasio, Fabio Pignalberi, Alessio De Michelis, Paola Coco, Igino Pezzopane, Michael Tozzi, Roberta Consolini, Giuseppe	Parallel Electrical Conductivity at Low and Middle Latitudes in the Topside Ionosphere Derived from CSES-01 Measurements	Remote Sensing	10.3390/rs14205079
Casalbore, Daniele Di Traglia, Federico Romagnoli, Claudia Favalli, Massimiliano Gracchi, Teresa Tacconi Stefanelli, Carlo Nolesini, Teresa Rossi, Guglielmo Del Soldato, Matteo Manzella, Irene Cole, Paul Casagli, Nicola Chiocci, Francesco Latino	Integration of Remote Sensing and Offshore Geophysical Data for Monitoring the Short- Term Morphological Evolution of an Active Volcanic Flank: A Case Study from Stromboli Island	Remote Sensing	10.3390/rs14184605
D'Arcangelo, Serena Bonforte, Alessandro De Santis, Angelo Maugeri, Salvatore Roberto Perrone, Loredana Soldani, Maurizio Arena, Giovanni Brogi, Federico Calcara, Massimo Campuzano, Saioa Arquero Cianchini, Gianfranco Del Corpo, Alfredo Di Mauro, Domenico Fidani, Cristiano Ippolito, Alessandro Lepidi, Stefania Marchetti, Dedalo	A Multi-Parametric and Multi-Layer Study to Investigate the Largest 2022 Hunga Tonga– Hunga Ha'apai Eruptions	Remote Sensing	10.3390/rs14153649

Nardi, Adriano Orlando, Martina Piscini, Alessandro			
Marchetti, Dedalo De Santis, Angelo Campuzano, Saioa Arquero Zhu, Kaiguang Soldani, Maurizio D'Arcangelo, Serena Orlando, Martina Wang, Ting Cianchini, Gianfranco Di Mauro, Domenico Ippolito, Alessandro Nardi, Adriano Sabbagh, Dario Chen, Wenqi He, Xiaodan Shen, Xuhui Wen, Jiami Zhang, Donghua Zhang, Hanshuo Zhang, Yiqun	Worldwide Statistical Correlation of Eight Years of Swarm Satellite Data with M5.5+ Earthquakes: New Hints about the Preseismic Phenomena from Space	Remote Sensing	10.3390/rs14112649
Regi, Mauro Guarnieri, Antonio Lepidi, Stefania Di Mauro, Domenico	Signature of Tidal Sea Level in Geomagnetic Field Variations at Island Lampedusa (Italy) Observatory	Remote Sensing	10.3390/rs14246203
Calvari, Sonia Biale, Emilio Bonaccorso, Alessandro Cannata, Andrea Carleo, Luigi Currenti, Gilda Di Grazia, Giuseppe Ganci, Gaetana Iozzia, Adriana Pecora, Emilio Prestifilippo, Michele Sciotto, Mariangela Scollo, Simona	Explosive Paroxysmal Events at Etna Volcano of Different Magnitude and Intensity Explored through a Multidisciplinary Monitoring System	Remote Sensing	10.3390/rs14164006
De Michelis, Paola Consolini, Giuseppe Alberti, Tommaso Tozzi, Roberta Giannattasio, Fabio Coco, Igino Pezzopane, Michael Pignalberi, Alessio	Magnetic Field and Electron Density Scaling Properties in the Equatorial Plasma Bubbles	Remote Sensing	10.3390/rs14040918
Alparone, Salvatore Bonforte, Alessandro Gambino, Salvatore Grassi, Sabrina Guglielmino, Francesco Latino, Federico Morreale, Gabriele Patti, Graziano Privitera, Laura Obrizzo, Francesco Ursino, Andrea Imposa, Sebastiano	Characterization of an Active Fault through a Multiparametric Investigation: The Trecastagni Fault and Its Relationship with the Dynamics of Mt. Etna Volcano (Sicily, Italy)	Remote Sensing	10.3390/rs14194760
Costanzo, Antonio Falcone, Sergio La Piana, Carmelo Lapenta, Virginia Musacchio, Massimo Sgamellotti, Antonio Buongiorno, Maria Fabrizia	Laser Scanning Investigation and Geophysical Monitoring to Characterise Cultural Heritage Current State and Threat by Traffic- Induce Vibrations: The Villa Farnesina in Rome	Remote Sensing	10.3390/rs14225818

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Inguaggiato, Salvatore Vita, Fabio Diliberto, Iole Serena Mazot, Agnes Calderone, Lorenzo Mastrolia, Andrea Corrao, Marco	The Extensive Parameters as a Tool to Monitoring the Volcanic Activity: The Case Study of Vulcano Island (Italy)	Remote Sensing	10.3390/rs14051283
Pignalberi, Alessio Pezzopane, Michael Coco, Igino Piersanti, Mirko Giannattasio, Fabio De Michelis, Paola Tozzi, Roberta Consolini, Giuseppe	Inter-Calibration and Statistical Validation of Topside Ionosphere Electron Density Observations Made by CSES-01 Mission	Remote Sensing	10.3390/rs14184679
Corradino, Claudia Amato, Eleonora Torrisi, Federica Del Negro, Ciro	Data-Driven Random Forest Models for Detecting Volcanic Hot Spots in Sentinel-2 MSI Images	Remote Sensing	10.3390/rs14174370
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Rabuffi, Federico Silvestri, Malvina Musacchio, Massimo Romaniello, Vito Buongiorno, Maria Fabrizia	A Statistical Approach to Satellite Time Series Analysis to Detect Changes in Thermal Activities: The Vulcano Island 2021 Crisis	Remote Sensing	10.3390/rs14163933
Calvari, Sonia Nunnari, Giuseppe	Etna Output Rate during the Last Decade (2011–2022): Insights for Hazard Assessment	Remote Sensing	10.3390/rs14236183
Famiglietti, Nicola Angelo Golshadi, Zeinab Vallianatos, Filippou Caputo, Riccardo Kouli, Maria Sakkas, Vassilis Atzori, Simone Moschillo, Raffaele Cecere, Gianpaolo D'Ambrosio, Ciriaco Vicari, Annamaria	The 2021 Greece Central Crete ML 5.8 Earthquake: An Example of Coalescent Fault Segments Reconstructed from InSAR and GNSS Data	Remote Sensing	10.3390/rs14225783

Calvari, Sonia Bonaccorso, Alessandro Cappello, Annalisa Giudicepietro, Flora Sansosti, Eugenio	Volcanic Processes Monitoring and Hazard Assessment Using Integration of Remote Sensing and Ground-Based Techniques	Remote Sensing	10.3390/rs14153626
Giudicepietro, Flora Calvari, Sonia D'Auria, Luca Di Traglia, Federico Layer, Lukas Macedonio, Giovanni Caputo, Teresa De Cesare, Walter Ganci, Gaetana Martini, Marcello Orazi, Massimo Peluso, Rosario Scarpato, Giovanni Spina, Laura Nolesini, Teresa Casagli, Nicola Tramelli, Anna Esposito, Antonietta M.	Changes in the Eruptive Style of Stromboli Volcano before the 2019 Paroxysmal Phase Discovered through SOM Clustering of Seismo-Acoustic Features Compared with Camera Images and GBInSAR Data	Remote Sensing	10.3390/rs14051287
Lovati, Giulia De Michelis, Paola Consolini, Giuseppe Berrilli, Francesco	Pressure-Gradient Current at High Latitude from Swarm Measurements	Remote Sensing	10.3390/rs14061428
Palano, Mimmo	Editorial for the Special Issue: "Ground Deformation Patterns Detection by InSAR and GNSS Techniques"	Remote Sensing	10.3390/rs14051104
Marchese, Francesco Filizzola, Carolina Lacava, Teodosio Falconieri, Alfredo Faruolo, Mariapia Genzano, Nicola Mazzeo, Giuseppe Pietrapertosa, Carla Pergola, Nicola Tramutoli, Valerio Neri, Marco	Correction: Marchese et al. Mt. Etna Paroxysms of February–April 2021 Monitored and Quantified through a Multi-Platform Satellite Observing System. Remote Sens. 2021, 13, 3074	Remote Sensing	10.3390/rs14122746
Giannattasio, Fabio	Ionosphere Monitoring with Remote Sensing	Remote Sensing	10.3390/rs14215325
Guerrero Tello, José Francisco Coltelli, Mauro Marsella, Maria Celauro, Angela Palenzuela Baena, José Antonio	Convolutional Neural Network Algorithms for Semantic Segmentation of Volcanic Ash Plumes Using Visible Camera Imagery	Remote Sensing	10.3390/rs14184477
Calvari, Sonia Nunnari, Giuseppe	Comparison between Automated and Manual Detection of Lava Fountains from Fixed Monitoring Thermal Cameras at Etna Volcano, Italy	Remote Sensing	10.3390/rs14102392
Caputo, Teresa Mormone, Angela Marino, Ermanno Balassone, Giuseppina Piochi, Monica	Remote Sensing and Mineralogical Analyses: A First Application to the Highly Active Hydrothermal Discharge	Remote Sensing	10.3390/rs14153526

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Giammello, Giuseppe Firetto Carlino, Marco Coltelli, Mauro	Automatic Detection of the Explosive Activity of the Mt. Etna Volcano through Doppler Radar Monitoring	Remote Sensing	10.3390/rs14225663
Patanè, Domenico Tusa, Giuseppina Yang, William Astuti, Antonio Colino, Antonio Costanza, Antonio D'Anna, Giuseppe Di Prima, Sergio Fertitta, Gioacchino Mangiagli, Salvatore Martino, Claudio Torrìsi, Orazio	The Urban Seismic Observatory of Catania (Italy): A Real-Time Seismic Monitoring at Urban Scale	Remote Sensing	10.3390/rs14112583
Scardino, Giovanni Anzidei, Marco Petio, Paolo Serpelloni, Enrico De Santis, Vincenzo Rizzo, Angela Liso, Isabella Serena Zingaro, Marina Capolongo, Domenico Vecchio, Antonio Refice, Alberto Scicchitano, Giovanni	Sea-level rise and land subsidence of low-lying coasts: the study case of Tavoliere delle Puglie (Southern Italy)	Remote Sensing	10.5194/icg2022-176
Rogic, Nikola Bilotta, Giuseppe Ganci, Gaetana Thompson, James Cappello, Annalisa Rymer, Hazel Ramsey, Michael Ferrucci, Fabrizio	The Impact of Dynamic Emissivity–Temperature Trends on Spaceborne Data: Applications to the 2001 Mount Etna Eruption	Remote Sensing	10.3390/rs14071641
Zahriban Hesari, Mozghan Buono, Andrea Nunziata, Ferdinando Aulicino, Giuseppe Migliaccio, Maurizio	Multi-Polarisation C-Band SAR Imagery to Estimate the Recent Dynamics of the d'Iberville Glacier	Remote Sensing	10.3390/rs14225758
Adil, Muhammad Buono, Andrea Nunziata, Ferdinando Ferrentino, Emanuele Vello, Domenico Migliaccio, Maurizio	On the Effects of the Incidence Angle on the L-Band Multi-Polarisation Scattering of a Small Ship	Remote Sensing	10.3390/rs14225813
Cali Quaglia, Filippo Meloni, Daniela Muscari, Giovanni Di Iorio, Tatiana Ciardini, Virginia Pace, Giandomenico Becagli, Silvia Di Bernardino, Annalisa Cacciani, Marco Hannigan, James Ortega, Ivan di Sarra, Alcide	On the Radiative Impact of Biomass-Burning Aerosols in the Arctic: The August 2017 Case Study	Remote Sensing	10.3390/rs14020313
Urbář, Jaroslav Cicone, Antonio Spogli, Luca Cesaroni, Claudio Alfonsi, Lucilla	Intrinsic Mode Cross Correlation: a novel technique to identify scale-dependent lags between two signals and	IEEE Geoscience and Remote Sensing Letters	10.1109/LGRS.2021.3122108

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Serafino, Francesco Iafolla, Lorenzo Fiorenza, Emiliano Carmisciano, Cosmo	Comparison of Sea Wave Measurement Systems Based on Marine Radar and Microseismic Technologies	IEEE Geoscience and Remote Sensing Letters	10.1109/LGRS.2021.3050815
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Siravo, Gaia Speranza, Fabio Macri, Patrizia	First Pre-Miocene Paleomagnetic Data From the Calabrian Block Document a 160° Post-Late Jurassic CCW Rotation as a Consequence of Left-Lateral Shear Along Alpine Tethys	Tectonics	10.1029/2021TC007156
Azzaro, Raffaele Pucci, Stefano Villani, Fabio Civico, Riccardo Branca, Stefano Cantarero, Massimo De Beni, Emanuela De Martini, Paolo Marco Cinti, Francesca Romana Caciagli, Marco Cucci, Luigi Pantosti, Daniela	Surface Faulting of the 26 December 2018, Mw 5 Earthquake at Mt. Etna Volcano (Italy): Geological Source Model and Implications for the Seismic Potential of the Fiandaca Fault	Tectonics	10.1029/2021TC007182
Bruno, Pier Paolo Gennaro Villani, Fabio Improta, Luigi	High-Resolution Seismic Imaging of Fault-Controlled Basins: A Case Study From the 2009 Mw 6.1 Central Italy Earthquake	Tectonics	10.1029/2022TC007207
Mazzoli, Stefano Basilici, Matteo Spina, Vincenzo Pierantoni, Pietro Paolo Tondi, Emanuele	Space and Time Variability of Detachment-Versus Ramp-Dominated Thrusting: Insights From the Outer Albanides	Tectonics	10.1029/2022TC007274
Lantéri, Nadine Ruhl, Henry Gates, Andrew Martínez, Enoc del Rio Fernandez, Joaquin Aguzzi, Jacopo Cannat, Mathilde Delory, Eric Embriaco, Davide Huber, Robert Matabos, Marjolaine Petihakis, George Reilly, Kieran	The EMSO Generic Instrument Module (EGIM): Standardized and Interoperable Instrumentation for Ocean Observation	Frontiers in Marine Science	10.3389/fmars.2022.801033

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Nomikou, Paraskevi Polymenakou, Paraskevi Rizzo, Andrea Luca Petersen, Sven Hannington, Mark Kiliyas, Stephanos Papanikolaou, Dimitris Escartin, Javier Karantzalos, Konstantinos Mertzimekis, Theodoros J Antoniou, Varvara Krokos, Mel Grammatikopoulos, Lazaros Italiano, Francesco Caruso, Cinzia Giuseppina Lazzaro, Gianluca Longo, Manfredi Scirè Scappuzzo, Sergio D'Alessandro, Walter Grassa, Fausto	SANTORY: SANTORini's Seafloor Volcanic Observatory	Frontiers in Marine Science	10.3389/fmars.2022.796376
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Nespoli, Massimo Belardinelli, Maria Elina Calò, Marco Tramelli, Anna Bonafede, Maurizio	Deformation induced by distributions of single forces in a layered half-space: EFGRN/EFCMP	Computers & Geosciences	10.1016/j.cageo.2022.105136
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Boudoire, Guillaume Calabrese, Sergio Colacicco, A Sordini, P Habakaramo Macumu, P Rafflin, Victoria Valade, Sébastien Mweze, T Kazadi Mwepu, J.-C. Safari Habari, F Amani Kahamire, T Mumbere Mutima, Y Ngaruye, Jean-Claude Tuyishime, A Tumaini Sadiki, A Mavonga Tuluka, Georges Mapendano Yalire, M Kets, E-D Grassa, Fausto D'Alessandro, Walter	Scientific response to the 2021 eruption of Nyragongo based on the implementation of a participatory monitoring system	Scientific Reports	10.1038/s41598-022-11149-0
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Borzi, Alfio Marco Minio, Vittorio Cannavò, Flavio Cavallaro, Angelo D'Amico, Sebastiano Gauci, Adam De Plaen, Raphael Lecocq, Thomas Nardone, Gabriele Orasi, Arianna Picone, Marco Cannata, Andrea	Monitoring extreme meteo-marine events in the Mediterranean area using the microseism (Medicane Apollo case study)	Scientific Reports	10.1038/s41598-022-25395-9
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Nardi, Adriano Pignatelli, Alessandro Spagnuolo, Elena	A neural network based approach to classify VLF signals as rock rupture precursors	Scientific Reports	10.1038/s41598-022-17803-x
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Grimaldi, Andrea Sánchez- Tejerina San José, Luis Aadit, Muhammad Navid Anjum Chiappini, Stefano Carpentieri, Mario Camsari, Kerem Finocchio, Giovanni	Spintronics-compatible approach to solving maximum satisfiability problems with probabilistic computing, invertible logic and parallel tempering	Physical Review Applied	10.1103/PhysRevApplied.17.0 24052
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Materia, Stefano Ardilouze, Constantin Prodhomme, Chloé Donat, Markus G. Benassi, Marianna Doblaz- Reyes, Francisco Peano, Daniele Caron, Louis- Philippe Ruggieri, Paolo Gualdi, Silvio	Summer temperature response to extreme soil water conditions in the Mediterranean transitional climate regime	Climate Dynamics	10.1007/s00382-021-05815-8
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Li Vigni, Lorenza Cardellini, Carlo Temovski, Marjan Ionescu, Artur Molnár, Kata Palcsu, László Gagliano, Antonina Lisa Cappuzzo, Santo D'Alessandro, Walter	Duvalo "Volcano" (North Macedonia): A Purely Tectonic-Related CO ₂ Degassing System	Geochemistry Geophysics Geosystems	10.1029/2021GC010198
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Larochelle, Stacy Chanard, Kristel Fleitout, Luce Fortin, Jerome Gualandi, Adriano Longuevergne, Laurent Rebischung, Paul Violette, Sophie Avouac, Jean-Philippe	Understanding the Geodetic Signature of Large Aquifer Systems: Example of the Ozark Plateaus in Central United States	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023097
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Pozzi, Giacomo Scuderi, Marco Maria Tinti, Elisa Nazzari, Manuela Collettini, Cristiano	The Role of Fault Rock Fabric in the Dynamics of Laboratory Faults	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023779
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Sonder, Ingo Graettinger, Alison Neilsen, Tracianne B Matoza, Robin Taddeucci, Jacopo Oppenheimer, Julie Lev, Einat Tsunematsu, Kae	Experimental Multiblast Craters and Ejecta—Seismo-Acoustics, Jet Characteristics, Craters, and Ejecta Deposits and	Journal of Geophysical Research: Solid Earth	10.1029/2022JB023952

Waite, Gregory Valentine, Gregory A Befus, Kenneth S	Implications for Volcanic Explosions		
Monna, Stephen Montuori, Caterina Frugoni, Francesco Piromallo, Claudia Vinnik, Lev	Moho and LAB Across the Western Alps (Europe) From P and S Receiver Function Analysis	Journal of Geophysical Research: Solid Earth	10.1029/2022JB025141
Qin, Jie Zhang, Rui Kravchinsky, Vadim Valet, Jean-Pierre Sagnotti, Leonardo Li, Jianxing Xu, Yong Anwar, Taslima Yue, Leping	1.2 Myr Band of Earth-Mars Obliquity Modulation on the Evolution of Cold Late Miocene to Warm Early Pliocene Climate	Journal of Geophysical Research: Solid Earth	10.1029/2022JB024131
Colavitti, Leonardo Lanzano, Giovanni Sgobba, Sara Pacor, Francesca Gallovič, František	Empirical Evidence of Frequency-Dependent Directivity Effects From Small-To-Moderate Normal Fault Earthquakes in Central Italy	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023498
Kuo, Li-Wei Hung, Chien-Cheng Li, Haibing Aretusini, Stefano Chen, Jianye Di Toro, Giulio Spagnuolo, Elena Di Felice, Fabio Wang, Huan Si, Jialiang Sheu, Hwo-Shuenn	Frictional Properties of the Longmenshan Fault Belt Gouges From WFSD-3 and Implications for Earthquake Rupture Propagation	Journal of Geophysical Research: Solid Earth	10.1029/2022JB024081
Artale Harris, Pietro Scognamiglio, Laura Magnoni, Federica Casarotti, Emanuele Tinti, Elisa	Centroid Moment Tensor Catalog With 3D Lithospheric Wave Speed Model: The 2016–2017 Central Apennines Sequence	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023068
Münchmeyer, Jannes Woollam, Jack Rietbrock, Andreas Tilmann, Frederik Lange, Dietrich Bornstein, Thomas Diehl, Tobias Giunchi, Carlo Haslinger, Florian Jozinović, Dario Michelini, Alberto Saul, Joachim Soto, Hugo	Which Picker Fits My Data? A Quantitative Evaluation of Deep Learning Based Seismic Pickers	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023499
Magrini, Fabrizio Diaferia, Giovanni El-Sharkawy, Amr Cammarano, Fabio van der Meijde, Mark Meier, Thomas Boschi, Lapo	Surface-Wave Tomography of the Central-Western Mediterranean: New Insights Into the Liguro-Provençal and Tyrrhenian Basins	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023267
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Calabrò, Laura Esposti Ongaro, Tomaso Giordano, Guido de' Michieli Vitturi, Mattia	Reconstructing Pyroclastic Currents' Source and Flow Parameters From Deposit Characteristics and Numerical Modeling: The Pozzolane Rosse Ignimbrite Case Study (Colli Albani, Italy)	Journal of Geophysical Research: Solid Earth	10.1029/2021JB023637
Basch, Valentin Sanfilippo, Alessio Skolotnev, Sergey G Ferrando, Carlotta Muccini, Filippo Palmiotto, Camilla Peyve, Alexander A Ermolaev, B V Okina, O I Ligi, Marco	Genesis of Oceanic Oxide Gabbros and Gabbroanorites During Reactive Melt Migration at Transform Walls (Doldrums Megatransform System; 7–8°N Mid-Atlantic Ridge)	Journal of petrology	10.1093/petrology/egac086
Longo, Domenico Giudice, Gaetano D'Arrigo, Giuseppe Sciuto, Antonella	Portable Spectroscopy System for Environmental Monitoring: An SO ₂ Case Study	IEEE Sensors Journal	10.1109/JSEN.2022.3169334
Pierleoni, Paola Raggiunto, Sara Marzorati, Simone Palma, Lorenzo Cucchiarelli, Alessandro Belli, Alberto	Activity Monitoring Through Wireless Sensor Networks Embedded Into Smart Sport Equipments: The Nordic Walking Training Utility	IEEE Sensors Journal	10.1109/JSEN.2021.3136760
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Morelli, Andrea Zaccarelli, Lucia Cavaliere, Adriano Azzara, Riccardo Mario	Normal modes of a medieval tower excited by ambient vibrations in an urban environment	Seismological Research Letters	10.1785/0220210038

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D'Amico, Maria Castelli, Viviana Maugeri, Monica	Rethinking the seismic history of the Gulf of Patti (NE Sicily, Italy): new insights from the local historical archives	Seismological Research Letters	10.1785/0220210247
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Kontoes, Charalampos Alatza, Stavroula Chousianitis, Konstantinos Svigkas, Nikos Loupasakis, Constantinos Atzori, Simone Apostolakis, Alexis	Coseismic Surface Deformation, Fault Modeling, and Coulomb Stress Changes of the March 2021 Thessaly, Greece, Earthquake Sequence Based on InSAR and GPS Data	Seismological Research Letters	10.1785/0220210112
Woollam, Jack Münchmeyer, Jannes Tilmann, Frederik Rietbrock, Andreas Lange, Dietrich Bornstein, Thomas Diehl, Tobias Giunchi, Carlo Haslinger, Florian Jozinović, Dario Michelini, Alberto Saul, Joachim Soto, Hugo	SeisBench—A Toolbox for Machine Learning in Seismology	Seismological Research Letters	10.1785/0220210324
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Castro, Raúl R Colavitti, Leonardo Vidales-Basurto, Claudia A Pacor, Francesca Sgobba, Sara Lanzano, Giovanni	Near-Source Attenuation and Spatial Variability of the Spectral Decay Parameter Kappa in Central Italy	Seismological Research Letters	10.1785/0220210276
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Venturi, Stefania Crognale, Simona Di Benedetto, Francesco Montegrossi, Giordano Casentini, Barbara Amalfitano, Stefano Baroni, Tommaso Rossetti, Simona Tassi, Franco Capecchiacci, Francesco Vaselli, Orlando Fazi, Stefano	Interplay between abiotic and microbial biofilm-mediated processes for travertine formation: Insights from a thermal spring (Piscine Carletti, Viterbo, Italy)	Geobiology	10.1111/gbi.12516
Petracca, Ilaria de Santis, Davide Picchiani, Matteo Corradini, Stefano Guerrieri, Lorenzo Prata, Fred Merucci, Luca Stelitano, Dario Del Frate, Fabio Salvucci, Giorgia Schiavon, Giovanni	Volcanic cloud detection using Sentinel-3 satellite data by means of neural networks: the Raikoke 2019 eruption test case	Atmospheric Measurement Techniques	10.5194/amt-15-7195-2022
Daniele, Linda Tardani, Daniele Schmidlin, Diego Quiroga, Ignacio Cannatelli, Claudia Somma, Renato	Seawater intrusion and hydrogeochemical processes in the Ischia Island groundwater system	Journal of Geochemical Exploration	10.1016/j.gexplo.2021.106935
Marini, Luigi Procesi, Monia Apollaro, Carmine	Through a glass, darkly: Trying to understand geothermal systems by means of geothermometers and fCO ₂ -indicators	Journal of Geochemical Exploration	10.1016/j.gexplo.2022.107097
Ebrahimi, Pooria Guarino, Annalise Allocca, Vincenzo Caliro, Stefano Avino, Rosario Bagnato, Emanuela Capecchiacci, Francesco Carandente, Antonio Minopoli, Carmine	Hierarchical clustering and compositional data analysis for interpreting groundwater hydrogeochemistry: The application to Campi	Journal of Geochemical Exploration	10.1016/j.gexplo.2021.106922

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Scurti, Stefano Dattilo, Sandro Gintsburg, David Vigliotti, Luigi Winkler, Aldo Carroccio, Sabrina Carola Caretti, Daniele	Superparamagnetic Iron Oxide Nanoparticle Nanodevices Based on Fe ₃ O ₄ Coated by Megluminic Ligands for the Adsorption of Metal Anions from Water	ACS omega	10.1021/acsomega.2c00558
Landi, Patrizia D'Oriano, Claudia Petrelli, Maurizio Nazzari, Manuela Andronico, Daniele	Inferences on the magmatic plumbing system at Stromboli volcano (Italy) from trace element geochemistry of matrix glasses and minerals in different types of explosive eruptions	Contributions to Mineralogy and Petrology	10.1007/s00410-022-01962-1
Allison, Chelsea M Roggensack, Kurt Clarke, Amanda B.	MafiCH: a general model for H ₂ O–CO ₂ solubility in mafic magmas	Contributions to Mineralogy and Petrology	10.1007/s00410-022-01903-y
Gambino, Salvatore Barreca, Giovanni Gross, Felix Monaco, Carmelo Gutscher, Marc-Andre Ian Alsop, G	Assessing the rate of crustal extension by 2D sequential restoration analysis: A case study from the active portion of the Malta Escarpment	Basin Research	10.1111/bre.12621
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Bravo, M. A. Molina, Maria Graciela Martínez- Ledesma, M de Haro Barbás, Blas Federico Urra, B Elias, A Souza, J Villalobos, C Namour, J. H. Ovalle, E Venchiarutti, J. V. Blunier, S Valdés-Abreu, J. C. Guillermo, E Rojo, E de Pasquale, L Carrasco, E Leiva, R Castillo Rivera, C Foppiano, A	Ionospheric response modeling under eclipse conditions: Evaluation of 14 December 2020, total solar eclipse prediction over the South American sector	Frontiers in Astronomy and Space Sciences	10.3389/fspas.2022.1021910
Pontesilli, Alessio Brenna, Marco Mollo, Silvio Masotta, Matteo Nazzari, Manuela Le Roux, P Scarlato, Piergiorgio	Trachyte-phonolite transition at Dunedin Volcano: Fingerprints of magma plumbing system maturity and mush evolution	Lithos	10.1016/j.lithos.2021.106545
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	filled magma reservoirs with time, and transition from slightly to highly silica undersaturated magmatic series in an ultrapotassic stratovolcano		
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Pintori, Francesco Serpelloni, Enrico Gualandi, Adriano	Common-mode signals and vertical velocities in the greater Alpine area from GNSS data	Solid Earth	10.5194/se-13-1541-2022
Piana Agostinetti, Nicola Villa, Alberto Saccorotti, Gilberto	Distributed acoustic sensing as a tool for subsurface mapping and seismic event monitoring: a proof of concept	Solid Earth	10.5194/se-13-449-2022
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Pasquaré Mariotto, Federico Bonali, Fabio Tibaldi, Alessandro De Beni, Emanuela Corti, Noemi Russo, Elena Fallati, Luca Cantarero, Massimo Neri, Marco	A New Way to Explore Volcanic Areas: QR-Code-Based Virtual Geotrail at Mt. Etna Volcano, Italy	Land	10.3390/land11030377
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Yu, Fujiang Wan, Liying Chen, XingRong Song, Xiangzhou Liu, Yulong Reseghetti, Franco Simoncelli, Simona Gouretski, Viktor			
Galadini, Fabrizio	Ruins and Remains as a Background: Natural Catastrophes, Abandonment of Medieval Villages, and the Perspective of Civilization during the 20th Century in the Central Apennines (Abruzzi Region, Central Italy)	Sustainability	10.3390/su14159517
Cianflone, Giuseppe Vespasiano, Giovanni Tolomei, Cristiano De Rosa, Rosanna Dominici, Rocco Apollaro, Carmine Walraevens, Kristine Polemio, Maurizio	Different Ground Subsidence Contributions Revealed by Integrated Discussion of Sentinel-1 Datasets, Well Discharge, Stratigraphical and Geomorphological Data: The Case of the Gioia Tauro Coastal Plain (Southern Italy)	Sustainability	10.3390/su14052926
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Procesi, Monia Di Capua, Giuseppe Peppoloni, Silvia Corirossi, Marco Valentinelli, Alessandra	Science and Citizen Collaboration as Good Example of Geoethics for Recovering a Natural Site in the Urban Area of Rome (Italy)	Sustainability	10.3390/su14084429
Acernese, Fausto Agathos, M Ain, A Albanesi, S Allocca, A Amato, Alexandre Andrade, T Andres, N Andrés- Carcasona, Marc Andrić, T Ansoldi, S Chaty, S Chiadini, F Chiarini, G Chierici, R Chincarini, A Chiofalo, M L Chiummo, A Giunchi, Carlo Olivieri, Marco	The Virgo O3 run and the impact of the environment	Classical and Quantum Gravity	10.1088/1361-6382/ac776a
Rossi, Giovanni Battista Cannata, Andrea Iengo, Antonio Migliaccio, Maurizio Nardone, Gabriele Piscopo, Vincenzo Zambianchi, Enrico	Measurement of Sea Waves	Sensors	10.3390/s22010078

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Torrisi, Federica Amato, Eleonora Corradino, Claudia Mangiagli, Salvatore Del Negro, Ciro	Characterization of Volcanic Cloud Components Using Machine Learning Techniques and SEVIRI Infrared Images	Sensors	10.3390/s22207712
Giugliano, Roberta Cocciaro, Bruno Poggialini, Francesco Legnaioli, Stefano Palleschi, Vincenzo Locritani, Marina Merlino, Silvia	Rapid Identification of Beached Marine Plastics Pellets Using Laser- Induced Breakdown Spectroscopy: A Promising Tool for the Quantification of Coastal Pollution	Sensors	10.3390/s22186910
Gaeta, Mario Aldega, Luca Astolfi, Maria Luisa Bonechi, Barbara Marra, Fabrizio Pacheco, P Perinelli, Cristina Tiberi, F	Soils developed on the Si-poor, alkali-rich pyroclastic rocks of the Colli Albani volcanic district (Central Italy): The effect of leucite, clinopyroxene and phlogopite on the base cations mobility	Applied Geochemistry	10.1016/j.apgeochem.2022.10 5430
Etioppe, Giuseppe Oze, Christopher	Microbial vs abiotic origin of methane in continental serpentinized ultramafic rocks: A critical review and the need of a holistic approach	Applied Geochemistry	10.1016/j.apgeochem.2022.10 5373
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Verma, Mahendra P Izquierdo, Georgina Barth, Johannes A C Rayes- Delgado, Lisette Chandrasekhar, Trupti Algabre, Julienne Eve Caballero, Marianne Antonette C Godoy, Jose	Interlaboratory test for chemical analysis of geothermal fluids: A new approach to determine deep geothermal reservoir fluid composition with uncertainty propagation	Applied Geochemistry	10.1016/j.apgeochem.2022.10 5477

Marcus Sanchez, Mayela Brusca, Lorenzo Malimo, Sylvia Monvoisin, Gael Kretzschmar, Thomas Villanueva Estrada, Ruth Esther Armienta, Maria Aurora De Silva, Nimal			
González-Guzmán, Reneé Inguaggiato, Claudio Brusca, Lorenzo González-Acevedo, Zayre I Bernard-Romero, Rubén	Assessment of potentially toxic elements (PTEs) sources on soils surrounding a fossil fuel power plant in a semi-arid/arid environment: A case study from the Sonoran Desert	Applied Geochemistry	10.1016/j.apgeochem.2021.105158
D'Arco, Annalisa Rocco, Daniele Magboo, Fernando Jr. Piamonte Moffa, Candida Della Ventura, Giancarlo Marcelli, Augusto Palumbo, Luigi Mattiello, Leonardo Lupi, Stefano Petrarca, Massimo	Terahertz continuous wave spectroscopy: a portable advanced method for atmospheric gas sensing	Optics Express	10.1364/OE.456022
D'Angelo, Nicoletta Di Benedetto, Andrea Adelfio, Giada D'Alessandro, Antonino Chiodi, Marcello	A new picking algorithm based on the variance piecewise constant models	Stochastic Environmental Research and Risk Assessment	10.1007/s00477-022-02218-x
Procesi, Monia Marini, Luigi Cinti, Daniele Sciarra, Alessandra Basile, Paolo Mazzoni, Tiziana Zarlenga, Francesco	Preliminary fluid geochemical survey in Tete Province and prospective development of geothermics in Mozambique	Geothermal Energy	10.1186/s40517-022-00213-7
Godano, Cataldo De Nicola, S Fedele, R Carlino, Stefano Oliveri, F	Nonlinear convective motion of the asthenosphere and the lithosphere melting: a model for the birth of a volcano	The European Physical Journal Plus	10.1140/epjp/s13360-022-02705-8
Tarchini, Luca Carapezza, Maria Luisa Granieri, Domenico Frepoli, Alberto Pagliuca, Nicola Mauro Ranaldi, Massimo	Twenty Years Monitoring of Soil CO ₂ Flux and Seismicity at Cava dei Selci Gas Discharge (Colli Albani Volcano, Italy)	Earth and Space Science	10.1029/2021EA001936
Abbey, Alyssa Langford Choi, Eunseo Neumann, Florian Ortiz-Guerrero, Carolina Tondi, Rosaria	Tectonophysics Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science	Earth and Space Science	10.1029/2021EA002144
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Zaccagnino, Davide Telesca, Luciano Doglioni, Carlo	Variable seismic responsiveness to stress perturbations along the shallow section of subduction zones: The role of different slip modes and implications for the stability of fault segments	Frontiers in Earth Science	10.3389/feart.2022.989697
Martinelli, Giovanni Italiano, Francesco Wang, Yunpeng Zheng, Guodong	Editorial: Gas Geochemistry: New Progresses and Applications	Frontiers in Earth Science	10.3389/feart.2022.936733
Dumont, Stéphanie Petrosino, Simona Pyle, David Feuillet, Nathalie	Editorial: External forcing on volcanoes and volcanic processes: Observations, analysis and implications	Frontiers in Earth Science	10.3389/feart.2022.999214
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Trasatti, Elisa	Volcanic and Seismic Source Modeling: An	Frontiers in Earth Science	10.3389/feart.2022.917222

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Marra, Fabrizio Pereira, Alison Boschian, Giovanni Nomade, Sebastien	MIS 13 and MIS 11 aggradational successions of the Paleo-Tiber delta: Geochronological constraints to sea-level fluctuations and to the Acheulean sites of Castel di Guido and Malagrotta (Rome, Italy)	Quaternary International	10.1016/j.quaint.2021.12.016
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	influence of recent climate change (Northwestern Adriatic Sea)		
Caramenti, Luca Menafoglio, Alessandra Sgobba, Sara Lanzano, Giovanni	Multi-source geographically weighted regression for regionalized ground-motion models	Spatial Statistics	10.1016/j.spasta.2022.100610
Macho, Eduardo Perez Correia, Emilia Spogli, Luca Tadeu de Assis Honorato Muella, Marcio	Climatology of ionospheric amplitude scintillation on GNSS signals at south American sector during solar cycle 24	Journal of Atmospheric and Solar-Terrestrial Physics	10.1016/j.jastp.2022.105872
Al-Hemoud, Ali Al-Dashti, Hassan Al-Saleh, Abeer Petrov, Peter Malek, Mariam Elhamoud, Ebrahim Al-Khafaji, Sarhan Li, Jing Koutrakis, Petros Doronzo, Domenico Middleton, Nick	Dust storm 'hot spots' and Transport Pathways Affecting the Arabian Peninsula	Journal of Atmospheric and Solar-Terrestrial Physics	10.1016/j.jastp.2022.105932
Marra, Fabrizio D'Ambrosio, Ersilia Gaeta, Mario Monterroso Checa, Antonio	Petrographical and geochemical criteria for a chronology of Roman mortars between the 1st century BC and the 2nd century AD: the Curia of Pompey the Great	Archaeometry	10.1111/arcms.12740
Toricella, Fiorenza Gamboa Sojo, Viviana Maria Gariboldi, Karen Douss, Nessim Musco, Maria Elena Caricchi, Chiara Lucchi, Renata Giulia Carbonara, Katia Morigi, Caterina	Multiproxy investigation of the last 2,000 years BP marine paleoenvironmental record along the western Spitsbergen margin	Arctic, Antarctic, and Alpine Research	10.1080/15230430.2022.2123859
Campostrini, Italo Castellano, Carlo Demartin, Francesco Rocchetti, Ivano Vignola, Pietro Russo, Massimo	Paradimorphite, IMA 2020-101 in (IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) – Newsletter 66	European Journal of Mineralogy	10.5194/ejm-34-253-2022, 2022.
Soldani, Maurizio Faggioni, Osvaldo Zunino, Rodolfo Carbone, Alessandro Gemma, Marco	The LAMA system: A “smart” magnetometer network for harbour protection	Journal of Applied Geophysics	10.1016/j.jappgeo.2022.104743
Isola, Ilaria Mazzarini, Francesco	Quaternary off-rift volcanism along a section of the East African Rift System (EARS), from the south Ethiopia to the south Kenya	Italian Journal of Geosciences	10.3301/IJG.2022.19
Nardi, Adriano Piersanti, Antonio	Geomorphologic observations and physical	Italian Journal of Geosciences	10.3301/IJG.2022.12

	hypothesis on Martian gullies		
Riccio, Gaetano Pucillo, Stefania Fodarella, Antonio Cogliano, Rocco Improta, Luigi	Earthquake weak motions and noise measurements unravel significant site amplification effects in the Val d'Agri basin (southern Italy)	Italian Journal of Geosciences	10.3301/IJG.2022.08
Vignaroli, Gianluca Di Giulio, Giuseppe Esposito, Carlo Moscatelli, Massimiliano Pagliaroli, Alessandro	The geosciences perspective on seismic response assessment and application to risk mitigation - Guest Editorial	Italian Journal of Geosciences	10.3301/IJG.2022.17
Mangira, Ourania Console, Rodolfo Papadimitriou, Eleftheria Murru, Maura Karakostas, Vasileios	An Earthquake-Clustering Model in North Aegean Area (Greece)	Axioms	10.3390/axioms11060249
Colavitti, Leonardo Hetényi, Gyorgy AlpArray Working Group	A new approach to construct 3-D crustal shear-wave velocity models: method description and application to the Central Alps	Acta Geodaetica et Geophysica	10.1007/s40328-022-00394-4
Conte, Alessandra Della Ventura, Giancarlo Rondeau, Benjamin Romani, Martina Cestelli Guidi, Mariangela La, Carole Napoleoni, Camilla Lucci, Federico	Hydrothermal genesis and growth of the banded agates from the Allumiere-Tolfa volcanic district (Latium, Italy)	Physics and chemistry of minerals	10.1007/s00269-022-01214-5
Aiello, Giuseppe Mazzini, Ilaria Parisi, Roberta Ingrassia, Michela Barra, Diana	Are CO ₂ -rich seafloor pockmarks a suitable environment for ostracod assemblages? The example of the Zannone Giant Pockmark (central-eastern Tyrrhenian)	Marine Ecology	10.1111/maec.12698
Esposito, Anna Amorese, Terry Buonanno, Michele Cuciniello, Marialucia Esposito, Antonietta M. Faundez-Zanuy, Marcos Likforman-Sulem, Laurence Riviello, Maria Teresa Spagnuolo, Carmine Troncone, Alda Cordasco, Gennaro	Handwriting and Drawing Features for Detecting Personality Traits: An Analysis on Big Five Sub-dimensions	Acta Polytechnica Hungarica	10.12700/APH.19.11.2022.11.4
Paté, Arthur Farge, Gaspard Holtzman, Benjamin K Barth, Anna C Poli, Piero Boschi, Lapo Karlstrom, Leif	Combining audio and visual displays to highlight temporal and spatial seismic patterns	Journal on Multimodal User Interfaces	10.1007/s12193-021-00378-8
Kızıldağ, Nilhan Özdaş, Harun Held, Winfried	Novel insights into the sea level evolution along the coast of Bozburun	Geoarchaeology	10.1002/gea.21951

Spada, Giorgio Melini, Daniele	Peninsula (Turkey): A study on submerged Bronze Age harbor in Çamçalık		
Guardato, Sergio Donnarumma, GianPaolo Riccio, Rosario Del Pezzo, Edoardo Iannaccone, Giovanni	Moment magnitude (Mw) from hydrophone records of low energy volcanic quakes	Journal of Seismology	10.1007/s10950-022-10095-8
Calcara, Massimo	Chemistry in earthquake: the active chemical role of liquid and supercritical waters in microfracturing at depth	Journal of Seismology	10.1007/s10950-022-10110-y
Payros, Aitor Martínez-Braceras, Naroa Agirrezabala, Luis M Dinarès Turell, Jaume Peñakoba, Idoia	The effects of astronomically forced climate change on hemipelagic carbonate sedimentation in a tectonically active setting: the Albian Mioño Formation in Castro Urdiales (Cantabria, N Spain)	Journal of Iberian Geology	10.1007/s41513-022-00198-z
Catapano, Filomena Buchert, Stephan Qamili, Enkelejda Nilsson, Thomas Bouffard, Jerome Siemes, Christian Coco, Iginò D'Amicis, Raffaella Tøffner- Clausen, Lars Trenchi, Lorenzo Olsen, Poul Erik Holmdahl Stromme, Anja	Swarm Langmuir probes' data quality validation and future improvements	Geoscientific Instrumentation, Methods and Data Systems	10.5194/gi-11-149-2022
Sharma, Nitin Convertito, Vincenzo De Matteis, Raffaella Capuano, Paolo	Strong ground-motion prediction equations from induced earthquakes in St. Gallen geothermal field, Switzerland	Journal of Geophysics and Engineering	10.1093/jge/gxac044
Marjanović, Miloš Radivojević, Aleksandar R Antić, Aleksandar Peppoloni, Silvia Di Capua, Giuseppe Lazarević, Jelena Marković, Rastko S Tomić, Nemanja Milićević, Ana Langović Langović, Zlatko Mišić, Ivica Marković, Slobodan B.	Geotourism and geoethics as support for rural development in the Knjaževac municipality, Serbia	Open Geosciences	10.1515/geo-2022-0388
Vetere, Francesco Iezzi, Gianluca Perugini, Diego Holtz, Francois	Rheological changes in melts and magmas induced by crystallization and strain rate	Comptes Rendus Geoscience	10.5802/crgeos.125
Liuzzo, Marco Di Muro, Andrea Rizzo, Andrea Luca Grassa, Fausto Coltorti, Massimo Ader, Magali	The composition of gas emissions at Petite Terre (Mayotte, Comoros): inference on magmatic fingerprints	Comptes Rendus Geoscience	10.5802/crgeos.148

Barbarino, Giovanni Cicone, Antonio	Conjectures on spectral properties of ALIF algorithm	Linear Algebra and its Applications	10.1016/j.laa.2022.04.012
D'Angelo, Nicoletta Siino, Marianna D'Alessandro, Antonino Adelfio, Giada	Local spatial log-Gaussian Cox processes for seismic data	ASTA Advances in Statistical Analysis	10.1007/s10182-022-00444-w
Wessels, Richard ter Maat, Geertje Del Bello, Elisabetta Cacciola, Lucia Corbi, Fabio Festa, Gaetano Funicello, Francesca Kaviris, George Lange, Otto Lauterjung, Joern Pijnenburg, Ronald Puglisi, Giuseppe Reitano, Danilo Ronnevik, Christian Scarlato, Piergiorgio Spampinato, Letizia	Transnational Access to Research Facilities: an EPOS service to promote multi-domain Solid Earth Sciences in Europe	Annals of Geophysics	10.4401/ag-8768
Babeyko, Andrey Lorito, Stefano Hernandez, Francisco Lauterjung, Jörn Løvholt, Finn Rudloff, Alexander Sørensen, Mathilde Androsov, Alexey Aniel-Quiroga, Iñigo Armigliato, Alberto Baptista, Maria Ana Baglione, Enrico Basili, Roberto Behrens, Jörn Brizuela, Beatriz Bruni, Sergio Cambaz, Didem Cantavella Nadal, Juan Carillho, Fernando Chandler, Ian	Towards the new Thematic Core Service Tsunami within the EPOS Research Infrastructure	Annals of Geophysics	10.4401/ag-8762
Dioguardi, Fabio Massaro, Silvia Chiodini, Giovanni Costa, Antonio Folch, Arnau Macedonio, Giovanni Sandri, Laura Selva, Jacopo Tamburello, Giancarlo	VIGIL: A Python tool for automatized probabilistic Volcanic Gas dispersion modeling	Annals of Geophysics	10.4401/ag-8796
Settimi, Alessandro	An in-depth analysis on the Quasi-Longitudinal approximations applied to ionospheric ray-tracing, oblique and vertical sounding, and absorption	Annals of Geophysics	10.4401/ag-8728
Cocco, Massimo Freda, Carmela Atakan, Kuvvet Bailo, Daniele Saleh-Contell, Kauzar Lange, Otto Michalek, Jan	The EPOS Research Infrastructure: a federated approach to integrate solid Earth science data and services	Annals of Geophysics	10.4401/ag-8756
Saleh-Contell, Kauzar Karlzén, Karin Cocco, Massimo Pedersen, Helle Annette Atakan, Kuvvet Bailo, Daniele Lange, Otto Mercurio, Daniela	Long-term sustainability of a distributed RI: the EPOS case	Annals of Geophysics	10.4401/ag-8786

Maracchia, Giovanna Piras, Diana Sangianantoni, Agata Fredella, Maria Freda, Carmela			
Çirmik, Ayça Doğru, Fikret Ankaya Pamukçu, Oya Turguz, Başak Bonforte, Alessandro	Exploring the Kinematic Structure of Mount Etna Volcano (Sicily, Italy) by Deformation Analysis and Gravity Gradient Tensors	Annals of Geophysics	10.4401/ag-8719
Oliveti, Ilaria Faenza, Licia Michelini, Alberto	INGe: Intensity-ground motion dataset for Italy	Annals of Geophysics	10.4401/ag-8709
Balli, Enrico Angioni, Barbara Cerrato, Simona Filosa, Silvia Goffi, Claudio Postpischl, Luca Silva, Rita Stanculescu, Dorina Cocco, Massimo	Communication strategy and plans for research infrastructures: the EPOS case	Annals of Geophysics	10.4401/ag-8845
Chiaraluca, Lauro Festa, Gaetano Bernard, Pascal Caracausi, Antonio Carluccio, Ivano Clinton, John Di Stefano, Raffaele Elia, Luca Evangelidis, Christos Ergintav, Semih Jianu, Ovidiu Kaviris, George Marmureanu, Alexandru Sebel, Stanka Sokos, Efthimios	The Near Fault Observatory community in Europe: a new resource for faulting and hazard studies	Annals of Geophysics	10.4401/ag-8778
Marti, Michèle Haslinger, Florian Peppoloni, Silvia Di Capua, Giuseppe Glaves, Helen Dallo, Irina	Addressing the challenges of making data, products, and services accessible: an EPOS perspective	Annals of Geophysics	10.4401/ag-8746
Carleo, Luigi Bonaccorso, Alessandro Currenti, Gilda Sicali, Antonino	Near real-time filtering of high precision borehole strainmeter signals for volcano surveillance	Annals of Geophysics	10.4401/ag-8787
Elger, Kirsten ter Maat, Geertje Caldeira, Rita Cimarelli, Corrado Corbi, Fabio Dominguez, Stéphane Drury, Martin Funciello, Francesca Lange, Otto Ougier- Simonin, Audrey Rosenau, Matthias Wessels, Richard Willingshofer, Ernst Winkler, Aldo	The EPOS Multi-Scale Laboratories: A FAIR Framework for stimulating Open Science practice across European Earth Sciences Laboratories	Annals of Geophysics	10.4401/ag-8790
Cocco, Massimo Montone, Paola	Preface to the Special Issue: EPOS a Research Infrastructure in solid Earth: open science and innovation	Annals of Geophysics	10.4401/ag-8835
Torrisi, Federica Amato, Eleonora Corradino, Claudia Del Negro, Ciro	The FastVRP automatic platform for the thermal monitoring of volcanic	Annals of Geophysics	10.4401/ag-8823

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Rasaneh, Ghazaleh Hajian, Alireza Hodhodi, Maryam Kimiae, Roohollah Gambino, Salvatore	Monitoring magma migration at Mt. Etna using the Seismic Amplitude Ratio Analysis method	Annals of Geophysics	10.4401/ag-8807
Slejko, Dario Valensise, Gianluca Meletti, Carlo Stucchi, Massimiliano	The assessment of earthquake hazard in Italy: a review	Annals of Geophysics	10.4401/ag-8863
Haslinger, Florian Basili, Roberto Bossu, Rémy Cauzzi, Carlo Cotton, Fabrice Crowley, Helen Custodio, Susana Danciu, Laurentiu Locati, Mario Michelini, Alberto Molinari, Irene Ottemöller, Lars Parolai, Stefano	Coordinated and Interoperable Seismological Data and Product Services in Europe: the EPOS Thematic Core Service for Seismology	Annals of Geophysics	10.4401/ag-8767
Bailo, Daniele Jeffery, Keith Atakan, Kuvvet Trani, Luca Paciello, Rossana Vinciarelli, Valerio Michalek, Jan Spinuso, Alessandro	Data integration and FAIR data management in Solid Earth Science	Annals of Geophysics	10.4401/ag-8742
Puglisi, Giuseppe Reitano, Danilo Spampinato, Letizia Vogfjörd, Kristín S. Barsotti, Sara Cacciola, Lucia Geyer Traver, Adelina Guðjónsson, Davíð Steinar Guéhenneux, Yannick Komorowski, Jean-Christophe Labazuy, Philippe Lemarchand, Arnaud Nave, Rosella Saurel, Jean-Marie Bachelery, Patrick	The integrated multidisciplinary European volcano infrastructure: from the conception to the implementation	Annals of Geophysics	10.4401/ag-8794
Atakan, Kuvvet Cocco, Massimo Orlecka-Sikora, Beata Pijnenburg, Ronald Michalek, Jan Ronnevik, Christian Olszewska, Dorota Górka-Kostrubiec, Beata Drury, Martyn R	National EPOS initiatives and participation to the EPOS integration plan	Annals of Geophysics	10.4401/ag-8758
Buttinelli, Mauro Maesano, Francesco Emanuele Sopher, Daniel Feriozzi, Fabio Maraio, Stefano Mazzarini, Francesco Improta, Luigi Vallone, Roberto Villani, Fabio Basili, Roberto	Revitalizing vintage seismic reflection profiles by converting into SEG-Y format: case studies from publicly available data on the Italian territory	Annals of Geophysics	10.4401/ag-8883
Samalan, A Basnet, S Bonechi, Lorenzo Cimmino, Luigi	End-to-end simulations of the MUon Radiography of VESuvius experiment	Journal of Instrumentation	10.1088/1748-0221/17/01/C01015

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Blasi, Monica Francesca Hochscheid, Sandra Bardelli, Roberta Bruno, Chiara Melodia, Carolina Salzeri, Perla De Rosa, Paolo Madonia, Paolo	First report on two loggerhead turtle (<i>Caretta caretta</i>) nests in the Aeolian Archipelago (Southern Italy)	Acta Herpetologica	10.36253/a_h-10188
Pesci, Arianna Teza, Giordano Loddo, Fabiana Rollins, Kyle M Andersen, Paul Minarelli, Luca Amoroso, Sara	Remote sensing of induced liquefaction: TLS and SfM for a full scale blast test	Journal of Surveying Engineering- ASCE	10.1061/(ASCE)SU.1943- 5428.0000379
Tertulliani, Andrea Graziani, Laura	A critical overview of the January-February 1703 seismic sequence in central Italy	Bulletin of Geophysics and Oceanography	10.4430/bgo00396
Gómez Capera, Augusto Antonio Salcedo Hurtado, Elkin de Jesús Santulín, Marco Rios, L.F. Blandon, J.C.	Estimating Magnitude and Location from macroseismic data of the 1925 Colombian earthquake	Bulletin of Geophysics and Oceanography	10.4430/bgo00386
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Ejarque, Jorge Badia, Rosa M Albertin, Loic Aloisio, Giovanni Baglione, Enrico Becerra, Yolanda Boschert, Stefan Berlin, Julian Rodrigo D'Anca, Alessandro Elia, Donatello Exertier, François Fiore, Sandro Flich, Jose Folch, Arnau Gibbons, Steven J Koldunov, Nikolay Lordan, Francesc Lorito, Stefano Løvholt, Finn Maciás, Jorge	Enabling Dynamic and Intelligent Workflows for HPC, Data Analytics, and AI Convergence	Future Generation Computer Systems	10.1016/j.future.2022.04.014
Marra, Adriana Fabbrocino, Giovanni Fabbrocino, Silvia	Conservation and Enhancement of the Pietrabbondante Archaeological Site	Heritage	10.3390/heritage5030079

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Falsaperla, Susanna Reitano, Danilo Musacchio, Gemma	Augmented Reality in Seismic Risk Management: A Contribution to the Reduction of Non-Structural Damage	Geosciences	10.3390/geosciences12090332
Intriago Álvarez, Bosco Bazurto Palma, Hernán Besenzon, Davide Vera- Grunauer, Xavier Amoroso, Sara	Geotechnical characterization of the estuarine deltaic deposits in the Guayaquil city through in situ and laboratory tests	Soils and Rocks	10.28927/SR.2022.074021
De Michelis, Paola	The impact of turbulence on ionospheric plasma density irregularities	Il Nuovo Cimento C	10.1393/ncc/i2022-22083-x
Chicangana-Montón, German Bocanegra Gómez, Alfonsina Pardo Mayorga, Jorge Eliecer Salcedo Hurtado, Elkin de Jesús Gómez Capera, Augusto Antonio Vargas- Jiménez, Carlos Alberto	Sismicidad y sismotectónica para el sector norte del ámbito del Sistema de Fallas de Algeciras, Cordillera Oriental, Colombia	Boletín de Geología	10.18273/revbol.v44n1-2022005
Di Maro, Rosalba Arcoraci, Luca Battelli, Patrizia Berardi, Michele Castellano, Corrado Castello, Barbara Latorre, Diana Marchetti, Alessandro Margheriti, Lucia Mele, Francesco Mariano Nardi, Anna Rossi, Antonio	Bollettino Sismico Italiano 2015	Quaderni di Geofisica	10.13127/qdg/176
Lodolo, Emanuele Loreto, Maria Filomena Melini, Daniele Spada, Giorgio Civile, Dario	Palaeo-Shoreline Configuration of the Adventure Plateau (Sicilian Channel) at the Last Glacial Maximum	Geosciences	10.3390/geosciences12030125
Bernardini, Filippo Massimo Athos Camassi, Romano Daniele Castelli, Viviana Caracciolo, Carlos Héctor Ercolani, Emanuela	Materiali per un catalogo dei terremoti italiani: Sismicità minore del Novecento: alcuni casi tra gli anni 1949-1971,	Quaderni di Geofisica	10.13127/qdg/181
Di Bella, Marcella Sabatino, Giuseppe Mastelloni, Maria Amalia Italiano, Francesco Triscari, Maurizio Marcianò, Giuseppe Mottese, Antonio Francesco Tripodo, Alessandro	LEAD STANNATE AS COMPONENT OF ANTIQUE YELLOW GLASSY TESSERAE FROM SICILIAN MOSAICS	Mediterranean Archaeology and Archaeometry	10.5281/zenodo.7072720

Ercolani, Emanuela Camassi, Romano Daniele Brasini, Flaminia Modonesi, Delia Castelli, Viviana Pessina, Vera	Comunicare ed educare al rischio, le strade possibili	Quaderni di Geofisica	10.13127/qdg/182
Secreti, Valeria Polcari, Marco Anderlini, Letizia Albano, Matteo Palano, Mimmo Serpelloni, Enrico Stramondo, Salvatore Trasatti, Elisa Pezzo, Giuseppe	Cross-validated multi- technique geodetic dataset of the Upper Adriatic Sea coastal area of Italy	Data in brief	10.1016/j.dib.2022.108342
Mascandola, Claudia Lanzano, Giovanni Pacor, Francesca	Consistency Check of ITACAext, the Flatfile of the Italian Accelerometric Archive	Geosciences	10.3390/geosciences1209033 4
Pioli, Laura Palmas, Marco Behncke, Boris De Beni, Emanuela Cantarero, Massimo Scollo, Simona	Quantifying Strombolian Activity at Etna Volcano	Geosciences	10.3390/geosciences1204016 3
Tertulliani, Andrea Graziani, Laura Locati, Mario	Nuovo studio della sequenza sismica del 1703 in Italia centrale	Quaderni di Geofisica	10.13127/qdg/178
Rossi, Antonio Castellano, Corrado Graziani, Laura Maramai, Alessandra Tertulliani, Andrea	Materiali per un catalogo dei terremoti italiani: revisione di alcuni terremoti presenti nei bollettini macrosismici del XX secolo	Quaderni di Geofisica	10.13127/qdg/180
Bonali, Fabio Luca Russo, Elena Vitello, Fabio Antoniou, Varvara Marchese, Fabio Fallati, Luca Bracchi, Valentina Alice Corti, Noemi Savini, Alessandra Whitworth, Malcolm Drymoni, Kyriaki Pasquar� Mariotto, Federico Nomikou, Paraskevi Sciacca, Eva Bressan, Sofia Falsaperla, Susanna Reitano, Danilo van Wyk de Vries, Benjamin Krokos, Mel Panieri, Giuliana	How Academics and the Public Experienced Immersive Virtual Reality for Geo-Education	Geosciences	10.3390/geosciences1201000 9
Vannocci, Pietro Segoni, Samuele Masi, Elena Benedetta Cardi, Francesco Nocentini, Nicola Rosi, Ascanio Bicocchi, Gabriele D'Ambrosio, Michele Nocentini, Massimiliano Lombardi, Luca Tofani, Veronica Casagli, Nicola Catani, Filippo	Towards a National-Scale Dataset of Geotechnical and Hydrological Soil Parameters for Shallow Landslide Modeling	Data	10.3390/data7030037

Süer, Selin Wiersberg, Thomas Güleç, Nilgün Grassa, Fausto	Stable Isotope Evaluation of Geothermal Gases from the Kızıldere and Tekke Hamam Geothermal Fields, Western Anatolia, Turkey	Geosciences	10.3390/geosciences12120452
Mammoliti, Elisa Fronzi, Davide Cambi, Costanza Mirabella, Francesco Cardellini, Carlo Patacchiola, Emiliano Tazioli, Alberto Caliro, Stefano Valigi, Daniela	A Holistic Approach to Study Groundwater-Surface Water Modifications Induced by Strong Earthquakes: The Case of Campiano Catchment (Central Italy)	Hydrology	10.3390/hydrology9060097
Barberi, Graziella Ferrari, Ferruccio Maiolino, Vincenza Mostaccio, Antonino Scaltrito, Antonino Sciotto, Mariangela Tusa, Giuseppina Tuvè, Tiziana Ursino, Andrea	The seismicity of the Mt. Etna in the period January - December 2020	Quaderni di Geofisica	10.13127/qdg/179
Massaro, Silvia Stocchi, Manuel Tamburello, Giancarlo Costa, Antonio Sandri, Laura Caliro, Stefano Chiodini, Giovanni Selva, Jacopo Dioguardi, Fabio Folch, Arnau Macedonio, Giovanni	Validating gas dispersion modelling at La Solfatara (Campi Flegrei, South Italy)	Il Nuovo Cimento C	10.1393/ncc/i2022-22186-4
Bloemheuvel, Stefan van den Hoogen, Jurgen Jozinović, Dario Michelini, Alberto Atzmueller, Martin	Graph neural networks for multivariate time series regression with application to seismic data	International Journal of Data Science and Analytics	10.1007/s41060-022-00349-6
Gambino, Salvatore Barreca, Giovanni Bruno, Valentina De Guidi, Giorgio Ferlito, Carmelo Gross, Felix Mattia, Mario Scarfi, Luciano Monaco, Carmelo	Transtension at the Northern Termination of the Alfeo-Etna Fault System (Western Ionian Sea, Italy): Seismotectonic Implications and Relation with Mt. Etna Volcanism	Geosciences	10.3390/geosciences12030128
Vitale, Stefano Natale, Jacopo Isaia, Roberto Tramparulo, Francesco D'Assisi Ciarcia, Sabatino	Evidence of Seismic-Related Liquefaction Processes within the Volcanic Record of the Campi Flegrei Caldera (Italy)	Geosciences	10.3390/geosciences12060241
Torresi, Federica	Automatic detection of volcanic ash clouds using MSG-SEVIRI satellite data and machine learning techniques	Il Nuovo Cimento C	10.1393/ncc/i2022-22081-0
Spinuso, Alessandro Atkinson, Malcolm Magnoni, Federica	S-ProvFlow. Storing and Exploring Lineage Data as a Service	Data Intelligence	10.1162/dint_a_00128
Palmiotto, Camilla Ficini, Eleonora Loreto, Maria	Back-Arc Spreading Centers and Superfast	Geosciences	10.3390/geosciences12020050

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Gambino, Salvatore Distefano, Giovanni	Intrusive Seismic Swarms as Possible Precursors of Destructive Earthquakes on Mt. Etna's Eastern Flank	International Journal of Geophysics	10.1155/2022/8565536
Gambino, Salvatore Falzone, Giuseppe Ferro, Angelo Laudani, Giuseppe Scuderi, Luciano	Tilt-Strain Changes Linked to a Jacking System Test	Civil and Environmental Engineering	10.2478/cee-2022-0022
Porfido, Sabina Alessio, Giuliana Gaudiosi, Germana Nappi, Rosa Michetti, Alessandro Maria	40 Years Later: New Perspectives on the 23 November 1980, Ms 6.9, Irpinia-Lucania Earthquake	Geosciences	10.3390/geosciences12040173
Amato, Eleonora	Machine learning and best fit approach to map lava flows from space	Il Nuovo Cimento C	10.1393/ncc/i2022-22080-1
Patricelli, Giulia Poli, Maria Eliana Cheloni, Daniele	Structural Complexity and Seismogenesis: The Role of the Transpressive Structures in the 1976 Friuli Earthquakes (Eastern Southern Alps, NE Italy)	Geosciences	10.3390/geosciences12060227
Megna, Antonella Cimini, Giovanni Battista Marchetti, Alessandro Pagliuca, Nicola Mauro Santini, Stefano	A Waveform Dataset in Continuous Mode of the Montefeltro Seismic Network (MF) in Central-Northern Italy from 2018 to 2020	Data	10.3390/data7120169
Pesci, Arianna Teza, Giordano Loddo, Fabiana Fabris, Massimo Monego, Michele Amoroso, Sara	Studio di possibili effetti sistematici nelle nuvole di punti SfM da APR: confronti con TLS, distorsioni e metodi di mitigazione	Quaderni di Geofisica	10.13127/qdg/177
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