

CURRICULUM VITAE

PALANO Mimmo

RESEARCHER IDENTIFIERS	
<i>Scopus_ID</i>	https://www.scopus.com/authid/detail.uri?authorId=56908457400
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EDUCATION AND QUALIFICATIONS	
<i>Date</i>	14/05/2020; National Scientific Qualification of the Italian Ministry of Education, University, and Research (MIUR) as Full Professor of Geophysics.
<i>Date</i>	09/09/2019; National Scientific Qualification of the Italian Ministry of Education, University, and Research (MIUR) as Associate Professor of Geophysics.
<i>Date</i>	01/11/2000 - 31/10/2003; PhD in Geological Sciences; Thesis: InSAR techniques in structural geology: some applications to Mt. Etna volcano. University of Catania (Italy); earned on 4 April 2004.
<i>Date</i>	03/10/1994 - 17/07/2000; Master Degree in Geological Sciences cum laude; Thesis: Analysis of instrumental seismological data relevant to Piano Pernicana - Piano Provenzana area. (Mt. Etna, 1996-1998).
APPOINTMENTS	
<i>Date</i>	Since 31/12/2014; Researcher with fixed position at Istituto Nazionale di Geofisica e Vulcanologia, Department of Catania.
<i>Data</i>	01/01/2006 - 30/12/2014; Researcher with temporary contract at Istituto Nazionale di Geofisica e Vulcanologia, Department of Catania.
<i>Date</i>	01/12/2003 - 31/12/2005; Postdoctoral Fellow at Istituto Nazionale di Geofisica e Vulcanologia, Department of Catania.
RESEARCH ACTIVITY	
	My research focuses on the underlying physical processes associated with natural hazards in general, and seismotectonic and volcanic applications in particular, through the study of both geodetic and seismic signals. I adopt simplified models of plate boundary processes, including viscoelastic deformation of the lower crust and/or upper mantle in order to understand how plate motions load active faults. My research focuses on the estimation of the portion of tectonic motion accommodated by earthquakes, providing valuable insights for the estimation of associated seismic hazard. On active volcanoes, I reconstruct the geometry of uprising dikes and/or magma chambers, by modelling surface displacements, in order to constrain the magmatic plumbing system and its spatiotemporal changes. I also work on the interaction between seismicity and volcano activity by showing how (de)pressurizing magmatic bodies modify the state of the stress of neighboring faults promoting their slips. I also work on time-dependent deformation (viscoelastic/after-slip relaxation and slow-slip events) episodes related to the frictional processes occurring beneath spreading volcanoes.
PROFESSIONAL SERVICE	
<i>Date</i>	01/12/2003 - 31/12/2017
<i>Activity description</i>	Member of the Geodesy and Ground deformation Group. On field activity for EDM and GNSS surveys both on volcanic and tectonic areas. GNSS data archiving, processing and modelling. Writing of the weekly report on the deformation pattern of active volcanoes in Southern Italy.
<i>Date</i>	01/11/2017 to present
<i>Activity description</i>	Member of the Seismic Group. On field activity for seismic survey on both volcanic and tectonic areas. Statistical analysis on historical and instrumental earthquake catalogs. Waveform-based focal mechanism estimation; crustal stress field computation from focal mechanisms.
<i>Date</i>	01/03/2007 to present

<i>Activity description</i>	Service as scientific guide for visitors (students, general public, etc.) at the Istituto Nazionale di Geofisica and Vulcanologia, Department of Catania.
<i>Date</i>	01/05/2008 to present
<i>Activity description</i>	Service as seismologist in the Control Room of the Istituto Nazionale di Geofisica and Vulcanologia, Sezione di Catania.
<i>Date</i>	01/01/2006 to present
<i>Activity description</i>	Member of the group involved into the development and analysis of the INGV - Rete Integrata GPS Nazionale (RING) developed and managed by the Istituto Nazionale di Geofisica and Vulcanologia.
<i>Date</i>	16/04/2014 - 15/11/2016
<i>Activity description</i>	Coordinator of the research group “T6 - Sismicità indotta e caratterizzazione dei sistemi naturali” at Istituto Nazionale di Geofisica and Vulcanologia, Department of Catania.

EDITORIAL AND PEER REVIEW ACTIVITY

<i>Date</i>	15/04/2023 to present
<i>Description</i>	Editorial board member of <u>Scientific Data</u> journal.
<i>Date</i>	01/08/2022 to present
<i>Description</i>	Editorial board member of <u>Scientific Reports</u> journal.
<i>Date</i>	01/03/2020 to present
<i>Description</i>	Editor-in-chief of <u>Results in Geophysical Sciences</u> journal.
<i>Date</i>	01/01/2020 - 25/02/2022
<i>Description</i>	Editorial board member of <u>Tectonophysics</u> journal.
<i>Date</i>	01/01/2020 - Presente
<i>Description</i>	Editorial board member of <u>Geoscience</u> journal.
<i>Date</i>	01/10/2019 - 31/10/2021
<i>Description</i>	Guest editor for a Special Issue entitled <u>Ground Deformation Patterns Detection by InSAR and GNSS Techniques</u> for Remote Sensing journal.
<i>Date</i>	21/02/2010 to present
<i>Description</i>	Reviewer for: Advances in Space Research; Bulletin of the Seismological Society of America; Bulletin of Volcanology; Earth and Planetary Science Letters; Frontiers Earth Science; Geodesy and Geodynamics; Geology; Geophysical Journal International; Geophysical Research Letters; Geoscience Frontiers; Geosciences Journal; Journal of Applied Remote Sensing; Journal of Geodynamics; Journal of Geophysical Research (Solid Earth); Journal of Volcanology and Geothermal Research; Nature Communications; Pure and Applied Geophysics; Remote Sensing; Scientific Reports; Solid Earth; Tectonophysics.

CONVENOR ACTIVITY AND CONFERENCE SCIENTIFIC COMMITMENTS

<i>Date</i>	07/02/2023 - 09/02/2023
<i>Description</i>	Convenor and chairperson of the session entitled “1.2 - Volcanoes and geothermal fields” of the 41° National GNGTS conference, Bologna (Italy).
<i>Date</i>	27/06/2022 - 29/06/2022
<i>Description</i>	Convenor and chairperson of the session entitled “1.2 - Vulcani e Campi geotermici” of the 40° National GNGTS conference, Trieste (Italy).
<i>Date</i>	19/04/2022 - 23/04/2022
<i>Description</i>	Co-Convenor of the session entitled “Tectonics and Seismicity of Intraplate Regions”, SSA 2022 Annual Meeting, Bellevue, Washington (USA)
<i>Date</i>	09/11/2021 - 21/09/2022
<i>Description</i>	Member of the scientific commitment of the Joint Congress of the Italian Geological Society (SGI) and the Italian Society of Mineralogy and Petrology (SIMP).

<i>Date</i>	22/06/2021 - 24/06/2021
<i>Description</i>	Convenor and chairperson of the session entitled “1.3 - Vulcani e Campi geotermici”, 39° National GNGTS conference.
<i>Date</i>	12/11/2019 - 14/11/2019
<i>Description</i>	Convenor and chairperson of the session entitled “1.3 - Vulcani e Geotermia” 38° National GNGTS conference, Roma (Italy)
<i>Date</i>	12/09/2018 - 14/09/2018
<i>Description</i>	Convenor and chairperson of the session entitled “S21 - Linking deep and surface processes: advances in volcanology from a multidisciplinary perspective”, SGI - SIMP Conference, Catania (Italy).
<i>Date</i>	07/09/2016 - 09/09/2016
<i>Description</i>	Co-Convenor of the session entitled “P4 - Fluid-rock interactions: metamorphism, geothermal resources, faulting processes and induced seismicity”, SGI conference, Napoli (Italy).

PARTECIPATION TO NATIONAL AND INTERNATIONAL PROJECTS

<i>Date</i>	01/10/2005 - 31/03/2009
<i>Project</i>	“VOLcanoes: Understanding subsurface mass moveMEnt”, funded by the European Community; team member.
<i>Date</i>	01/05/2008 - 31/07/2010
<i>Project</i>	“S5 - Test sites per il monitoraggio multidisciplinare di dettaglio”, funded by the Dipartimento di Protezione Civile Italiana; team member.
<i>Date</i>	01/05/2008 - 31/07/2010
<i>Project</i>	“V1 UNREST - Realizzazione di un metodo integrato per la definizione delle fasi di unrest ai Campi Flegrei”, funded by the Dipartimento di Protezione Civile Italiana; team member.
<i>Date</i>	01/05/2008 - 31/07/2010
<i>Project</i>	“V2 PAROXYSM - Definizione dei precursori attesi per eventi Mayri , parossismi e attività effusiva al vulcano Stromboli”, funded by the Dipartimento di Protezione Civile Italiana; team member.
<i>Date</i>	01/05/2008 - 31/07/2010
<i>Project</i>	“V3 LAVA - Realizzazione della mappa di pericolosità da colate di lava all’Etna, e messa a punto di un metodo di aggiornamento dinamico”, funded by the Dipartimento di Protezione Civile Italiana; team member.
<i>Date</i>	01/05/2008 - 31/07/2010
<i>Project</i>	“V4 FLANK - Pericolosità connessa alla dinamica di fianco all’Etna”, funded by the Dipartimento di Protezione Civile Italiana; team member.
<i>Date</i>	01/01/2011 - 31/12/2013
<i>Project</i>	“Natural Hazards - Development and application of new monitoring and interpretation methodologies useful to support decision making during crisis periods”, funded by the Spanish Ministry of Science and Innovation; team member.
<i>Date</i>	01/01/2014 - 30/06/2018
<i>Project</i>	“Aqurisk - Analysis of Geological-Geotechnical risk due to ground water exploitation using space and terrestrial techniques”, funded by the Spanish Ministry of Science and Innovation; team member.
<i>Date</i>	01/05/2014 - 30/04/2015
<i>Project</i>	“V3 - Multi-disciplinary analysis of the relationships between tectonic structures and volcanic activity”, funded by the Dipartimento di Protezione Civile; sub-task leader.
<i>Date</i>	22/12/2015 - 21/12/2016

<i>Project</i>	“Accordo di Collaborazione MISE - INGV per lo svolgimento di attività di studio e ricerca sulla sicurezza anche ambientale degli impianti di ricerca e coltivazione degli idrocarburi in mare”, funded by the Italian Ministry of Economic Development; task leader.
<i>Date</i>	14/12/2017 - 11/11/2019
<i>Project</i>	“Accordo operativo DGS-UNMIG - INGV per lo svolgimento di attività ricerca e di supporto istituzionale per lo studio di approcci innovativi in relazione alla tematica della sicurezza, anche ambientale, relativa alla ricerca ed alla coltivazione di idrocarburi in mare”, funded by the Italian Ministry of Economic Development; sub-task leader.
<i>Date</i>	01/01/2019 - 31/12/2021
<i>Project</i>	“Estudio del sistema de alimentacion magmatico profundo usando nuevos metodos geodesicos y geofisicos”, funded by the Spanish Ministry of Science and Innovation; team member.
<i>Date</i>	27/04/2020 - 31/12/2022
<i>Project</i>	“Pianeta Dinamico”, funded by the Italian Ministry of University and Research; task leader.
<i>Date</i>	06/03/2020 - 05/03/2023
<i>Project</i>	“Paroxysmal volcanic events and seaward motion at Mt. Etna: an improved picture from a geodetic and seismological perspective”, INGV - Internal Project, Principal Investigator.
<i>Date</i>	15/10/2020 - 15/10/2023
<i>Project</i>	“FURTHER - The role of FIUIDs in the pReparaTory pHase of EaRthquakes in Southern Apennines”, INGV - Internal Project, team member.
<i>Date</i>	01/11/2020 - 31/10/2023
<i>Project</i>	“Accordo Operativo 2020” funded by the Italian Ministry of Economic Development; team member.

EVALUATION OF INTERNATIONAL RESEARCH PROJECTS

<i>Date</i>	10/05/2021 - 31/05/2021
<i>Activity</i>	Expert Scientific Reviewer for the <u>French National Research Agency</u> .
<i>Date</i>	08/06/2021 - 13/08/2021
<i>Activity</i>	Expert Scientific Reviewer for the <u>German Research Foundation</u> .

TEACHING EXPERIENCES – SUPERVISION OF STUDENTS

I have a strong interest in learning and teaching issues, with particular emphasis on developing group work and research skills. My teaching activity is expressed through yearly seminars and short training courses in addition to university teaching courses (of University of Messina and University of Catania) or as part of project activities. In particular, I have taught several short courses in "Geodynamics", "Remote sensing" and "Active tectonics" of between 2-4 hours length for undergraduate students.

I have been co-tutor of 2 Ph.D. students and co-advisor of 11 either Bachelor and Master thesis students.

VISITING RESEARCHER

<i>Date</i>	03/11/2009 – 10/12/2009
<i>Activity</i>	Visiting Researcher at Stanford University (USA) to collaborate with Prof. Mark Zoback and his research group. Stage duration: 5 weeks.
<i>Date</i>	11/07/2016 - 16/07/2016
<i>Activity</i>	Visiting Researcher at Institute of Geosciences (CSIC-UCM; Spain) to collaborate with Dr. José Fernández and his research group. Stage duration: 1 week.

MEMBER IN COMMISSIONS OF TRUST

<i>Date</i>	10/09/2010
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Activity	Member of the Ph.D. commission at the <u>Universidad Complutense de Madrid</u> (Spain).
Date	19/10/2018
Activity	Member of the Ph.D. commission at the <u>Universidad de Almeria</u> (Spain).
Date	05/11/2018 - 28/11/2018
Activity	Member of the commission for a Research Grant at INGV.
Date	12/03/2019 - 12/04/2019
Activity	Member of the commission for a Research Grant at INGV.
Date	29/09/2022
Activity	Member of the Ph.D. commission at the University of Trieste (Italy).

BIBLIOMETRIC DATA AND PUBLICATIONSHirsch (H) index **30** (Scopus)

Papers on SCI journals

1. Bonforte A., Guglielmino F., **Palano M.**, Puglisi G. (2004) 'A *syn-eruptive ground deformation episode measured by GPS, during the 2001 eruption on the upper southern flank of Mt Etna*', *Bulletin of Volcanology*, 66(4), pp. 336-341, <https://doi.org/10.1007/s00445-003-0314-x>.
2. Bonaccorso A., Bonforte A., Guglielmino F., **Palano M.**, Puglisi G. (2006) 'Composite ground deformation pattern forerunning the 2004-2005 Mount Etna eruption', *Journal of Geophysical Research: Solid Earth*, 111(B12), B12207, <https://doi.org/10.1029/2005jb004206>.
3. **Palano M.**, Aloisi M., Amore M., Bonforte A., Calvagna F., Cantarero M., Consoli O., Guglielmino F., Mattia M., Puglisi B., Puglisi G. (2006) 'Kinematics and strain analyses of the eastern segment of the Pernicana fault (Mt. Etna, Italy) derived from geodetic techniques (1997-2005)', *Annals of Geophysics*, 49(4-5), pp. 1105-1117, <https://doi.org/10.4401/ag-3103>.
4. Bonforte A., Carbone D., Greco F., **Palano M.** (2007) 'Intrusive mechanism of the 2002 NE-rift eruption at Mt Etna (Italy) modelled using GPS and gravity data', *Geophysical Journal International*, 169(1), pp. 339-347, <https://doi.org/10.1111/j.1365-246x.2006.03249.x>.
5. Bonforte A., Gambino S., Guglielmino F., Obrizzo F., **Palano M.**, Puglisi G. (2007) 'Ground deformation modeling of flank dynamics prior to the 2002 eruption of Mt. Etna', *Bulletin of Volcanology*, 69(7), pp. 757-768, <https://doi.org/10.1007/s00445-006-0106-1>.
6. Bonforte A., Branca S., **Palano M.** (2007) 'Geometric and kinematic variations along the active Pernicana fault: Implication for the dynamics of Mount Etna NE flank (Italy)', *Journal of Volcanology and Geothermal Research*, 160(1-2), pp. 210-222, <https://doi.org/10.1016/j.jvolgeores.2006.08.009>.
7. **Palano M.**, Puglisi G., Gresta S. (2008) 'Ground deformation patterns at Mt. Etna from 1993 to 2000 from joint use of InSAR and GPS techniques', *Journal of Volcanology and Geothermal Research*, 169(3-4), pp. 99-120, <https://doi.org/10.1016/j.jvolgeores.2007.08.014>.
8. Puglisi G., Bonforte A., Ferretti A., Guglielmino F., **Palano M.**, Prati C. (2008) 'Dynamics of Mount Etna before, during, and after the July-August 2001 eruption inferred from GPS and differential synthetic aperture radar interferometry data', *Journal of Geophysical Research*, 113, B06405, <https://doi.org/10.1029/2006jb004811>.
9. Bonforte A., Bonaccorso A., Guglielmino F., **Palano M.**, Puglisi G. (2008) 'Feeding system and magma storage beneath Mt. Etna as revealed by recent inflation/deflation cycles', *Journal of Geophysical Research*, 113, B05406, <https://doi.org/10.1029/2007jb005334>.
10. Mattia M., **Palano M.**, Aloisi M., Bruno V., Bock Y. (2008) 'High rate GPS data on active volcanoes: An application to the 2005-2006 Mt. Augustine (Alaska, USA) eruption', *Terra Nova*, 20(2), pp. 134-140, <https://doi.org/10.1111/j.1365-3121.2008.00798.x>.
11. Mattia M., Aloisi M., Di Grazia G., Gambino S., **Palano M.**, Bruno V. (2008) 'Geophysical investigations of the plumbing system of Stromboli volcano (Aeolian islands, Italy)', *Journal of Volcanology and Geothermal Research*, 176(4), pp. 529-540, <https://doi.org/10.1016/j.jvolgeores.2008.04.022>.

12. Mattia M., **Palano M.**, Bruno V., Cannavò F., Bonaccorso A., Gresta S. (2008) 'Tectonic features of the Lipari-Vulcano complex (Aeolian archipelago, Italy) from 10 years (1996-2006) of GPS data', *Terra Nova*, 20(5), pp. 370-377, <https://doi.org/10.1111/j.1365-3121.2008.00830.x>.
13. Giammanco S., **Palano M.**, Scaltrito A., Scarfi L., Sortino F. (2008) 'Possible role of fluid overpressure in the generation of earthquake swarms in active tectonic areas: The case of the Peloritani Mts. (Sicily, Italy)', *Journal of Volcanology and Geothermal Research*, 178(4), pp. 795-806, <https://doi.org/10.1016/j.jvolgeores.2008.09.005>.
14. **Palano M.**, Gresta S., Puglisi G. (2009) 'Time-dependent deformation of the eastern flank of Mt. Etna: after-slip or viscoelastic relaxation?', *Tectonophysics*, 473(3-4), 300-311, <https://doi.org/10.1016/j.tecto.2009.02.047>.
15. Mattia M., **Palano M.**, Bruno V., Cannavò F. (2009) 'Crustal motion along the Calabro-Peloritan Arc as imaged by twelve years of measurements on a dense GPS network', *Tectonophysics*, 476(3-4), pp. 528-537, <https://doi.org/10.1016/j.tecto.2009.06.006>.
16. **Palano M.**, Rossi M., Cannavò F., Bruno V., Aloisi M., Pellegrino D., Pulvirenti M., Siligato G., Mattia M. (2010) 'Etn@ref: A geodetic reference frame for Mt. Etna GPS networks', *Annals of Geophysics*, 53(4), pp. 49-57, <https://doi.org/10.4401/ag-4879>.
17. Aloisi M., Mattia M., Ferlito C., **Palano M.**, Bruno V., Cannavò F. (2011) 'Imaging the multi-level magma reservoir at Mt. Etna volcano (Italy)', *Geophysical Research Letters*, 38(16), L16306, <https://doi.org/10.1029/2011gl048488>.
18. Bonanno A., **Palano M.**, Privitera E., Gresta S., Puglisi G. (2011) 'Magma intrusion mechanisms and redistribution of seismogenic stress at Mt. Etna volcano (1997-1998)', *Terra Nova*, 23(5), pp. 339-348, <https://doi.org/10.1111/j.1365-3121.2011.01019.x>.
19. **Palano M.**, Cannavò F., Ferranti L., Mattia M., Mazzella M.E. (2011) 'Strain and stress fields in the southern Apennines (Italy) constrained by geodetic, seismological and borehole data', *Geophysical Journal International*, 187(3), pp. 1270-1282, <https://doi.org/10.1111/j.1365-246x.2011.05234.x>.
20. **Palano M.**, Guarrera E., Mattia M. (2012) 'GPS ground deformation patterns at mount st. Helens (Washington, USA) from 2004 to 2010', *Terra Nova*, 24(2), pp. 148-155. <https://doi.org/10.1111/j.1365-3121.2011.01049.x>.
21. Mattia M., Bruno V., Cannavò F., **Palano M.** (2012) 'Evidences of a contractional pattern along the northern rim of the Hyblean plateau (Sicily, Italy) from GPS data', *Geologica Acta*, 10(1), pp. 63-70, <https://doi.org/10.1344/105.000001705>.
22. **Palano M.**, Ferranti L., Monaco C., Mattia M., Aloisi M., Bruno V., Cannavò F., Siligato G. (2012) 'GPS velocity and strain fields in Sicily and southern Calabria, Italy: Updated geodetic constraints on tectonic block interaction in the central Mediterranean', *Journal of Geophysical Research: Solid Earth*, 117, B07401, <https://doi.org/10.1029/2012jb009254>.
23. Bruno V., Mattia M., Aloisi M., **Palano M.**, Cannavò F., Holt W.E. (2012) 'Ground deformations and volcanic processes as imaged by CGPS data at Mt. Etna (Italy) between 2003 and 2008', *Journal of Geophysical Research: Solid Earth*, 117, B07208, <https://doi.org/10.1029/2011jb009114>.
24. González P. J., Tiampo K. F., **Palano M.**, Cannavò F., Fernández J. (2012) 'The 2011 Lorca earthquake slip distribution controlled by groundwater crustal unloading', *Nature Geoscience*, 5, pp. 821-825, <https://doi.org/10.1038/ngeo1610>.
25. Aloisi M., Bruno V., Cannavò F., Ferranti L., Mattia M., Monaco C., **Palano M.** (2013) 'Are the source models of the M 7.1 1908 Messina Straits earthquake reliable? Insights from a novel inversion and a sensitivity analysis of leveling data', *Geophysical Journal International*, 192(3), pp. 1025-1041, <https://doi.org/10.1093/gji/ggs062>.
26. De Guidi G., Lanzafame G., **Palano M.**, Puglisi G., Scaltrito S., Scarfi L. (2013) 'Multidisciplinary study of the Tindari Fault (Sicily, Italy) separating ongoing contractional and extensional compartments along the active Africa-Eurasia convergent boundary', *Tectonophysics*, 588, pp. 1-17, <https://doi.org/10.1016/j.tecto.2012.11.021>.

27. **Palano M.**, González P. J., Fernández J. (2013) ‘*Strain and stress fields along the Gibraltar Orogenic Arc: constraints on active geodynamics*’, *Gondwana Research*, 23(3), pp. 1071-1088, <https://doi.org/10.1016/j.gr.2012.05.021>.
28. **Palano M.**, Imprescia P., Gresta S. (2013) ‘*Current stress and strain-rate fields across the Dead Sea Fault System: Constraints from seismological data and GPS observations*’, *Earth and Planetary Science Letters*, 369-370, pp. 305-316, <https://doi.org/10.1016/j.epsl.2013.03.043>.
29. González P. J., **Palano M.** (2014). ‘*Mt. Etna 2001 eruption: new insights into the magmatic system feeding and the mechanical response of the western flank from geodetic data*’, *Journal of Volcanology and Geothermal Research*, 274, pp. 108-121, <https://doi.org/10.1016/j.jvolgeores.2014.02.001>.
30. De Guidi G., Imposa S., Scudero S., **Palano M.** (2014) ‘*New evidence for late Quaternary deformation of the substratum of Mt. Etna volcano (Sicily, Italy): Clues indicate active crustal doming*’, *Bulletin of Volcanology*, 76(5), <https://doi.org/10.1007/s00445-014-0816-8>.
31. Cannavò F., Scandura D., **Palano M.**, Musumeci C. (2014) ‘*A joint inversion of ground deformation and focal mechanisms data for magmatic source modelling*’, *Pure and Applied Geophysics*, 171(8), pp. 1695-1704. <https://doi.org/10.1007/s00024-013-0771-x>.
32. Ferranti L., **Palano M.**, Cannavò F., Mazzella M. E., Oldow J. S., Gueguen E., Mattia M., Monaco C. (2014) ‘*Rates of geodetic deformation across active faults in southern Italy*’, *Tectonophysics*, 621, pp. 101-122, <https://doi.org/10.1016/j.tecto.2014.02.007>.
33. Musumeci C., Scarfi L., **Palano M.**, Patanè D. (2014) ‘*Foreland segmentation along an active convergent margin: new constraints in southeastern Sicily (Italy) from seismic and geodetic observations*’, *Tectonophysics*, 630, pp. 137-149, <https://doi.org/10.1016/j.tecto.2014.05.017>.
34. **Palano M.** (2015) ‘*On the present-day crustal stress, strain-rate fields and mantle anisotropy pattern of Italy*’, *Geophysical Journal International*, 200(2), pp. 969-985, <https://doi.org/10.1093/gji/ggu451>.
35. Ferranti L., Milano G., Burrato P., **Palano M.**, Cannavò F. (2015) ‘*The seismogenic structure of the 2013–2014 Matese seismic sequence, southern Italy: Implication for the geometry of the Apennines active extensional belt*’, *Geophysical Journal International*, 201(2), pp. 823-837, <https://doi.org/10.1093/gji/ggv053>.
36. Spampinato L., Sciotto M., Cannata A., Cannavò F., La Spina A., **Palano M.**, Salerno G.G., Privitera E., Caltabiano T. (2015) ‘*Multiparametric study of the February-April 2013 paroxysmal phase of Mt. Etna new south-east crater*’, *Geochemistry, Geophysics, Geosystems*, 16(6), pp. 1932-1949. <https://doi.org/10.1002/2015gc005795>.
37. **Palano M.**, Schiavone D., Loddo M., Neri M., Presti D., Quarto R., Totaro C., Neri G. (2015) ‘*Active upper crust deformation pattern along the southern edge of the Tyrrhenian subduction zone (NE Sicily): Insights from a multidisciplinary approach*’, *Tectonophysics*, 657, pp. 205-218, <https://doi.org/10.1016/j.tecto.2015.07.005>.
38. Cannata A., Spedalieri G., Behncke B., Cannavò F., Di Grazia G., Gambino S., Gresta S., Gurrieri S., Liuzzo M., **Palano M.** (2015) ‘*Pressurization and depressurization phases inside the plumbing system of Mount Etna volcano: Evidence from a multiparametric approach*’, *Journal of Geophysical Research: Solid Earth*, 120(9), pp. 5965-5982, <https://doi.org/10.1002/2015jb012227>.
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According to law 679/2016 of the Regulation of the European Parliament of 27 April 2016, I hereby express my consent to process and use the data provided in this CV.

Date: Catania, May 28th 2023

Signature



Mimmo Palano