

PERSONAL INFORMATION

Marzia Rovere



 Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche
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 <http://scholar.google.com/citations?user=4NNiCTwAAAAJ&hl=en>

ORCID ID orcid.org/0000-0002-1397-7086

Date of birth | **Nationality** **Current Position** Senior Researcher

RESEARCH INTERESTS

Summary

My research interests concern seafloor mapping and marine cartography, in particular cold seep and hydrothermal habitats, marine geo-resources, deep oceanic crustal structure, deep-sea depositional systems. I focus on geo-hazards such as submarine landslides and their potential to trigger tsunamis, sediment transport in coastal areas, fluid flow along faults and the threat they pose to offshore installations. I am vice-chair of the joint IOC-IHO GEBCO (General Bathymetric Charts of the Oceans) Guiding Committee and member of the establishment team of the GEBCO Seabed 2030 initiative for achieving a complete bathymetric mapping of the ocean by 2030. I served as the Italian representative in the Legal and Technical Commission of the International Seabed Authority (ISA) and continue being the alternate head of delegation to the ISA for drafting the regulations of deep seabed mining. I sailed in more than 50 oceanographic cruises in the Mediterranean Sea and in the Atlantic Ocean and have been chief-scientist in dozens of them. I have been WP leader and PI in several EU projects (FP, H2020, ESF IPA, EMODnet, STOA, KAVA-KICS) and PI of research projects sponsored by consortia of oil companies and public stakeholders. I regularly supervise undergraduate, MSc and PhD projects.

Bibliometric Indicators

SCOPUS: h-index 22, citations 1913, documents 57
Google Scholar: h-index 23, citations 2525, i10-index 37

WORK EXPERIENCE

From 01/01/2021 to today

Senior Researcher

Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche Sezione di Bologna

- Integrating EO data with in-situ bathymetric data from autonomous vessels
- Analysis of seepage from hydrothermal vent complexes

From 2009 to 2020

Researcher

Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche Sezione di Bologna

- Applied and basic research, fund rising, project proposals and management
- PhD supervisor of 3 projects, > 20 MSc projects and internships

From 2007 to 2008

Offshore consultant

MSS International, Unit 1E - Block 71, The Plaza Park W Business Park Nangor Road, Dublin 12, Ireland

- Acquisition and Processing of marine geophysical data, interpretation, charts production
- Multibeam/Side Scan Sonar/Sub-bottom operator during pre-cable survey

From 2003 to 2007

Post-doc fellow

Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche Sezione di Bologna

- Acquisition and Processing of marine geophysical/geologic data, interpretation, analysis and management of data in a GIS-based environment
- Marine cartography, drawing up of reports and chart description, explanatory notes

EDUCATION AND TRAINING

1999 Laurea in Scienze Geologiche, Master Degree in Geological Sciences

University of Bologna

- Indagini sismiche al largo del Portogallo meridionale 110/110 L

2003 Dottorato di ricerca in Scienze della Terra, PhD in Earth Sciences

University of Bologna

- Strutturazione del margine atlantico iberico ed inversione miocenica in prossimità del limite di placca Eurasia-Africa

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

INSTITUTIONAL RESPONSIBILITIES

- 2022-today Member of the technical and scientific committee of the project on Ecological Transition of the Region Emilia-Romagna
- 2022-today Member of the European Marine Board Working Group on Deep Sea & Ocean Health
- 2021-today Vice-Chair of the joint IOC-IHO GEBCO (General Bathymetric Charts of the Oceans) Guiding Committee
- 2021-today CNR WG member Horizon Europe Sustainable Blue Economy Partnership
- 2014-today Member of the joint IOC-IHO GEBCO (General Bathymetric Charts of the Oceans) Guiding Committee
- 2021-today CNR WG member Horizon Europe Cluster 3 Civil security for Society- Topic 2 Geological disasters, such as earthquakes, volcanic eruptions and tsunamis
- 2018-today Alternate head of delegation of Italy at the International Seabed Authority, Jamaica
- 2015-2017 Head of the Continental Margins group of the Institute of Marine Sciences (ISMAR), Italy
- 2016-2018 Member of the Establishment Team of the GEBCO-Nippon Foundation Seabed 2030 project
- 2015 – 2016 Member of the Legal and Technical Commission of the International Seabed Authority
- 2018 – 2024 Contact person for the Framework Agreement between CNR and Italian Navy
- 2014 – 2017 ISMAR contact person for project area “DTA.AD003 - Rischi ambientali, naturali e antropici”
- 2014 – 2017 Contact person for collaboration program between ISMAR and University of Bologna
- 2013 – 2018 Member of the GEBCO Technical Sub-Committee
- 2013 – today CNR representative of the “Cluster Nazionale di Tecnologie del Mare”
- 2011 – 2014 Head of CNR Research Topic TA. P05.022 “Geomorfologia dei margini continentali per la mitigazione dei rischi geologici”
- 2010 Head of CNR Research sub-topic TA. P07.016.006 “Geomorfologia dei Margini Continentali Italiani”
- 2009 – today Regional coordinator of the Central Mediterranean Sea, WP leader and Steering Committee member of the EMODnet Bathymetry and HRSM projects, sponsored by the EU Directorate-General for Maritime Affairs and Fisheries, for an accessible and sustainable digital mapping of the European sea-beds at the highest possible resolution

NATIONAL AND INTERNATIONAL GRANTS (as principal investigator in the last 10 years)

- 2022 – 2024 PI of the “Cooperation Agreement” between Ministero della Transizione Ecologica, Dipartimento per l'Energia e il Clima Direzione Generale Infrastrutture e Sicurezza Sistemi Energetici e Geominerari and CNR - project SPOT3 and environmental impacts deriving from hydrocarbon production in the Italian offshore. Budget 380.000 €.
- 2020 – 2023 PI CNR and WP5 leader “Use cases” of the project H2020-SPACE-2020 4S (GA n. 101004221) on

	satellite-derived bathymetry. Budget 2.214.145 €. CNR Budget 272.175 €.
2020 – 2022	PI CNR of the European tender No. EASME/2020/OP/0006 “high resolution seabed mapping”, Contract n. Budget: 2.799.500 €. CNR budget 154.500 €.
2020 – 2022	PI of the “Cooperation Agreement” between Ministero della Transizione Ecologica, Dipartimento per l'Energia e il Clima Direzione Generale Infrastrutture e Sicurezza Sistemi Energetici e Geominerari and CNR - project H&ERA-Lacinia on triggered offshore seismicity. Budget 165.000 €.
2019 – 2020	PI CNR of the Start-Up Action Sealines - Mediterranean Safety Network within the CSA BLUEMED (GA n. 727453) on decommissioning of offshore infrastructures. Budget 32.000 €.
2018 – 2020	PI CNR of the European tender EMODnet Bathymetry — High Resolution Seabed Mapping. Contract n. EASME/EMFF/2017/1.3.1.2/SI2.791269. Budget 3.719.725€. CNR Budget 195.000 €.
2017 – 2021	PI CNR of the project H2020-MSCA-ITN-2016 (Marie Skłodowska-Curie Innovative Training Networks) SLATE (Submarine LANDslides and Their impact on European continental margins), GA n. 721403. Budget 3.894.543 €. Budget CNR 258.000 €.
2017 – 2018	PI of the “Cooperation Agreement” between Ministero dello Sviluppo Economico, Direzione Generale per la Sicurezza anche ambientale delle attività minerarie ed energetiche and CNR on marine geo-hazards. Budget 545.000 €.
2016 – 2018	PI CNR of the European tender EMODnet Bathymetry — High Resolution Seabed Mapping, Contract n. EASME/EMFF/2015/1.3.1.7/SI2.742125. Budget 4.916.982 €. Budget CNR 195.000 €.
2015 – 2017	Technical Director of the tender "Piano Operativo per l'individuazione di Giacimenti di Sabbia Sottomarina utilizzabili il Ripascimento Artificiale dei Litorali Sabbiosi in Erosione della Regione" P.O.R. PUGLIA 2000-2006 - FESR - CIG: 57930987B2, CUP: H31113000010002. Budget € 1.564.800, RTI made of ISMAR CNR, CoNISMa, So.Pro.Mar. Spa.
2015 – 2017	PI Action “Environmental Impacts of Oil & Gas exploration and exploitation in the Adriatic-Ionian Region” Ritmare IV anno. Budget 190.000 €. 5 Operational Units.
2013 – 2014	PI Action Progetto Ritmare - SP4 WP1 A3 “Georisorse”. Budget 290.000 €. 4 Operational Units.
2012 – 2016	PI CNR service tender SI2.656767 EMODnet (European Marine Observation and Data Network) MARE/2012/10 – Lot 1 Bathymetry. Budget 1.999.999 €. Budget CNR 90.000 €.

TEACHING ACTIVITY

2009-2021	6 Post-doc fellows 4 PhD students (University of Bologna, Italy, University of Florence, Italy) 5 Master students (University of Bologna, Italy) > 20 internships (University of Bologna, Italy, University of Bari, Italy, University of Florence, Italy, DEEP BLUE PROJECT: Developing Education and Employment Partnerships for a Sustainable Blue Growth in the Western Mediterranean Region).
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ORGANIZATION OF SCIENTIFIC MEETINGS (in the last 10 years)

2020	Workshop Convener: “From Offshore Oil & Gas to Deep Seabed Mining: new technologies and emerging issues”, online, Italy.
2016	“Forum for the Future of the Ocean Floor Mapping”, Monaco, Montecarlo
2014	Workshop Co-convener: “Georesources in Horizon 2020. Perspectives of deep sea and continent exploration/exploitation and recycling of Non-Energy Raw Materials” 87° SGI.
2013	“GEBCO (General Bathymetric Chart of the Oceans) 2013 conference”, Venice, Italy.

FURTHER INFORMATION

National and international acknowledgments

Chief scientist in 12 oceanographic cruises, participated in more than 40 multi-purpose oceanographic campaigns in the Mediterranean Sea and in the Atlantic Ocean, funded by EU, the Ministry of Economic Development, the Ecological Transition and other stakeholders, including the offshore industry.

Adviser in matters concerning Maritime Safety and Security and the Law of the Sea, marine resources for the Italian Ministries of Foreign Office, Ecological Transition and Economic Development.

Evaluation of research results

2021 – Associate Editor, Frontiers in Earth Science
2020 – Editorial Board, MDPI Geosciences
2019 – Reviewer: Marine Geology, Marine and Petroleum Geology, Geology, Marine Policy
2018 – Scientific Advisory Board, recruitment panel member, NF-GEBCO Seabed2030 project

2015 – Co-Editor of the IUCN, Global Marine and Polar Programme, book “Atlas of the Mediterranean seamounts and seamount-like structures”.

ATTACHMENT

List of the top publications in the main research field (in the last ten years)

Personal data According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Date: Bologna, 25 October 2022

Signature: Marzia Rovere

List of the top publications in the main research field (in the last ten years)

1. G. Ardito, M. Rovere, 2022. L'Italia e l'autorità Internazionale dei Fondali Marini: Bilanci e Prospettive a 40 Anni dalla Conclusione della Convenzione di Montego Bay. Book Chapter: Italia e diritto del mare.
2. G. Ardito, G. Andreone, M. Rovere, 2022. Overlapping and Fragmentation in the Protection and Conservation of the Marine Environment in Areas Beyond National Jurisdiction. *Frontiers in Marine Science*, in press.
3. M. Rovere, A. Mercorella, F. Gamberi, F. Zgur, 2022. Hydrothermal vent complexes control seepage and hydrocarbon release on the overriding plate of the Tyrrhenian-Ionian subduction system (Paola Basin). *Frontiers in Earth Science* 10:852786. doi: 10.3389/feart.2022.852786.
4. G. Ardito, M. Rovere, 2022. Racing the clock: recent developments and open environmental regulatory issues at the International Seabed Authority on the eve of deep-sea mining. *Marine Policy* 140, 105074. doi: 10.1016/j.marpol.2022.105074.
5. N. Mejjad, M. Rovere, 2022. Deep-Sea Mining and Potential Risk: Opportunities and Challenges Chapter 12. In: Islam, N. Md. and Bartell, S.M. (Eds) *Global Blue Economy. Analysis, Developments, and Challenges*. Taylor & Francis Group, LLC. eBook ISBN9781003184287. doi: 10.1201/9781003184287-12.
6. B. Dorschel et al., 2022. The International Bathymetric Chart of the Southern Ocean Version 1 2 (IBCSO v2). *Scientific Data* 9, 275. doi: 10.1038/s41597-022-01366-7
7. N. Mejjad, M. Rovere, 2021. Understanding the Impacts of Blue Economy Growth on Deep-Sea Ecosystem Services. *Sustainability* 13, 12478. <https://doi.org/10.3390/su132212478>.
8. T. Gauchery, M. Rovere, C. Pellegrini, A. Asioli, T. Tesi, A. Cattaneo, F. Trincardi, 2021. Post-LGM multi-proxy sedimentary record of bottom-current variability and downslope sedimentary processes in a contourite drift of the Gela Basin (Strait of Sicily). *Marine Geology* 439 (2021) 106564. <https://doi.org/10.1016/j.margeo.2021.106564>.
9. C. Pellegrini, T. Tesi, J. Schieber, K. M. Bohacs, M. Rovere, A. Asioli, A. Nogarotto, F. Trincardi, 2021. Fate of terrigenous organic carbon in muddy clinothems on continental shelves revealed by stratal geometries: Insight from the Adriatic sedimentary archive. *Global and Planetary Change* 203, 103539. <https://doi.org/10.1016/j.gloplacha.2021.103539>.
10. V. Funari, H.I. Gomes, D. Coppola, G.A. Vitale, E. Dinelli, D. de Pascale, M. Rovere, 2021. Opportunities and threats of selenium supply from unconventional and low-grade ores: A critical review. *Resources, Conservation & Recycling* 170, 105593. <https://doi.org/10.1016/j.resconrec.2021.105593>.
11. F. Zaniboni, G. Pagnoni, M. A. Paparo, T. Gauchery, M. Rovere, A. Argnani, A. Armigliato, S. Tinti, 2021. Tsunamis From Submarine Collapses Along the Eastern Slope of the Gela Basin (Strait of Sicily). *Frontiers in Earth Science* 8, 602171. <https://doi.org/10.3389/feart.2020.602171>.
12. T. Gauchery, M. Rovere, C. Pellegrini, Antonio Cattaneo, Elisabetta Campiani, Fabio Trincardi, 2021. Factors controlling margin instability during the Plio-Quaternary in the Gela Basin (Strait of Sicily, Mediterranean Sea). *Marine and Petroleum Geology* 123, 104767. <https://doi.org/10.1016/j.marpetgeo.2020.104767>.
13. M. Rovere, A. Mercorella, E. Frapiccini, V. Funari, F. Spagnoli, C. Pellegrini, A. S. Bonetti, T. Veneruso, A. N. Tassetti, M. Dell'Orso, M. Mastroianni, G. Giuliani, R. De Marco, G. Fabi, F. Ciccone, I. Antoncicchi, 2020. Geochemical and Geophysical Monitoring of Hydrocarbon Seepage in the Adriatic Sea. *Sensors*, 20, 1504. <https://doi.org/10.3390/s20051504>.
14. I. Antoncicchi, G. Rossi, M. Bevilacqua, R. Cianella, G. Vico, S. Ferrero, F. Catania, M. Pacini, N. Mondelli, M. Rovere, M. Bibuli, D. Vittorini, D. Di Battista, 2020. Research hub for an integrated green energy system reusing sealines for H2 storage and transport. *Environmental Engineering and Management Journal* 19-10, 1647-1656.
15. I. Antoncicchi, F. Ciccone, G. Dialuce, S. Grandi, F. Terlizze, D. Di Bucci, M. Dolce, A. Argnani, A. Mercorella, C. Pellegrini, M. Rovere, A. Armigliato, G. Pagnoni, M.A. Paparo, S. Tinti, F. Zaniboni, R. Basili, D. Cavallaro, M. Coltelli, M. Firetto Carlino, L. Lipparini, S. Lorito, F.E. Maesano, F. Romano, L. Scarfi, M.M. Tiberti, M. Volpe, J. Fedorik, G. Toscani, B. Borzi, M. Faravelli, F. Bozzoni, V. Pascale, D. Quaroni, F. Germagnoli, S. Belliazzi, M. Del Zoppo, M. Di Ludovico, G.P. Lignola, A. Prota, 2020. Progetto SPOT – Sismicità

- Potenzialmente innesabile Offshore e Tsunami. Report integrato di fine progetto. <https://doi.org/10.5281/zenodo.3732887> ISBN: 9788894366945.
16. K. Huhn, M. Arroyo Alvarez de Toledo, A. Cattaneo, M. Clare, E. Gràcia, C. Harbitz, S. Krastel, A. Kopf, F. Løvholt, M. Rovere, M. Strasser, P. Talling, R. Urgeles Esclasans, 2019. Modern Submarine Landslide Complexes: A Short Review. In: "Submarine Landslides Subaqueous Mass Transport Deposits from Outcrops to Seismic Profiles", K. Ogata, A. Festa, G.A. Pini (Eds.). Geophysical Monograph Series 246. John Wiley & Sons and the American Geophysical Union, 183–200. <https://doi.org/10.1002/9781119500513.ch12>.
 17. F. Gamberi, G. Dalla Valle, F. Foglini, M. Rovere, F. Trincardi, 2019. Submarine Landslides on the Seafloor: Hints on Subaqueous Mass-Transport Processes from the Italian Continental Margins (Adriatic and Tyrrhenian Seas, Offshore Italy). In: "Submarine Landslides Subaqueous Mass Transport Deposits from Outcrops to Seismic Profiles", K. Ogata, A. Festa, G.A. Pini (Eds.). Geophysical Monograph Series 246. John Wiley & Sons and the American Geophysical Union, 339–356.
 18. A. Dannowski, H. Kopp, F. Klingelhoefer, D. Klaeschen, M.-A. Gutscher, A. Krabbenhoef, D. Dellong, M. Rovere, D. Graindorge, C. Papenberg, I. Klaucke, 2019. Ionian Abyssal Plain: A window into the Tethys oceanic lithosphere. *Solid Earth* 10, 447–462. <https://doi.org/10.5194/se-10-447-2019>
 19. V. Funari, H.I. Gomes, M. Cappelletti, S. Fedi, E. Dinelli, M. Rogerson, W.M. Mayes, M. Rovere. Optimization routes for the bioleaching of MSWI fly and bottom ashes using microorganisms collected from a natural system. *Waste and Biomass Valorization* 10, 3833–3842. <https://doi.org/10.1007/s12649-019-00688-9>
 20. M. Rovere, C. Pellegrini, J. Chiggiato, E. Campiani, F. Trincardi, 2019. Impact of dense bottom water on a continental shelf: An example from the SW Adriatic margin. *Marine Geology* 408, 123–143. <https://doi.org/10.1016/j.margeo.2018.12.002>
 21. C. Pellegrini, A. Ascoli, K.M. Bohacs, T.M. Drexler, H.R. Feldman, M.L. Sweet, V. Maselli, M. Rovere, F. Gamberi, G. Dalla Valle, F. Trincardi, 2018. The late Pleistocene PO river lowstand wedge in the Adriatic Sea: Controls on architecture variability and sediment partitioning. *Marine and Petroleum Geology* 96, 15–50. <https://doi.org/10.1016/j.marpetgeo.2018.03.002>.
 22. M. Rovere, 2018. The Common Heritage applied to the resources of the seabed. Lessons learnt from the exploration of deep sea minerals and comparison to marine genetic resources. *Marine Safety and Security Law Journal* 5/2018-19, 78–98. ISSN 2464-9724.
 23. D. Di Bucci, I. Antoncicchi, F. Ciccone, G. Teofilo, F. Terlizze, A. Argnani, M. Ligi, M. Rovere, R. Basili, M. Coltelli, S. Lorito, B. Borzi, F. Germagnoli, M. Di Ludovico, G.P. Lignola, A. Prota, 2017. The SPOT project (potentially triggerable offshore seismicity and tsunamis): a first appraisal of the possible impact of oil and gas platforms on the seismic and tsunami risks along the Italian coasts. *Geingegneria Ambientale e Mineraria*, Anno LIV, 3, 125–131.
 24. M. Rovere, E. Campiani, E. Leidi, A. Mercorella, 2017. Natural hydrocarbon seepage in the Italian offshore. *Geingegneria Ambientale e Mineraria*, Anno LIV, 3, 35–40.
 25. Caroppo C., Rovere M., 2017. Proceedings of the Conference "The Ionian and Adriatic Region: energy resources and environmental sustainability", Taranto 19 May 2017, pp. 68. https://zenodo.org/record/1038936#Wfb_fbpFxaR.
 26. C. Pellegrini, K.M. Bohacs, T.M. Drexler, Gamberi F., M. Rovere, F. Trincardi, 2017. Identifying the sequence boundary in over-and under-supplied contexts: the case of the late Pleistocene Adriatic continental margin. Proceedings of the 36th Annual Gulf Coast Section SEPM Foundation Perkins-Rosen Research Conference 4–5 December 2017: "Sequence Stratigraphy: the Future Defined": pp. 160–182. Curran Associates, Inc., Houston, Texas, USA. DOI: <https://doi.org/10.5724/gcs.17.160> ISBN: 9781510867956. ISBN electronic: 9781944966362.
 27. F. Madricardo, F. Foglini, A. Kruss, C. Ferrarin, N.M. Pizzeghello, C. Murri, M. Rossi, M. Bajo, D. Bellafiore, E. Campiani, S. Fogarin, V. Grande, L. Janowski, E. Keppel, E. Leidi, G. Lorenzetti, F. Maicu, V. Maselli, A. Mercorella, G. Monteleale Gavazzi, T. Minuzzo, C. Pellegrini, A. Petrizzo, M. Prampolini, A. Remia, F. Rizzetto, M. Rovere, A. Sarretta, M. Sigovini, L. Sinapi, G. Umgieser, F. Trincardi, 2017. High-Resolution Multibeam and Hydrodynamic Datasets of Tidal Channels and Inlets of the Lagoon of Venice. *Scientific Data* 4:170121. <https://doi.org/10.1038/sdata.2017.121>.
 28. F. Franchi, M. Rovere, F. Gamberi, H. Rashed, O. Vaselli, F. Tassi, 2017. Authigenic minerals from the Paola Ridge (southern Tyrrhenian Sea): Evidences of episodic methane seepage. *Marine and Petroleum Geology* 86, 228–247. <https://doi.org/10.1016/j.marpetgeo.2017.05.031>.
 29. M.-A. Gutscher, H. Kopp, S. Krastel, G. Bohrmann, T. Garlan, S. Zaragosi, I. Klaucke, P. Wintersteller, B. Loubrieu, Y. Le Faou, L. San Pedro, S. Dominguez, M. Rovere, B. Mercier de Lepinay, C. Ranero, V. Sallares, 2016. Active tectonics of the Calabrian subduction revealed by new multi-beam bathymetric data and high-resolution seismic profiles in the Ionian Sea (Central Mediterranean). *Earth and Planetary Science Letters* 41, 61–72. <https://doi.org/10.1016/j.epsl.2016.12.020>.
 30. P. Madureira, H. Brekke, G. Cherkashov, M. Rovere, 2016. Exploration of polymetallic nodules in the Area: reporting practices, data management and transparency. *Marine Policy* 70, 101–107. <https://doi.org/10.1016/j.marpol.2016.04.051>.
 31. M.-A. Gutscher, S. Dominguez, B.M. de Lepinay, L. Pinheiro, F. Gallais, N. Babonneau, A. Cattaneo, Y. LeFaou, G. Barreca, A. Micallef, M. Rovere, 2015. Tectonic expression of an active slab-tear from high-resolution seismic and bathymetric data offshore Sicily (Ionian Sea). *Tectonics* 35(1), 39–54. <https://doi.org/10.1002/2015TC003898>.
 32. E. Miramontes Garcia, A. Cattaneo, G. Jouet, E. Thereau, Y. Thomas, M. Rovere, E. Cauquil, F. Trincardi, 2016. The Pianosa contourite depositional system (northern Tyrrhenian sea): drift morphology and plio-quaternary stratigraphic evolution. *Marine Geology* 378, 20–42. <https://doi.org/10.1016/j.margeo.2015.11.004>.
 33. L.A.S. Hansen, R. Callow, I. Kane, F. Gamberi, M. Rovere, B. Cronin, B. Kneller, 2015. Complexities of channel related thin-bedded turbidites. *Marine and Petroleum Geology* 67, 852–879. <https://doi.org/10.1016/j.marpetgeo.2015.06.007>.
 34. P. Weatherall, K.M. Marks, M. Jakobsson, T. Schmitt, S. Tani, J.-E. Arndt, M. Rovere, D. Chayes, V. Ferrini, R. Wigley, 2015. A New Digital Bathymetric Model of the World's Oceans. *Earth and Space Science* 2 (8), 331–345. <https://doi.org/10.1002/2015EA000107>.
 35. M. Rovere, H. Rashed, E. Pecchioni, A. Mercorella, A. Ceregato, E. Leidi, F. Gamberi, Orlando Vaselli, 2015. Habitat mapping of cold seeps associated with authigenic mineralization (Paola Ridge, southern Tyrrhenian Sea): combining seafloor backscatter with biogeochemistry signals. *Italian Journal of Geosciences*, 134, 23–31. <https://doi.org/10.3301/IJG.2014.15>.

36. M. Würtz, M. Rovere (eds) (2015). Atlas of the Mediterranean Seamounts and Seamount-like Structures. Gland, Switzerland and Málaga, Spain: IUCN-2015-043. 276 pages. ISBN: 978-2-8317-1750-0. <https://portals.iucn.org/library/node/45816>
37. M. Rovere, M. Bo, J. Alessi, C. Paoli, N. Villani, P. Vassallo, C. Fiori, N. Roccatagliata, 2015. Seamounts and Seamount-Like Structures of the Tyrrhenian Sea. In Würtz, M. & M. Rovere (eds) (2015). Atlas of the Mediterranean Seamounts and Seamount-like Structures. Gland, Switzerland and Málaga, Spain: IUCN-2015-043. 276 pages. ISBN: 978-2-8317-1750-0.
38. F. Gamberi, M. Rovere, M.P. Marani, M Dykstra, 2015. Modern deep sea fan facies development along a tectonically active margin. *Geosphere*, 11, 307-319. <https://doi.org/10.1130/GES01030.1>
39. F. Gamberi, M. Rovere, A. Mercorella, E. Leidi; G. Dalla Valle, 2014. Geomorphology of the northeastern Sicily continental shelf. *Geomorphology*, 217, 106-121. <https://doi.org/10.1016/j.geomorph.2014.03.038>.
40. M. Rovere, F. Gamberi, A. Mercorella, H. Rashed, A. Gallerani, E. Leidi, M. Marani, V. Funari, G.A. Pini, 2014. Venting and seepage systems associated with mud volcanoes and mud diapirs in the southern Tyrrhenian Sea. *Marine Geology*, 347, 153-171. <https://doi.org/10.1016/j.margeo.2013.11.013>.
41. F. Gamberi, M. Rovere, A. Mercorella, E. Leidi, 2014. The influence of a lateral slope on turbidite lobe deposition in a modern transient slope fan (Villafranca deep sea fan, Tyrrhenian Sea). *Journal of Sedimentary Research*, 84, 475-486. <https://doi.org/10.2110/jsr.2014.37>.
42. M. Rovere, F. Gamberi, A. Mercorella, E. Leidi, 2014. Geomorphometry of a submarine mass-transport complex and relationships with active faults in a rapidly uplifting margin (Gioia Basin, NE Sicily margin). *Marine Geology*, 356, 31-43. <https://doi.org/10.1016/j.margeo.2013.06.003>.
43. F. Gamberi, M. Rovere, M. Dykstra, I. Kane, B.C. Kneller, 2013. Integrating modern seafloor and outcrop data in the analysis of slope channel architecture and infill. *Marine and Petroleum Geology*, 41, 83-103. <https://doi.org/10.1016/j.marpetgeo.2012.04.002>.