

Michele Rebesco
CURRICULUM VITAE

Date of birth 1st March 1964
Nationality Italian

SUMMARY OF RESEARCH INTERESTS AND EXPERIENCE

My research interests are focused on the **geophysical and geological exploration of continental margins**, aimed at depositional processes and paleoclimatic reconstruction. My main focus is on polar margins and interacting downslope and alongslope deep-sea sedimentary processes and submarine instabilities.

EMPLOYMENT HISTORY AND RESEARCH STAYING

January 2020 – date:	Esteemed Scientist (Dirigente di Ricerca) at OGS
January 2009 – December 2019:	Permanent Senior Scientist at OGS
August 2001 – December 2008:	Permanent Scientist at OGS
August 1996 – August 2001:	Temporary Scientist at OGS
October – November 1993:	Guest researcher at British Antarctic Survey (UK).
December 1992 – January 1993:	Professional collaboration, University of Milano, Italy
November 1990 – November 1992:	EC GEOSCIENCE Program fellowship at OGS
September 1989 – November 1990:	Professional collaboration, University of Parma, Italy

EDUCATION

1996: Dottorato di Ricerca (PhD) in Earth Sciences, University of Parma, Italy. Thesis: "The "Sediment Drifts" of the Pacific Margin of the Antarctic Peninsula" ("Margine Pacifico della Penisola Antartica: Analisi sismostratigrafica del rialzo continentale")

1989: Laurea (M.Sc.) in Geological Sciences, University of Parma, Italy. Thesis: "Geologic/structural survey of the High Lessinian between the Adige Valley and the Vaio Squaranto (Eastern Sector)"

1983: Scientific High School degree (Maturità scientifica), Liceo "Don Bosco", Verona.

Full Professor National Scientific Qualification in Geology (Abilitazione Scientifica Nazionale come Professore di Prima Fascia per il Settore 04/A2)

➤ **SCIENTIFIC EXPERTIZE IN THE GEOPHYSICAL STUDY OF THE EARTH**

A) publication record

My expertize in the geophysical study of the Earth is demonstrated primarily by my publication record, which includes **120 publications in SCOPUS, with 5,751 total citations and H-index = 40.**

SCOPUS Author ID: 57203482247

Web of Science (e Publons) ResearcherID: B-7462-2014

ORCID 0000-0002-9492-4081

Five most recent papers:

Yin S et al (2024) Direct in situ evidence of tidal roles in the formation of contourite depositional systems. *Earth and Planetary Science Letters* 648, art. no. 119100

Jakobsson M et al (2024) The International Bathymetric Chart of the Arctic Ocean Version 5.0. *Scientific Data* 11, art. no. 1420

Frisicchio V et al (2025) Tectono-sedimentary processes shaping the West Sardinian margin and adjacent oceanic basin during the Plio-Quaternary (Western Mediterranean Sea). *Marine Geology* 480, art. no. 107450

Ford J et al (2024) Seismic cyclostratigraphy: Hypothesis testing for orbital cyclicity using seismic reflection data. *Earth-Science Reviews* 258, art. no. 104962

Donda F et al (2024) Footprint of sustained poleward warm water flow within East Antarctic submarine canyons. *Nature Communications* 15, art. no. 6028

B) participation in national and international marine geophysical expeditions

Being a marine geologist, my expertise in the field has grown with the participation in 9 national and international marine expeditions, of which 4 as scientific coordinator, for a total of about 350 days at sea, in the Arctic, Antarctic and Mediterranean seas:

1 & 2) R/V OGS-Explora (Italy), **X° and XII° Italian Antarctic** Cruises, aimed at the survey of the sediment drifts of the Antarctic Peninsula margin, with high-resolution multi-channel seismics, coring and oceanographic measurements (Jan.-Feb. 1995, and Feb.-March 1997). Appointments: near-trace monitoring, core handling.

3) R/V URANIA (Italy), **SINAPSI** Cruise, aimed at understanding the climate interannual variability for the marine ecosystem of the Mediterranean basin, with heat-flow measurements, coring and CTD analyses (Nov.-Dic. 1997). Appointments onboard: Chirp Sonar monitoring, core handling, staff-scientist.

4) D/S JOIDES RESOLUTION, **ODP Leg 188** cruise in Prydz Bay, Antarctica (Freemantle 16/1/2000 - Hobart 11/3/2000) to drill the glacial sediments from continental shelf, slope and rise. Appointment: sedimentologist.

5) R/V OGS-Explora (Italy), **XIX° Italian Antarctic** Cruise, aimed at survey Sediment drift 7 (Antarctic Peninsula margin, with multibeam and sub-bottom ecosoundings (Jan-Feb 2004). Appointments: Scientific coordinator.

6) R/V N.B. Palmer (US), **NBP0603** Cruise to the former Larsen Ice Shelf area (11/04-06/05 2006). Appointments onboard: scientific coordinator of the seismic acquisition.

7) R/V OGS-Explora (Italy), **EGLACOM** (Evolution of a GLacial Arctic COntinental Margin) Cruise within the IPY framework, aimed at the geophysical survey of the southern Svalbard ice stream-dominated sedimentary system (8 July – 4 August 2008). Appointments onboard: Scientific coordinator.

8) R/V Maria S. Merian (Germany), **CORIBAR** (Ice Dynamics and Meltwater Deposits: Coring in The Kveithola Trough, NW Barents Sea) international Cruise (MSM 30), aimed at drilling glacial sediments with the seafloor drill rig MeBo (16.07. – 15.08.2013). Appointments onboard: member of the co-ordinating board and core handling.

9) R/V OGS-Explora (Italy), Ross Sea (Antarctica), **ODYSSEA** project (Jan-March 2017) aimed at the survey of the sedimentary bodies affected by alongslope bottom currents, with high-resolution multi-channel seismics, coring and oceanographic measurements. Appointments: Scientific coordinator.

10) R/V Laura Bassi (Italy), Ross Sea (Antarctica), **ODYSSEA** project (December 2024) aimed at surveying the Hillary Canyon with multi-channel seismics, coring and oceanographic measurements. Appointments: Scientific coordinator.

C) Prizes

An objective element that proves my scientific expertise is the **certificate of "Most cited 2014 publication"** in Marine Geology (Elsevier) for the article: Rebesco et al 2014, Contourites and associated sediments controlled by deep-water circulation processes (Marine Geology, 352, 111–154). From 2014 this article is still one of the three most downloaded articles and one of the ten most cited articles in Marine Geology.

➤ MANAGEMENT EXPERIENCE IN GEOPHYSICAL/GEOLOGICAL RESEARCH:

D) management activity

I have been **coordinator** for a total of over 10 consecutive years **of the research group GEMAR** of the RIMA Department from the beginning of 2005 and subsequently of the GEOS research group of the GEO Section until the end of 2014. The group composition has changed and increased over time from a minimum of 6 people to over 15. At present I am coordinating the Marine Geology and Geophysics **research group including 27 people**.

I have been **vice-director** (2006) **of the OGS RIMA Department** (Marine Research and Technologies) and am presently **vice-director of the Geophysical section (since 2021)**.

I am active as **coordinator** of several research and innovation projects I have conceived and proposed (among these, 7 multi-annual financed projects) and coordinator of research sub-units in various projects coordinated by others (among these, 14 multi-annual financed projects):

Scientific coordinator (1997-1998), **SEDANO II** project and operational unit (17 people) for the study of the contouritic sediment drifts of the Pacific margin of the Antarctic Peninsula

Scientific coordinator (1998-2002) of operational unit (3 people), **UNESCO IGCP 432** project

Scientific co-coordinator (1999-2001) of operational unit (6 people), **ULISSE** project

Scientific coordinator (1999-2001), **SEDANO III-A** project and operative unit (11 people) for the study of the contouritic sediment drifts of the Pacific margin of the Antarctic Peninsula

Scientific coordinator (2000-2002) of operational unit (4 people), **SINAPSI** project

Scientific coordinator (2002-2003), **MAGIC** project and operative unit (7 people) for the study of the bathymetry of sediment drift 7, Pacific margin of the Antarctic Peninsula

Scientific coordinator (2004-2006) of operational unit (3 people), **EURODOM** project

Scientific coordinator (2005-2009) of operational unit (3 people), **UNESCO IGCP 511** project

Scientific coordinator (2007-2009) of operational unit (3 people), **SVAIS** project

Scientific coordinator (2008), **EGLACOM** cruise and operational unit (12 people) for the study of the glacial continental margin of the Barents Sea

Scientific coordinator (2009–2013) of operational unit (9 people), **EUROFLEETS** project

Scientific coordinator (2010-2014) of operational unit (3 people), **UNESCO IGCP 585** project

Scientific coordinator (2011-2012), **MELTSTORM** project and operational unit (11 people) for the analysis of the data acquired on the continental glacial margin of the Barents Sea

Scientific coordinator (2012-2016) of operational unit (4 people), **UNESCO IGCP 619** project
Scientific coordinator (2012-2015) of operational unit (4 people), **INQUA 1204** project
Scientific coordinator (2012-2016) of operational unit (3 people), **INQUA 1202** project
Scientific coordinator (2013–2017) of operational unit (8 people), **EUROFLEETS2** project
Scientific coordinator (2014–2016), **VALFLU** project and operational unit (4 people) for the development of methodologies for the detection of fluids in polar sediments
Scientific coordinator (2015–2016) of operational unit (10 people), **ARCA** project
Scientific coordinator (2016–2020), **ODYSSSEA** project and operational unit (12 people) for the study of contouritic sediment drifts and ocean dynamics on the edge of the Ross Sea
Scientific coordinator (2019-2023) of operational unit (7 people), **EUROFLEETS +** project
Scientific coordinator (2023-2026) **PNRA IOPPIERS** and operational unit (16 people)
Scientific coordinator (2019-2023) of operational unit (7 people), **EU POLARIN** project

E) Participation in committees

My participation in various committees, contributing to the management of research within scientific organizations and programs, documents my organizational skills for strategic promotion, inter-functional collaboration and 'team-building' towards achieving targets.

I currently participate in 7 different committees and in the past I have participated in 8 others:

OGS Delegate (2004) Italian **IMAGES** Committee (International Marine Past Global Change)
Member of **OGS Scientific Committee** (2005-2012) and commission for career progression
OGS delegate (2007) to the Italian **IYPE** (International Year of Planet Earth) committee
OGS Delegate (since 2009) at the **Arctic Coordination Table** at MAECI
OGS delegate (2005-2014) in the **IODP Italy** committee for participation in the IODP project
Expert (2009-2012) of the **ERICON Aurora Borealis Science Advisory Panel** (EU 7 FP)
Editorial board member (since 2008) Int. Bathymetric Chart of the Southern Ocean (**IBCSO**)
Editorial board member (since 2011) Int. Bathymetric Chart of the Arctic Ocean (**IBCAO**)
Italian Delegate (2011), Arctic Council's **Senior Arctic Official's meeting**, Luleå, Sweden.
Italian Delegate (since 2011) to Arctic Monitoring and Assessment Progr., **Arctic Council**
Member (2016-2021) **Magellan+** Steering Committee, IODP workshop proposals evaluation
ECORD member (2017-2020) of the **IODP** Science Evaluation Panel
Italian Delegate (2018) to the **Second Ministerial on the Arctic** (ASM2) in Berlin
OGS Delegate (2018 - 2023) **Arctic Scientific Committee** (CSA), Arctic Research Program
Chair (since 2018), Sci. Liaison Panel, Arctic Research Icebreaker Consortium (**ARICE**)
Member (2021 – 2024), IODP ECORD Facility Board (EFB).

F) organizer of conferences

My activity as organizer or co-organizer of numerous conferences, schools, workshops and sessions of national and international conferences contributes to determining advancements not only in the scientific knowledge, but also in terms of organizational skills, strategic promotion and 'team-building' within the organizing entities.

Among others, I have organized or co-organized over 30 events, including:

- 1999: joint meeting of the **JOIDES** scientific steering and evaluation panels, Udine
- 2000: **IGCP 432** Contourite Watch (Seismic characteristics of contourites) workshop, Trieste
- 2001: Nathaniel B. Palmer 00-03 (**Larsen Ice Shelf**) Post-Cruise Meeting, Trieste
- 2003: **COHIMAR-SEDANO** R / V Hesperides Post-Cruise Meeting, Trieste
- 2004: "**Contourites**" session at 32nd International Geological Congress, Florence
- 2006: **EURODOM** Final Project Meeting and Int. Course "Geo-Bio-sphere coupling", Trieste
- 2008: **Contourites** session at 33rd International Geological Conference, Oslo
- 2009: International Polar Year **NICESTREAMS** meeting, Barcelona, Spain
- 2009: **EGLACOM** (N / R OGS-Explora at the Svalbard during IPY) meeting, MIUR, Rome
- 2010: 1st **Deep-Water Circulation** (Process & Deposits) Int. Congress, Baiona, Spain
- 2010-2023: Session on Glaciated continental margins, **EGU**, Vienna
- 2011: **EGLACOM** (Evolution of a GLacial Arctic COntinental Margin) Workshop, Parma
- 2011: Session "Research & sustainable development in the Arctic region", **Geotalia**, Turin
- 2012: **CORIBAR** (MeBo Coring in the Barents Sea) international workshop, Trieste
- 2014: **PastGateways** (Palaeo-Arctic Spatial and Temporal Gateways) Conference, Trieste
- 2014: 2nd **Deep-Water Circulation** (Contourite LogBook) Int. Congress, Gent, Belgium
- 2015: **PREPARED** (PREsent and PAsT flow Regime west of Spitsbergen) meeting, Trieste
- 2015: **Turbintermars** (Turbulence and Interactions in Marine Systems) Conference, Trieste
- 2015: Session "Deep-Sea Clastic Sedimentary Processes", **AGU**, San Francisco
- 2016: Project "award" **ARCA** (Arctic Climate Change) Final Conference, MAECI, Rome
- 2017: 3rd **Deep-Water Circulation** (Multidisciplinary) Int congress, Wuhan, China
- 2017: **PAIS** (Past Antarctic Ice Sheet Dynamics) Conference, Maritime Station, Trieste
- 2018: **SOA** (Spitsbergen Oceanic and Atmospheric interaction) SIOS Int. Meeting, Trieste
- 2018: **Contourites** session, 20th International Sedimentological Congress, Quebec
- 2018: **Short Course** "Criteria for identifying contourite deposits" 20th ISC, Quebec, Canada
- 2019: Marine Geological Processes session at **European Geosciences Union**, Vienna
- 2019: 34th **IAS** (International Association of Sedimentologists) meeting, La Sapienza, Rome
- 2020: **EFRAM-arc** (Eastern Fram Strait Palaeo Archive) IODP Magellan + workshop, Trieste
- 2020: **Science Evaluation Panel** meeting, IODP, Trieste (postponed)
- 2021: ECORD Facility Board (**EFB**) meeting, IODP, Trieste
- 2023: **Deep Ocean Drilling Workshop**, 4th Deep Water Circulation Res. Conf., Edinburgh

➤ **PROMOTION OF INNOVATION AND TECHNOLOGY TRANSFER:**

The activity of promotion of innovation and technology transfer includes the dissemination and training activities for the scientific community.

G) Dissemination activity

Over the years, I have maintained an intense activity of scientific dissemination and knowledge/technology transfer. My activity has included seminars and university scientific courses, seminars, articles, books, posters and popular films, numerous radio and television interventions, production of content for press releases and web pages, organization of training courses on research ships, round tables, events for the training of secondary school teachers, activities of "school-work alternation", participation in Open Day. Among these activities I remember:

Since the 2000s: **seminars** in various national and international universities (e.g. in 2008 the IODP Conference Cycle, dedicated to the dissemination and promotion of the IODP Project)

2004: **dissemination article** Rebesco M., "Le Contouriti", *Geitalia* 23, pp. 40-42

2007: **dissemination article** Rebesco M., "Larsen Ice Shelf, Universities, pp. 57-62

2008: collaboration in the **dissemination book** "From ice to space", E. Mazzoli, Biblion ed.

Since 2008: participation in **radio and television broadcasts** (e.g. Radio RAI REGIONE with Daniela Picoi about Arctic and Antarctica expeditions and Planet Earth week ...)

Since 2008: production of contents for OGS **press releases** (eg on the occasion of publication in the magazine "Science", expeditions in the Arctic and Antarctica, ...)

2009: **contract professor** for the "Contourites" course, 23-26 November 2009, Barcelona

2009: **dissemination article** Rebesco, EGLACOM expedition in the Arctic, *Geitalia* 27, 4-6

Since 2009: **content provider** for IPY activity 367 web page (NICESTREAMS), "OGS in the Arctic" page for MAECI and their servers, ARCA Award Project page ...

2009-2017: Work Package **Training coordinator** for the Eurofleets project and organizer of knowledge transfer activities, including "Floating University" and training of researchers and marine technicians in multidisciplinary courses on board research ships (eg Celtic Voyager)

2010: **collaboration with the film** "Trieste and the international polar year" made by Ignazio Garzia with the contribution of the FVG region (editorial coordination by Paolo Giurco)

2011: **Organization of the round table** "Research and sustainable development in the Arctic region", VIII Italian Forum of Earth Sciences (*Geitalia* 2011), Turin.

2012-2021: teaching of the "along-slope sedimentary processes" module within the **Marine Geology course** at the University of Trieste (Geosciences master course).

2012: collaboration in **dissemination book** "Trieste fra i ghiacci", E Mazzoli, Luglio publisher

2014: Organization of the **round table** on "Energy in the polar areas", TriesteNext, Trieste.

2014: Organization "**VALFLU Edu Workshop**" for teacher training for secondary school I and II degree, in-depth study on the topics of popularizing the Polar Sciences

2014-2021: organization of "Glaciology" **PhD course** at the University of Trieste and Venice

2016: **dissemination poster** "CARL WEYPRECHT AND THE INTERNATIONAL POLAR YEAR'S", 16th EMS Annual Meeting & 11th ECAC 12–16 September 2016 - Trieste

From 2016: **Master Course** "Natural climate variability", Master in Sustainable Development, Resource Geopolitics and Arctic Studies, SIOI, Rome

Since 2016: organization/collaboration of "**school-work alternation**" activities at OGS for secondary school students.

2017: **blogger** for "Il Piccolo" newspaper from the Antarctic expedition on OGS Explora.

2017: collaboration to the **video**: 360 ° Antarctica - The journey

2020 and 2023: teaching of “Contourites, Bottom Currents and Paleocirculation” within the **ENI internal Master “Geoscience for Energy Master School (GEMS)”**

Since 2021: **Lecturer of Basin Analysis** (48 hours), Master in Geosciences, Univ. Trieste

2022: lecturer in the course “**Palaeo-reconstruction of polar margins**”, university of Venice

2022: **Ars Navigandi Experience Lab** (Antarctic explorations), ISIS Mattei Latisana

2023: **interview** with Luca Bignami for the movie “How is our planet doing?”, **Focus TV**.

2023: **Keynote presentation** at 4th Deep Water Circulation Res. Conference, Edinburgh

2024-2029: Co-lead of the “Training for infrastructure users” Work Package in the Horizon EU project: POLAR research Infrastructure Network (POLARIN)

H) supervision or tutoring of traineeships, theses, doctorates and scholarships:

Between degree thesis, doctorate, traineeships, scholarships and research grants, I collaborated in the supervision and therefore the promotion of innovation and knowledge/technology transfer towards 19 students and young researchers, with various roles including:

Tutor (1998-2001) of OGS **scholarship** (Renata Lucchi)

Tutor (2002) of **internship** of three AWI post-doc (R Rendle, CD Hillenbrand, C Scheuer)

Co-supervisor (2004-2005) of **degree thesis** from the University of Trieste (Silvia Fiorini)

Tutor (2006) of the PhD student **internship** (Tyler Smith, Rice University, USA)

Tutor (2009) of ICTP Tril Program **Internship** (Yanguang Liu, FIO Qingdao, China)

Tutor (2010-2011) of the PhD student **internship** (M. Pedrosa, Universitat de Barcelona)

Tutor (2011-2013) **post-doc** FP7 MCA Talents (Caroline Lavoie)

Co-supervisor (2013-2014) **degree thesis** from the University of Trieste (Leonardo Rui)

Co-supervisor (2013-2016) **PhD** from the University of Trieste (Michele Petrini)

Co-supervisor (2014-2015) **degree thesis** from the University of Trieste (Vanni Munari)

Supervisor (2014-2017) **PhD** from the University of Trieste (Leonardo Rui)

Co-tutor (2015) **extracurricular internship** University of Trieste (Maria Elena Musco)

Tutor (2017) **scholarship** HPC-TRES (Michele Petrini)

Tutor (2016) of the PhD student **internship** (Wei Li, University of Kiel)

Co-tutor (2016-2017) **extracurricular internship** University of Trieste (Vanni Munari)

Co-supervisor (2016-2017) **degree thesis** from the University of Trieste (Rudy Conte)

Tutor (2017-2018) OGS **scholarship** (Leonardo Rui)

Co-supervisor (2017-2021) **PhD** from the University of Venice (Francesca Battaglia)

Tutor (2018) **extracurricular internship** University of Trieste (Rudy Conte)

Supervisor (2018) **Master** project in Blue Growth OGS (Nessim Douss)

Co-tutor (2018-2019) research **fellowship** HPC-TRES (Florence Colleoni)

Co-supervisor (2018-2022) **PhD** from the University of Venice (Rudy Conte)

Supervisor (2019-2022) **PhD** from the University of Trieste (Nessim Douss)

Tutor (2019-2020) of the PhD student **internship** (Jian Li, SCSIO, Guangzhou, China)

Tutor (2021-2022) of the Master student internship (Rossana Ventrice, University Pisa, Italy)

Tutor (2022) of the TWAS-SISSA-Lincei Internship (Theophile Mugerwa, Univ. of Rwanda)

Supervisor (2024-2027) **PhD** from the University of Venice (Jan Dell'Anno)

I) Evaluation activity

My activity as evaluator includes roles as president of evaluation committees, evaluator of hundreds of proposals for research projects and scientific manuscripts, doctoral theses, and applications for candidates for various types of research positions. Through this evaluation activity I contributed to the selection of proposals and articles on the basis of their scientific excellence, thus contributing to the promotion of innovation and knowledge/technology transfer. Among the roles covered in my activity as evaluator:

Chair (since 2018) of the Scientific Liaison Panel of Arctic Research Icebreaker Consortium (**ARICE**) which manages the evaluation of proposals for scientific research icebreakers.

Peer reviewer for the **National University System Evaluation Agency** (ANVUR) for Research Quality Assessment (VQR)

Evaluator of scientific research proposals submitted to funding agencies such as, among others: Research Executive Agency (REA) of the European Commission (FP7, H2020), MIUR (PRIN proposals, "Rita Levi Montalcini" Young Researchers Program), US National Science Foundation, Natural Sciences and Engineering Research Council of Canada (NSERC), French Ministry of Research and Innovation (Equipment of Excellence), Australian National Antarctic Research, Danish Centre for Marine Research, Israel Science Foundation, Flanders Research Foundation (FWO), Alfred Wegener institute (Polarstern cruises), AXA Research Fund, University of Insubria (Junior Research), Università of Camerino (Univ. Research Funds).

Evaluator of manuscripts submitted to scientific journals such as: Nature, Scientific Reports, Geology, Sedimentology, Marine Geology, Quaternary Science Reviews, Marine and Petroleum Geology, Geo-Marine Letters, Marine Geophysical Researches, Earth-Science Reviews, Sedimentary Geology, Deep-Sea Research, Earth and Planetary Science Letters, Palaeo3, Basin Research, Journal of Quaternary Sciences, Journal of the Geological Society of London, Antarctic Science, The Holocene, Terra Antarctica Reports, Annals of Geophysics, The Cryosphere, TerraNova, Boletín Geológico y Minero, articles for the American Geophysical Union and for Springer Bookseries, monographs proposed to Elsevier, Springer, Manson Publishing.

Referee for academic positions for: University of Texas at Austin, University of Stockholm, University of KwaZulu-Natal, China Youth 1000 Talent Program, University of Ghent, Chinese Academy of Sciences, Ca 'Foscari University of Venice, British Antarctic Survey, Universidade de Aveiro, University of Aberdeen.

Member of commissions for the **evaluation of PhD theses** in various universities, including: Bremen, Gent, Bordeaux, Svalbard, Barcelona, Stockholm, Bologna, Trieste.

Member of **competition commissions** for the selection of PhD candidates (University of Trieste) and (in OGS) scholarships, research fellowships, fixed-term researcher positions.

J) Editorial activity

My editorial activity, contributing to the promotion of innovation and knowledge/technology transfer, mainly consists in the curation of 5 volumes in 5 different international journals and in the activity of Editor-in-Chief for the international journal Marine Geology:

Rebesco M., Stow D. (Eds.), 2001, *Seismic expression of contourites and related deposits*, **Marine Geophysical Researches**, 22 (5-6), 220 pp.

Viana, A.R. and Rebesco, M. (Eds), 2007. *Economic and Palaeoceanographic Significance of Contourite Deposits*. **Geological Society, London**, Special Publication, **276**, 350 pp.

Rebesco M., Camerlenghi A. (Eds.), 2008, *Contourites*, **Developments in Sedimentology** 60, Elsevier, 666 pp.

Hernández-Molina J, Stow D, Llave E, Rebesco M, Ercilla G, Van Rooij D, Mena A, Vázquez J, Voelker A (Eds.), 2011, *Deep-water Circulation*. **Geo-Marine Letters** 31, 5–6, pp. 285-547

Rebesco M., Mosher D., Piper D.J.W. (Eds.), 2017, *Advancements in Understanding Deep-Sea Clastic Sedimentation Processes*, **Marine Geology** 393, 260 pp.

Member of the editorial board of the international journal Marine Geology (2006-2014).

Editor-in-Chief of the journal Marine Geology (2014-present), with Impact Factor 3.349.

➤ ATTRACTION OF FUNDING

K) competitive call for funding of research activities and technology development:

I am active as a proponent and co-proponent in various projects that have attracted funds for research and logistics (ship time). Among these, 24 funded projects:

SEDANO project (1994-1996), co-proponent together with Angelo Camerlenghi (owner of PNRA funds for 90 million lire) + 30 days of ship time of OGS Explora.

SEDANO II project (1997-1998), proponent and owner of funds (PNRA) for 230 million lire + 30 days of ship time of OGS Explora.

ULISSE project (1999-2001), inventor (while the coordinator and owner of PNRA funds for 50 million lire was Fabrizio Zgur). Acquisition in 2000 on board the US N.B. Palmer.

Project **SEDANO III-A** (1999-2001), proponent and co-proponent of the companion SEDANO III-B and -C and owner of funds (PNRA) for 350 million lire + ship time Hesperides.

SINAPSI project (2000-2002), co-proponent, coordinator of operational unit within OGS and owner of funds (CNR and MURST) for 39 million lire + ship time on board R/V Urania.

MAGICO project (2002-2003), proponent and owner of funds (PNRA) for 90 million lire + 30 days of ship time of OGS Explora.

EURODOM project (2002-2006), coordinator of operational unit (from 1 September 2004) and fund owner (EU) for € 205,000 (co-proponent was Angelo Camerlenghi).

SVAIS project (2007-2009), coordinator of an OGS operating unit and fund owner (Spanish Ministry) for 9,350 € (designed by Angelo Camerlenghi, with Hesperides cruise).

EGLACOM project (2008), proponent of the 26-day multidisciplinary cruise on OGS Explora supported by OGS for a total of over € 600,000 (MIUR funds and service activities).

MELTSTORM project (2011-2012), proponent of the project for the analysis of data from the EGLACOM cruise and owner of funds (PNRA) for € 60,000.

EU **EUROFLEETS** project (2009–2013), co-proponent of the project which included the use of OGS Explora, coordinator of the WP Training and owner of funds (EU 7 FP) for € 595,690

CORIBAR project (2013), inventor of the proposal submitted by Till Hanbuth to the German DFG and obtained 26 days of shiptime of R/V Maria S. Merian for a value of € 985,000

EU **EUROFLEETS2** project (2013–2017), co-proponent of the project that included the use of OGS Explora, coordinator of WP Training and owner of funds (EU 7 FP) for € 662,615.

EU EUROFLEETS2 **PREPARED** project (2014), co-proponent (with Renata Lucchi) of the proposal that obtained 10 days of R/V G.O. Sars ship-time for a value of € 323,000.

VALFLU project (2014–2016), proponent, scientific coordinator and fund owner (PNRA) for € 50,000

ARCA (*ARctic present Climatic change and pAst extreme events*) award project (2015–2016), co-proponent, lead of the OGS operating unit and fund owner (MIUR) for € 620,000

EU EUROFLEETS2 **BURSTER** project (2016), proponent of the proposal that obtained 3 days of use of the Polarstern research icebreaker for a value of € 311,000.

ODYSSEA project (2016–2019), proponent and owner of funds (PNRA) for € 155,100 + 7 operational days of ship time of OGS Explora.

EU **EUROFLEETS+** project (2019-2023), co-proponent of the project that includes the use of the research icebreaker Laura Bassi, and owner of funds (EU 7 FP) for € 424,240.

EU ARICE **CASE** project (2020), proponent of the proposal that obtained 7 days of shiptime of the icebreaker Sikuliaq for a value of € 340,000.

EU EUROFLEETS+ **ICON** (2020) project, co-proponent (with Jenny Gales) of the proposal which obtained 5 days of ship-time of Laura Bassi for a value of € 190,000.

International Ocean Discovery Program (**IODP**) project, co-proponent of proposals 732, 892, 915, 934 and 954, 979 and 985 for scientific drilling with the Joides Resolution vessel.

EU **POLARIN** (2024-2029) project: co-proponent of the project that includes the use of the research icebreaker Laura Bassi, and owner of funds (Horizon EU) for € 555,106.

IOPPIERS project (2023–2026), proponent, scientific coordinator and fund owner (PNRA) for € 299,450 + 15 operational days of ship time of R/V Laura Bassi.

The information contained in this curriculum vitae et studiorum is provided under the personal responsibility of the undersigned in accordance with articles 46 and 47 of Presidential Decree 28.12.2000, n. 445, aware of the criminal liability provided for in art. 76 of the same Presidential Decree 28.12.2000, n. 445, for the hypotheses of falsehood in documents and false declarations.

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Trieste, 03 January 2024

(Michele Rebesco)