

ANGELO CAMERLENGHI

Laurea, Milano, Earth Sciences
MS, College Station TX, Geological Oceanography
Doctorate, Milano, Earth Sciences

Present Position (since 2012):

Director, Geophysics Research Section
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale OGS

Mother language: Italian
Fluent in English
Fluent in Spanish,
Basic knowledge of Catalan

PROFESSIONAL BACKGROUND

- Research Assistant at the Ocean Drilling Program, Texas from 1986 - 1988.
- Assistant Secretary at the ESF Scientific Consortium for ODP)Secretariat, Department of Earth Sciences, University of Milano, 1989 - 1991.
- Junior Researcher (Ricercatore) at Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) 1991 – 1996.
- Senior Researcher (Primo Ricercatore) with permanent position at Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) 1996 - 2004.
- Research Professor and Associate Professor ICREA, with permanent position at Institució Catalana de Recerca i Estudis Avançats, C/o Departament d'Estratigrafia, P. i Geociències Marines Universitat de Barcelona / Facultat de Geologia, 2004 - 2012.

RESEARCH FELLOWSHIPS

Fullbright from September 1986 to September 1988 (at Texas A&M University, College Station, Texas)

TEACHING EXPERIENCE

- 1997-1998 Contract Professor within the Marine Geology course of Degree in Natural Sciences of the Department of Earth Sciences of the University of Milano.
- 2004 Contract Professor in the Programa de Doctorado en Ciencias del Mar, de la Universidad Politécnica de Catalunya, (UPC) el Consejo Superior de Investigaciones Científicas (CSIC) y la Universidad de Barcelona (UB). 'Antarctic Marine Geology'.
- 2007-2011 Associate Professor at the University of Barcelona, Faculty of Geology. Course: Fluid circulation in Marine Sediments, for the European Master Program of Oceanography and Management of the Marine Environment.
- 2012-present Contract Professor for the course of Marine Geology, Department of Mathematics and Geosciences, University of Trieste.
- 2013-present Member of the Council of the International Doctorate school Earth Sciences and Fluid Mechanics (ESFM), University of Trieste, ICTP, and OGS.

Presently Co-ordinator of COST Action CA15103 (Uncovering the Mediterranean Salt Giant (MEDSALT), 2015-2019 and participant in 2 Marie Curie ETN: Submarine Landslides and their impact on European Continental Margins (SLATE), and Understanding the Mediterranean Salt Giant (SALTGIANT)

CO-ORDINATION AND MANAGEMENT OF RESEARCH STRUCTURES AND ACTIVITIES

Within the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS).

- 1997-2004. Co-ordinator of the Research Unit "Interpretation of Geophysical Data (INTE)" within the Department of Geophysics of the Lithosphere.
- 1997 Co-Proponent of the high and intermediate resolution multi-channel seismic reflection system of OGS.
- 1998 Member of the OGS Committee for the decisions related to the Research Vessel OGS-Explora.
- 2002-2004 Alternate OGS member of the Scientific programme Committee of the 32nd International Geological Congress of Florence 2004.
- 2004-2005 Chairman of IODP-Italia (National Committee for the Italian Participation to the Integrated Ocean Drilling Program).

Within the Italian National Research Council (CNR)

- 1994-2002 Member of the Scientific Board of the CNR Research Institute GeoMare Sud, Naples
- 1995-2003 Member of the CNR Committee for the co-ordination for the Italian activities within the Ocean Drilling Program.

On behalf of the Italian Ministry of Education, University and Research (MIUR)

- 2013- Present. Delegate in the Management Board of CIESM (The Mediterranean Scientific Committee).
- 2013- Present. Delegate in the Management Board of JPI Oceans.
- 2013- Present. Delegate in the Western Mediterranean Dialogue Forum (5+5) Research and Innovation.

Within the Ocean Drilling Program (ODP) and Integrated Ocean Drilling Program (IODP)

- 1998 Co-Chief Scientist of ODP Leg 178 (Antarctic Peninsula), 12/2 - 9/4/1998.
- 2004-2005 Italian Delegate in the ECORD Science Support and Advisory Committee (ESSAC).
- 2005 Organizing and Scientific Committee member of the ESF Magellan Series Workshop: Scientific Ocean Drilling behind the assessment of geo-hazards from submarine slides. Barcelona, 25-27 October 2006.
- 2006-2011 Member of the of the Spanish Committee for IODP.
- 2007 Steering Committee member of the IODP-IMI Workshop on Geohazards, Portland, Oregon (USA), August 26-30 2007.

Within the activities promoted by the European Commission.

- 1998-present. Expert Evaluator, DGXII - AG, Science, Research & Development (n. EE19981A23852)
- 1991 Participation to the Planning Workshop "Geomarine Research Using Advanced Deep Water and Deep Seismic Acquisition Techniques", Geomar, Kiel, Germany, 6-7 May 1991.
- 1998 Participation to the FP V Planning Workshop "Extreme Marine Environments", Geomar, Kiel, Germany, 19-22 November 1998.
- 1998 Participation to the FP V Planning Workshop on Challenges for Academia and Oil Industry in Deepwater Margin Studies, Tromsø, Norway, 18-20/3/1999.

Other Advisorship

- 2006–present Member of the Scientific Board of MARUM, University of Bremen Germany.
- 2006 Member of the Review Panel of the ESF EuroCore program EUROMARC.

- 2009 – 2014 Member of the ERICON (European Research Icebreaker Consortium – Aurora Borealis) Science Advisory Panel, ESAP as expert in Seafloor Processes and Natural Hazards. <http://www.eri-aurora-borealis.eu/en/home/>
- 2018 Member of the Review Panel of the research activities of the Alfred Wegener Institute (AWI), Helmholtz Association of German Research Centres

MAIN PROJECTS AS PRINCIPAL INVESTIGATOR:

Within the Programma Nazionale di Ricerche in Antartide (PNRA).

Giant Sedimentary Deposits by Bottom Currents on the Pacific Margin of the Antarctic Peninsula (SEDANO). In co-operation with the British Antarctic Survey. PNRA Annual Executive Plans (PEA) 1994-95 and 1995-96. 235 MLIT (€121,000.00) plus 30 days ship time of *R/V OGS-Explora*.

Sediment Drifts of the Antarctic Offshore (SEDANO-II) in co-operation with the British Antarctic Survey. Annual Executive Plans (PEA) 1996-97. 199 MLIT (€102,800.00) plus 30 days ship time of *R/V OGS-Explora*.

ODP (Ocean Drilling Program) Leg 178. In co-operation with the British Antarctic Survey and Hamilton College. Annual Executive Plans (PEA) 1997-98 and 1998-99. 164 MLIT (€84,700.00) plus 7 days ship time of *R/V OGS-Explora*.

Within the International Polar Year (IPY) 2007-2009.

Coordinator of IPY Activity #367 Neogene ice streams and sedimentary processes on high-latitude continental margins (NICE STREAMS).

Within the programmes funded by the European Commission

Principal investigator (OGS Partner) of the MAST-II project An Integrated Investigation of the Fluid Flow Regime of the Mediterranean Ridge (MEDRIFF) (Contract MAS2-CT92-0037 MEDRIFF), 1993-1996. €69,000.00.

Principal investigator (OGS Partner) of the FP V project Techniques for the Quantification of Methane Hydrate in European Continental Margins (HYDRATECH) (Contract EVK3-CT-2000-00043), 2001-2003. €121,153.00.

Principal investigator (OGS Partner) of the of the FP V Research Training Networks “European Deep Ocean Margins: A New Training-Through-Research Frontier (EURODOM) (Contract HPRN-CT-2002-00212), 2003-2006. €196,200.00.

Principal proponent at OGS within the Integrated Project Hotspot Ecosystems Research on the Margins of European Seas (HERMES), co-ordinated by Phyl Weaver, 2005-2008 (budget allocated €200,120.00). Note. The contract has remained at OGS after my move to Barcelona. I am now participant in HERMES through the University of Barcelona.

Principal proponent of the EU 7th FWP EUOFLEETS (Towards an Alliance of European Research Fleets) project Salt deformation and sub-salt fluid circulation in the Algero-Balearic abyssal plain (SALTFLU). 2010-2013. The funding of this project through the award of 11 days of ship time of the *R/V OGS-Explora*, equivalent to 330,000.00 Euros.

Co-ordinator of COST Action CA15103 (Uncovering the Mediterranean Salt Giant (MEDSALT), 2015-2019.

Within projects funded by the Spanish National Program of Scientific Research, Development, and Technological Innovation

Principal Investigator of the project The development of an Arctic ice stream-dominated sedimentary system: The southern Svalbard continental margin (SVAIS) (POL2006-07390/CGL) funded under the Spanish activities for the International Polar Year (IPY). 2006 – 2009. €272,250.00.

Principal Investigator of the project Corrientes de hielo del Neogeno y procesos sedimentarios en margenes continentales polares (IPY - NICE STREAMS) CTM2009-06370-E/ANT. 2009-2010. €45,000.00.

Principal Investigator (until 2012) of the project Historia de la deglaciacion del mar de barents norte-occidental en sedimentos marinos de paleo-corrientes de hielo (DEGLABAR). CTM2010-17386 (subprograma ANT), 2010 – 2015. €230,000.00.

Projects funded by the Industry

Research Contract with SINTEFF Civil and Environmental Engineering (Norway) within the project Ormen Lange Verification on Seabed Stability, Activity 7 - Gas Hydrates. 2000-2003. Project funded by Norsk Hydro for the evaluation of the stability of the Norwegian Margin above the Ormen Lange gas field. €36,553.85.

Associate research Contract with the University of Parma for the project Study of the mechanisms of deformation of the Eastern Mediterranean accretionary wedge. Project funded by ENI AGIP Division (Contract AGIP n. 01-7909457/AB 10/11/1998). Contribution to OGS of €10,325.00.

UB- GRC Geociències Marine team member in contract with ENDESA Distribución Eléctrica for seabed characterization between the islands of Mallorca, Ibiza, and Formentera prior to electrical cable deployment (Contract ref. FBG 303242, 2005, €30,000.00).

ANAV - ASOCIACION NUCLEAR ASCÓ-VANDELLÓS II, A.I.E. Realizacion de los ensayos necesarios a realizar para la caracterización de la falla de la Almadrava y de la falla del Camp. Onshore and Offshore. Contact OGS. 2013-2014.