

Angelo Camerlenghi**FULL PUBLICATIONS LIST**

Updated August 2021

PUBLICATIONS IN PEER-REVIEWED INTERNATIONAL SCIENTIFIC JOURNALS

- Rebesco, M., **Camerlenghi, A.**, Munari, V., Mosetti, R., Ford, J., Micallef, A., Facchin, L., 2021. Bottom current-controlled Quaternary sedimentation at the foot of the Malta Escarpment (Ionian Basin, Mediterranean). *Marine Geology*, in press, 441, 106596.
- Andreetto, F., Aloisi, G., Raad, F., Heida, H., Flecker, R., Agiadi, K., Lofi, J., Blondel, S., Bulian, F., **Camerlenghi, A.**, Caruso, A., Ebner, R., Garcia-Castellanos, D., Gaullier, V., Guibourdenche, L., Gvirtzman, Z., Hoyle, T.M., Meijer, P.T., Moneron, J., Sierro, F.J., Travan, G., Tzevahirtzian, A., Vasiliev, I. and Krijgsman, W., 2021. Freshening of the Mediterranean Salt Giant: controversies and certainties around the terminal (Upper Gypsum and Lago-Mare) phases of the Messinian Salinity Crisis, *Earth-Science Reviews*, 216, Article number 103577. <https://doi.org/10.1016/j.earscirev.2021.103577>
- Ford, J., Urgeles, R., **Camerlenghi, A.**, and Gràcia, E., 2021, Seismic Diffraction Imaging to Characterize Mass-Transport Complexes: Examples From the Gulf of Cadiz, South West Iberian Margin, *Journal of Geophysical Research: Solid Earth*, 126, 3. Article number e2020JB021474. <https://doi.org/10.1029/2020JB021474>
- Mencaroni, D., Urgeles, R., **Camerlenghi, A.**, Llopart, J., Ford, J., Sanchez Serra, C., Meservy, W., Gràcia, E., Rebesco, M. and Zitellini, N., 2021. A mixed turbidite – contourite system related to a major submarine canyon: The Marquês de Pombal Drift (south-west Iberian margin), *Sedimentology*, <https://doi.org/10.1111/sed.12844>
- Spatola, D., del Moral-Erencia, J.D., Micallef, A., **Camerlenghi, A.**, Garcia-Castellanos, D., Gupta, S., Bohorquez, P., Gutscher, M., and Bertoni, C. 2020. A single-stage megaflood at the termination of the Messinian salinity crisis: Geophysical and modelling evidence from the eastern Mediterranean Basin, *Marine Geology*, vol. 430. Article number 106337. <https://doi.org/10.1016/j.margeo.2020.106337>
- Petrini, M., Colleoni, F., Kirchner, N., Hughes, A.L.C., **Camerlenghi, A.**, Rebesco, M., Lucchi, R.G., Forte, E., Colucci, R.R., Noormets, R., and Mangerud, J., 2020. Simulated last deglaciation of the Barents Sea Ice Sheet primarily driven by oceanic conditions, *Quaternary Science Reviews*, 238, 106314, <https://doi.org/10.1016/j.quascirev.2020.106314>
- Camerlenghi, A.**, and Aloisi, V., 2020. Uncovering the Mediterranean Salt Giant (MEDSALT) – Scientific Networking as Incubator of Crossdisciplinary Research in Earth Sciences. *European Review*, Academia Europaea, 28(1), pp. 40-61 <https://doi.org/10.1017/S1062798719000255>
- Garcia-Castellanos, D., Micallef, A., Estrada, F., **Camerlenghi, A.**, Ercilla, G., Periañez, R. and Abril, J.M., 2020. The Zanclean megaflood of the Mediterranean – Searching for independent evidence. *Earth-Science Reviews*, Volume 201. February 2020, Article number 103061. <https://doi.org/10.1016/j.earscirev.2019.103061>
- Poort, J., Lucazeau, F., Le Gal, V., Dal Cin, M., Leroux, E., Bouzid, A., Rabineau, M., Palomino, D., Battani, A., Akhmanov, G.G., Ferrante, G.M., Gafurova, D.R., Si Bachir, R., Koptevr, A., Tremblin, M., Bellucci, M., Pellen, R., **Camerlenghi, A.**, Migeon, S., Alonso, B., Ercilla, G., Yelles-Chaouche, A.K. and Khlystov, O.M., 2020. Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the

- transfer zones. *Marine Geology* Volume 419, January 2020, 106064.
<https://doi.org/10.1016/j.margeo.2019.106064>
- Caricchi, C., Sagnotti, L., Campuzano, S.A., Lucchi, R.G., Macrì, P., Rebesco, M. and **Camerlenghi, A.** 2020. A refined age calibrated paleosecular variation and relative paleointensity stack for the NW Barents Sea: Implication for geomagnetic field behavior during the Holocene. *Quaternary Science Reviews*, Volume 229, 1 February 2020, 106133 <https://doi.org/10.1016/j.quascirev.2019.106133>
- Ford, J. and **Camerlenghi, A.**, 2019. Geostatistical characterisation of internal structure of mass-transport deposits from seismic reflection images and borehole logs. *Geophysical Journal International*, <https://doi.org/10.1093/gji/ggz570>
- Cicconi, A., Lupi, C., and **Camerlenghi, A.**, 2019. Effective Teacher's Professional Development: the case of School of Rock in Italy. *Rendiconti Online della Società Geologica Italiana*, 49, 99-106. <https://doi.org/10.3301/ROL.2019.58>
- Camerlenghi, A.**, Del Ben, A., Hübscher, C., Forlin, E., Geletti, R., Brancatelli, G., Micallef, A., Saule, M., Facchin, L., 2019. Seismic markers of the Messinian salinity crisis in the deep Ionian Basin. *Basin Research*. <https://doi.org/10.1111/bre.12392>
- Tommasi, P., Avalle, A., Budillon, F., Romeo, R., Caburlotto, A., Conforti, A., Di Martino, G., Pagliaroli, A., Magagnoli, M., Urgeles, R., Llopart, J., **Camerlenghi, A.**, 2019. Evaluation of disturbance induced on soft offshore sediments by two types of gravity piston coring techniques, *Marine Geology*, 417, art. no. 106005.
<https://doi.org/10.1016/j.margeo.2019.106005>
- Micallef, A., **Camerlenghi, A.**, Georgiopoulou, A., Garcia-Castellanos, D., Gutscher, M.-A., Lo Iacono, C., Huvenne, V.A.I., Mountjoy, J.J., Paull, C.K., Le Bas, T., Spatola, D., Facchin, L., Accettella, D., 2019. Geomorphic evolution of the Malta Escarpment and implications for the Messinian evaporative drawdown in the eastern Mediterranean Sea. *Geomorphology* 327, 264-283, <https://doi.org/10.1016/j.geomorph.2018.11.012>
- Llopart, J., Urgeles, R., Forsberg, C.F., **Camerlenghi, A.**, Vanneste, M., Rebesco, M., Lucchi, R.G., Rüther, D.C., Lantzsch, H., 2019. Fluid flow and pore pressure development throughout the evolution of a trough mouth fan, western Barents Sea. *Basin Research*, accepted December 2018. <https://doi.org/10.1111/bre.12331>
- Sammartini, M., **Camerlenghi, A.**, Budillon, F., Insinga, D.D., Zgur, F., Conforti, A., Iorio, M., Romeo, R., and Tonielli, R., 2019. Open-slope, translational submarine landslide in a tectonically active volcanic continental margin (Licosa submarine landslide, southern Tyrrhenian Sea). *Geological Society, London, Special Publications*, 477, 24 May 2018, <https://doi.org/10.1144/SP477.34>
- Petrini, M., Colleoni, F., Kirchner, N., Hughes, A.L.C., **Camerlenghi, A.**, Rebesco, M., Lucchi, L.G., Forte, E., Colucci, R.R., Noormets, R., 2018. Interplay of grounding-line dynamics and sub-shelf melting during retreat of the Bjørnøyrenna Ice Stream, *Scientific Reports*, 8, 1, 7196. <https://doi.org/10.1038/s41598-018-25664-6>
- Micallef, A., **Camerlenghi, A.**, Garcia-Castellanos, D., Cunarro Oter, D., Gutscher, M.A., Barreca, G., Spatola, D., Facchin, L., Geletti, R., Krastel, S., Gross, F., and Urlaub, M., 2018. Evidence of the Zanclean megaflood in the eastern Mediterranean Basin. *Scientific Reports*, 8:1078. DOI:10.1038/s41598-018-19446-.
<https://doi.org/10.1038/s41598-018-19446-3>
- Keber, M., Ambrosio, L., **Camerlenghi, A.**, Donda, F., Tinivella, U. and Volpi, V. 2017. Deep sea mining: An opportunity for the Italian offshore industry?, Conference Paper, *Offshore Mediterranean Conference and Exhibition 2017, OMC 2017; Ravenna; Italy; 29 March 2017 through 31 March 2017; Code 138196*
- Dal Cin, M., Del Ben, A., Mocnik, A., Accaino, F., Geletti, R., Wardell, N., Zgur, F., **Camerlenghi, A.**, 2016. Seismic imaging of Late Miocene (Messinian) evaporites from

- Western Mediterranean back-arc basins. *Petroleum Geoscience*, 22 (4), pp. 297-308.
DOI: 10.1144/petgeo2015-096. <https://doi.org/10.1144/petgeo2015-096>
- Rebesco, M., **Camerlenghi, A.**, Llopart, J., 2016. Glacigenic debris-flow deposits, Storfjorden Fan. *Geological Society Memoir*, 46(1), pp. 373-374.
<https://doi.org/10.1144/M46.3>
- Camerlenghi, A.**, Rebesco, M., Accettella, D., 2016. Storfjorden Trough-Mouth Fan, Barents Sea margin. *Geological Society Memoir*, 46(1), pp. 371-372.
<https://doi.org/10.1144/M46.33>
- Llopart, J., Urgeles, R., **Camerlenghi, A.**, Lucchi, R.G., Rebesco, M., De Mol, B., 2015. Late Quaternary development of the Storfjorden and Kveithola Trough Mouth Fans, northwestern Barents Sea (Arctic). *Quaternary Science Reviews*, 129, 68-84.
<http://dx.doi.org/10.1016/j.quascirev.2015.10.002>
- Lucchi, R.G., Sagnotti, L., **Camerlenghi, A.**, Macrì, P., Rebesco, M., Pedrosa, M.T., and Giorgetti, G., 2015. Marine sedimentary record of Meltwater Pulse 1a along the NW Barents Sea continental margin. *Arktos*, December 2015, 1-7.
<http://dx.doi.org/10.1007/s41063-015-0008-6>
- Rebesco, M., Laberg, J.S., Pedrosa, M.T., **Camerlenghi, A.**, Lucchi, R.G., Zgur, F., Wardell, N., 2014. Onset and growth of Trough-Mouth Fans on the North-Western Barents Sea margin e implications for the evolution of the Barents Sea/Svalbard Ice Sheet. *Quaternary Science Reviews*, 92, 227-234.
<http://dx.doi.org/10.1016/j.quascirev.2013.08.015>
- Panieri, G., James, R.H., **Camerlenghi, A.**, Westbrook, G.K., Consolaro, C., Cacho, I., Cesari, V., Sanchez Cervera, C., 2014. Record of methane emissions from the West Svalbard continental margin during the last 23.500 yrs revealed by $\delta^{13}\text{C}$ of benthic foraminifera. *Global and Planetary Change*, 122, 151–160.
<http://dx.doi.org/10.1016/j.gloplacha.2014.08.014>
- Ogata, K., Pogačnik, Ž., Pini, G.A., Tunis, G., Festa, A., **Camerlenghi, A.**, Rebesco M., 2014. The carbonate mass transport deposits of the Paleogene Friuli Basin (Italy/Slovenia): internal anatomy and inferred genetic processes. *Marine Geology*, 356, 88–110. <http://dx.doi.org/10.1016/j.margeo.2014.06.014>
- Papadopoulos, G.A., Gràcia, E., Urgeles, R., Sallares, V., De Martini, P.M., Pantosti, D., González, M., Yalciner, A.C., Mascle, J., Sakellariou, D., Salamon, A., Tinti, S., Karastathis, V., Fokaefs, A., **Camerlenghi, A.**, Novikova, T., Papageorgiou, A., 2014. Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts. *Marine Geology*, 354, 81-109. <http://dx.doi.org/10.1016/j.margeo.2014.04.014>
- Cameselle, A.L., Urgeles, R., De Mol, B., **Camerlenghi, A.**, Canning, J.C., 2014. Late Miocene sedimentary architecture of the Ebro Continental Margin (Western Mediterranean): Implications to the Messinian Salinity Crisis. *International Journal of Earth Sciences*, 103(2), 423-440. doi: 10.1007/s00531-013-0966-5
- Panieri, G., Aharon, P., Sen Gupta, B.K., **Camerlenghi, A.**, Ferrer, F.P., Cacho, I., 2014. Late Holocene foraminifera of blake ridge diapir: Assemblage variation and stable-isotope record in gas-hydrate bearing sediments. *Marine Geology*, 353, 99-107.
<http://dx.doi.org/10.1016/j.margeo.2014.03.020>
- Roveri, M., Flecker, R., Krijgsman, W., Lofi, J., Lugli, S., Manzi, V., Sierro, F.J., Bertini, A., **Camerlenghi, A.**, De Lange, G., Govers, R., Hilgen, F.J., Hübscher, C., Meijer, P.T.,

- Stoica, M., 2014. The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. *Marine Geology*, 352, 25-58. Doi: <http://dx.doi.org/10.1016/j.margeo.2014.02.002>
- Urgeles, R. and **Camerlenghi, A.**, 2013. Submarine landslides of the Mediterranean Sea: Triggermechanisms, dynamics, and frequency-magnitude distribution. *Journal of Geophysical Research: Earth Surface*, 118, 1–19, doi: <http://dx.doi.org/10.1002/2013JF002720>, 2013
- Lucchi, R.G., **Camerlenghi, A.**, Rebesco, M., Urgeles, R., Sagnotti, L., Macrì, P., Colmenero-Hidalgo, E., Sierro, F.J., Melis, R., Barcena, M.A., Giorgetti, G., Villa, G., Persico, D., Flores, J.A., Pedrosa, M.T., and Caburlotto, A., 2013. Postglacial sedimentary processes on the Storfjorden and Kveithola TMFs: Impact of extreme glacial marine sedimentation. *Global and Planetary Change*, 111, 309-326. Doi: <http://dx.doi.org/10.1016/j.gloplacha.2013.10.008>,
- Rebesco, M., Laberg, J.S., Pedrosa, M.T., **Camerlenghi, A.**, Lucchi, R.G., Zgur, F., Wardell, N., 2013. Onset and growth of Trough-Mouth Fans on the North-Western Barents Sea margin: a stack of extreme events. *Quaternary Science Reviews*, 92, 2014, 227-234. doi: <http://dx.doi.org/10.1016/j.quascirev.2013.08.015>
- Polonia A., Bonatti E., **Camerlenghi A.**, Lucchi R., Panieri G. and Gasperini L., 2013. Mediterranean megaturbidite triggered by the ad 365 Cretan earthquake and tsunami. *Nature Scientific Reports*, 3, 1285. doi: <http://dx.doi.org/10.1038/srep01285>.
- Jakobsson, M., Mayer, L., Coakley, B., Dowdeswell, J.D., Forbes, S., Fridman, B., Hodnesdal, H., Noormets, R., Pedersen, R., Rebesco M., Schenke, H.W., Zarayskaya, Y., Accettella, D., Armstrong, A., Anderson, R.M., Bienhoff, P., **Camerlenghi, A.**, Church, I., Edwards, M., Gardner, J.V., Hall, J.K., Hell, B., Hestvik, O., Kristoffersen, Y., Marcussen, C., Mohammad, R., Mosher, D., Nghiem, S.V., Travaglini, P.G., Weatherall, P., 2012. The International Bathymetric Chart of the Arctic Ocean (1 IBCAO) Version 3.0. *Geophysical Research Letters*, 39, L12609, 6pp., [doi:10.1029/2012GL052219](http://dx.doi.org/10.1029/2012GL052219).
- Berndt, C., Costa, S., Canals, M., **Camerlenghi, A.**, de Mol, B., Saunders, M., 2012. Repeated slope failure linked to fluid migration: the Ana submarine landslide complex, Eivissa Channel, Western Mediterranean Sea. *Earth and Planetary Science Letters*, 319–320, 65–74. [doi.org/10.1016/j.epsl.2011.11.045](http://dx.doi.org/10.1016/j.epsl.2011.11.045),
- Panieri, G., **Camerlenghi, A.**, Cacho, I., Sánchez Cervera, C., Canals, M., Lafuerza, S., Herrera, G., 2012. Tracing seafloor methane emissions with benthic foraminifera: Results from the Ana submarine landslide (Eivissa Channel, Western Mediterranean Sea). *Marine Geology*, 291-294 (2012) 97–112. [doi:10.1016/j.margeo.2011.11.005](http://dx.doi.org/10.1016/j.margeo.2011.11.005)
- Sagnotti, L., Macrì, P., Lucchi, R.G., Rebesco, M., and **Camerlenghi, A.**, 2011. A Holocene paleosecular variation record from the north-western Barents Sea continental margin. *Geochemistry, Geophysics, Geosystems*, 12(11), Q11Z33, [doi:10.1029/2011GC003810](http://dx.doi.org/10.1029/2011GC003810).
- Pedrosa, M., **Camerlenghi, A.**, De Mol, B. Urgeles, R., Rebesco, M., Lucchi, R.G. and shipboard participants of the SVAIS and EGLACOM Cruises, 2011. Seabed Morphology and Shallow Sedimentary Structure of the Storfjorden and Kveithola Trough-Mouth Fans (north west Barents Sea). *Marine Geology*, 286(1-4), 65-81. [doi:10.1016/j.margeo.2011.05.009](http://dx.doi.org/10.1016/j.margeo.2011.05.009)
- Rebesco, M., Liu, Y., **Camerlenghi, A.**, Winsborrow, M., Laberg, J.-S., Caburlotto, A.,

- Diviacco, P., Accettella, D., Sauli, C., Wardell, N., and Tomini, I., 2011. Deglaciation of the Barents Sea Ice Sheet - a swath bathymetric and sub-bottom seismic study from the Kveithola Trough. *Marine Geology*, 279, 141–147 [doi:10.1016/j.margeo.2010.10.018](https://doi.org/10.1016/j.margeo.2010.10.018)
- Urgeles, R., **Camerlenghi, A.**, García-Castellanos, D., De Mol, B., Garcés, M., Verges, J., Haslam, I., Hardman, M., 2010. New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean. *Basin Research*, [doi/10.1111/j.1365-2117.2010.00477.x](https://doi.org/10.1111/j.1365-2117.2010.00477.x)
- Hieke, W., **Camerlenghi, A.**, Cita, M.B., Dehghani, G.A., Fusi, N., Hirscheleber, H.B. Mirabile, L., Müller, C., Polonia, A., 2009. Bannock Basin, Sirte Abyssal Plain and Conrad Spur: structural relationships between Mediterranean Ridge and its western foreland and implications on the character of the accretionary complex (eastern Mediterranean). *Mar. Geophys. Res.*, 30,161–192.
- Madrussani, G., Rossi, G., and **Camerlenghi, A.**, 2009. Gas hydrates, free gas distribution and fault pattern on the west Svalbard continental margin. *Geophys. J. Int.*, Published online Nov 2009, doi: 10.1111/j.1365-246X.2009.04425.x
- Panieri, G., **Camerlenghi, A.**, Conti, S., Pini, G.A., and Cacho, I., 2009. Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 284, 271–282. <https://doi.org/10.1016/j.palaeo.2009.10.006>
- Camerlenghi, A.**, and Pini, G.A., 2009. Mud volcanoes, olistostromes, and argille scagliose in the Mediterranean Region. In: J.A. McKenzie, D. Bernoulli, M.B. Cita (Eds.), *Major Discoveries in Sedimentary Geology in the Mediterranean Realm from a Historical Perspective to New Developments*. *Sedimentology*, 56, 319–365 doi: 10.1111/j.1365-3091.2008.01016.x
- Morgan, J., Silver, E., **Camerlenghi, A.**, Dugan, B., Kirby, S., Shipp, C., and Suyehiro, K., 2009. Addressing Geohazards Through Ocean Drilling. *Scientific Drilling*, 7, 25-30. doi:10.2204/iodp.sd.7.01.2009
- Hillenbrand, C.-D., **Camerlenghi, A.**, Cowan, E.A., Hernández-Molina, F.J., Lucchi, R.G., Rebesco, M., Uenzelmann-Neben, G., 2008. The present and past bottom-current flow regime around the sediment drifts on the continental rise west of the Antarctic Peninsula. *Marine Geology* 255 (1-2), 55-63
- Westbrook, G.K., Chand, S., Rossi, G., Long, C., Bünz, S., **Camerlenghi, A.**, Carcione, J.M., Dean, S. Foucher, J-P, Flueh, E., Gei, D., Haacke, R.R., Madrussani, G., Mienert, J., Minshull, T.A., Nouzé, H., Peacock, S., Reston, T.J., Vannestee, M. and M. Zillmer, 2008. Estimation of gas-hydrate concentration from multi-component seismic data at sites on the continental margins of NW Svalbard and the Storegga region of Norway. *Mar. Petr. Geol.*, 25, 774-758.
- Camerlenghi, A.**, Accettella, D., Costa, S., Lastras, G., Acosta, J., Canals, M., and Wardell, N., 2008. Morphogenesis of the SW Balearic continental slope and adjacent abyssal plain, Western Mediterranean Sea. *Int. J. Earth Sci.* doi 10.1007/s00531-008-0354-8
- Neagu, R.C., Tinivella, U., Volpi, V., Rebesco, M., **Camerlenghi, A.**, 2008. Estimation of biogenic silica contents in marine sediments using seismic and well log data: Sediment Drift 7, Antarctica. *Int. J. Earth Sci.* doi 10.1007/s00531-008-0315-2

- Rebesco, M., and **Camerlenghi, A.** 2008. Late Pliocene margin development and mega debris flow deposits on the Antarctic continental margin: evidence of the onset of the modern Antarctic Ice Sheet? *Palaeogeography, Palaeoclimatology, Palaeoecology*, 260, 149–167.
- Urgeles, R., **Camerlenghi, A.**, Ercilla, G., Anselmetti, F., Brückmann, W., Canals, M., Gràcia, E., Locat, J., Krastel, S., and Solheim, A., 2007. Scientific ocean drilling behind the assessment of geo-hazards from submarine slides (Meetings Section). *EOS, Transactions, American Geophysical Union*, 88(17), p. 192.
- Rebesco, M., **Camerlenghi, A.**, Volpi, V., Neagu, C., Accettella, D., Lindberg, B., Cova, A., Zgur, F., and the MAGICO Party, 2007. Interaction of processes and importance of contourites: insights from the detailed morphology of sediment drift 7, Antarctica. In: A.R. Viana and M. Rebesco (Eds.) *Economic and Palaeoceanographic Significance of Contourite Deposits*. Geol. Soc. London Special Publications, 276:95-110.
- Camerlenghi, A.**, Urgeles, R., Ercilla, and Bruckmann, W., 2007. Workshop Report: Scientific Ocean drilling behind the assessment of geo-hazards from submarine slides. *Scientific Drilling*, 4, 45-47. doi:10.2204/iodp.sd.4.14.2007.
- Ben-Avraham, Z., Woodside, J., Lodolo, E., Gardosh, M., Grasso, M., **Camerlenghi, A.**, and Vai, G.B., 2006. Eastern Mediterranean Basin Systems. In: D.G.Gee and R.A. Stephenson (Eds.) *European Lithosphere Dynamics*. *Geol. Soc. Memoirs*, 32:236-276.
- Caburlotto, A., De Santis, L., Zanolla, C. **Camerlenghi, A.**, and Dix J.K., 2006. New insights into Quaternary Glacial Dynamic Changes on the George V Land Continental Margin (East Antarctica). *Quaternary Science Review*, 25:3029-2049.
- Diviacco, P., Rebesco, M., and **Camerlenghi, A.**, 2006. Late Pliocene mega debris flow deposit and related fluid escapes identified on the Antarctic Peninsula continental margin by seismic reflection data analysis. *Marine Geophysical Researches*, 27:109-128.
- Amblas, D., Urgeles, R., Canals, M., Calafat, A.M., Rebesco, M., **Camerlenghi, A.**, Estrada, F., De Batist, M., and Hughes-Clarke, J.E., 2006. Continental shelf glacial troughs and continental rise development off the North Antarctic Peninsula. *Quaternary Science Review*, 25:933–944.
- Domack, E. Amblas, D., Gilbert, R., Brachfeld, S., **Camerlenghi, A.**, Rebesco, M., Canals, M., and Urgeles, R., 2006. Subglacial morphology and glacial evolution of the Palmer Deep outlet system, Antarctic Peninsula. *Geomorphology*, 75:125-142.
- Rebesco, M., **Camerlenghi, A.**, Geletti, R., and Canals, M., 2006. Onset of the modern Antarctic Ice Sheet about 3 Myr ago revealed by margin architecture. *Geology*, 34(4):301-304.
- Costa, E., **Camerlenghi, A.**, Polonia, A., Cooper, C. Fabretti, P., Mosconi, A., Murelli, P., Romanelli, M., Sormani, L., and Wardell, N., 2004. Modeling deformation and salt tectonics in the Eastern Mediterranean Ridge accretionary wedge. *Bulletin of the Geological Society of America*, 116(7-8):880-894. <https://doi.org/10.1130/B25309.1>
- Volpi, V., **Camerlenghi, A.**, Hillenbrand, C.-D., Rebesco, M., and Ivaldi, R., 2003. The effect of biogenic silica on sediment consolidation and slope instability, Pacific margin of the Antarctic Peninsula. *Basin Research*, 15(3):339-354.

- Giorgetti, A., Crise, A., Laterza, R., Perini, L., Rebesco, M., and **Camerlenghi, A.**, 2003. Water masses and bottom boundary layer dynamics above a sediment drift of the Antarctic Peninsula Pacific margin. *Antarctic Science*, 15(4):537-546.
- Gilbert, R., Domack, E. and **Camerlenghi, A.**, 2003. Deglacial history of the Greenpeace trough: Ice sheet to ice shelf transition in the Northwesterb Weddell Sea. In, E. Domack, A. Leventer, A. Burnett, R. Bindschadler, P. Convey, and M. Kirby (Eds.), *Antarctic Peninsula Climate Variability*, AGU Antarctic Research Series, Washington D.C., 79:195-204.
- Della Vedova, B., Pellis, G., **Camerlenghi, A.**, Foucher, J.P., and Harmegnies, F., 2003. The thermal history of deep sea sediments as a record of recent changes in the deep circulation of the eastern Mediterranean. *Journal of Geophysical Research*, 108(C9):8110-8135.
- Brachfeld, S. Domack, E., Kissel, C., Laj, C., Leventer, A., Ishman, S., Gilbert, R., and **Camerlenghi, A.**, 2003. Geomagnetic Paleointensity Dating of Holocene Antarctic Shelf Sediment From Beneath the Former Larsen-A Ice Shelf. *Geology*, 31(9):749-752.
- COHIMAR/SEDANO Scientific Party (Canals, M., Calafat, A., **Camerlenghi, A.**, De Batist, M., Urgeles, R., Farran, M., Geletti, R., Versteeg, W., Amblas, D., Rebesco, M., Casamor, J.L., Sanchez, A., Willmott, V., Lastras, G., and Imbo, Y), 2003. Uncovering the footprint of former ice streams off Antarctica. *EOS, Transactions, American Geophysical Union*, 84(11):97, 102–103.
- Rebesco M., Pudsey C., Canals M., **Camerlenghi A.**, Barker P., Estrada F., and Giorgetti A., 2002. Sediment Drift and Deep-Sea Channel Systems, Antarctic Peninsula Pacific Margin. In Stow D. A. V., Pudsey C. J., Howe J.A, Faugeres J. C. and Viana A.R., (Eds.), *Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics*. Geological Society, London Memoirs, 22:353-371.
- Tinivella, U., Accaino, F., and **Camerlenghi, A.**, 2002. Gas hydrate and free gas distribution from inversion of seismic data on the South Shetland margin (Antarctica). *Marine Geophysical Researches*, 23(2):109-123.
- Barker, P.F., **Camerlenghi, A.**, and the ODP Leg 178 Shipboard Scientific Party, 2002. Antarctic Glacial history, step 1: the continental margin drilled by ODP Leg 178. In Gamble, J.A.; Skinner, D.N.B; Henrys, S. & Lynch, R. (Eds.) *Antarctica at the close of a Millenium*, Proceedings Volume 8th International Symposium on Antarctic Earth Sciences. *Royal Society of New Zealand Bulletin*, 35:337-344.
- Camerlenghi, A.**, Rebesco, M., De Santis, L., Volpi, V., and De Rossi, A., 2002. The Antarctic Peninsula Pacific Margin: Modelling flexure and decompaction with constraints from ODP Leg 178 initial results. In Gamble, J.A.; Skinner, D.N.B; Henrys, S. & Lynch, R. (Eds.) *Antarctica at the close of a Millennium*, Proceedings Volume 8th International Symposium on Antarctic Earth Sciences. *Royal Society of New Zealand Bulletin*, 35:261-267.
- Lucchi, R.G., Rebesco, M., **Camerlenghi, A.**, Busetti, M., Tomadin, L. Villa, G., Persico, D., Morigi, C., Bonci, M.B., and Giorgetti, G., 2002. Mid-Late Pleistocene glacialmarine sedimentary processes of a high-latitude, deep-sea sediment drift (Antarctic Peninsula pacific Margin). *Marine Geology*, 189:343-370.

- Polonia, A., **Camerlenghi, A.**, Davey, F., and Storti, F., 2002. Accretion, structural style and syn-contractual sedimentation in the Eastern Mediterranean Sea. *Marine Geology*, 186:127-144.
- Lodolo, E., **Camerlenghi, A.**, Madrussani, G., Tinivella U., and Rossi, G., 2002. Assessment of gas hydrate and free gas distribution on the South Shetland margin (Antarctica) based on multichannel seismic reflection data. *Geophysical Journal International*, 148(1):103-119.
- Camerlenghi, A.**, Domack, E., Rebesco, M., Gilbert, R., Ishman, S., Leventer, A., Brachfeld, S., and Drake, A. 2001. Glacial morphology and post-glacial contourites in northern Prince Gustav Channell (NW Weddell Sea, Antarctica). *Marine Geophysical Researches*, 22(5-6), 417-443.
- Sagnotti, L., Macri', P., **Camerlenghi, A.**, and Rebesco, M., 2001. Environmental magnetism of Antarctic Late Pleistocene sediments and interhemispheric correlation of climatic events. *Earth and Planetary Sciences Letters*, 192:65-80.
- Domack, E., Leventer, A., Gilbert, R., Brachfeld, S., Ishman, S., **Camerlenghi, A.**, Gavahan, C., Carlson, D., and Barkoukis, A., 2001. Cruise reveals history of Holocene Larsen ice shelf. *EOS, Transactions, American Geophysical Union*, 82(2):13-17.
- Camerlenghi A.**, Costa E., Polonia A., Cooper C., Fabretti P., Mosconi A., Murelli P., Romanelli M., Sormani L., and Wardell N., 2000. New insights on the mechanisms of deformation of the Eastern Mediterranean Ridge. Proceedings of the EAEG Conference on Petroleum Geology of the Mediterranean and circum-Mediterranean Basins, Malta, 1-4 October 2000, D2.
- Barker, P.F., Barrett, P.J., **Camerlenghi, A.**, Cooper, A.K., Davey, F.J., Domack, E.W., Escutia, C., Kristoffersen, Y., O'Brien, P.E., 1998. Ice sheet history from Antarctic Continental margin sediments: the ANTOSTRAT approach. *Terra Antarctica*, 5(4), 737-760.
- Rebesco, M., **Camerlenghi, A.**, and Zanolla, C., 1998. Bathymetry and morphogenesis of the continental margin West of the Antarctic Peninsula. *Terra Antarctica*, 5(4), 715-725.
- Rebesco, M., **Camerlenghi, A.**, DeSantis, L., Domack, E.W., and Kirby, M.E., 1998. Seismic stratigraphy of Palmer Deep: a fault bounded Late Quaternary sediment trap on inner continental shelf, Antarctic Peninsula Pacific Margin. *Marine Geology*, 151:89-110.
- Pudsey, C.J. and **Camerlenghi, A.**, 1998. Glacial-interglacial deposition on a sediment drift on the Pacific margin of the Antarctic Peninsula. *Antarctic Sciences*, 10(3):286-308.
- Tinivella, U., Lodolo, E., **Camerlenghi, A.**, and Boehm, G., 1998. Seismic tomography study of a bottom simulating reflector off the South Shetland Islands (Antarctica). In Henriot, J.-P., and Mienert, J., (Eds.) *Gas Hydrates: Relevance to World Margin Stability and Climate Change*. Geol. Soc. London, Special Publ., 137:141-151.
- Rebesco M. and **Camerlenghi A.**, 1997. Sediment Drifts on the Continental Rise of the Antarctic Peninsula. In T.A. Davies, T. Bell, Cooper A.K., Josenhans H., Polyak L., Solheim A., Stoker A.M.S., and Stravers J.A. (Eds.), *Glaciated Continental Margins. An Atlas of Acoustic Images*. Chapman & Hall, London, 294-297.
- Rebesco, M., Larter, R.D., Barker, P.F., **Camerlenghi, A.**, and Vanneste, L.E., 1997. The history of sedimentation on the continental rise west of the Antarctic Peninsula. In

- Cooper, A.K., Barker, P.F. (Eds.) *Geology and Seismic Stratigraphy of the Antarctic Margin 2*, Antarctic Research Series, American Geophysical Union, Washington D.C., 71:29-50.
- Camerlenghi, A.**, Crise, A., Pudsey, C.J., Accerboni, E., Laterza, R., and Rebesco, M. 1997. Ten-month observation of the bottom current regime across a sediment drift of the Pacific margin of the Antarctic Peninsula. *Antarctic Sciences*, 9(4):424-431.
- Rebesco, M., Larter, R.D., **Camerlenghi, A.**, and Barker, P.F., 1996. Giant sediment drifts on the continental rise west of the Antarctic Peninsula. *Geo-Marine Letters*, 16, 65-75.
- Cita, M.B., **Camerlenghi, A.**, Rimoldi, B., 1996. Deep sea tsunami deposits in the Eastern Mediterranean: New evidence and depositional models. *Sedimentary Geology*, 104:155-173.
- Kim, Y., Kim, H.-S., Larter, R.D., **Camerlenghi, A.**, Gamboa, L.A.P., and Rudowski, S., 1995. Tectonic deformation in the upper crust and sediments at the South Shetland Trench. In Cooper, A.K., Barker, P.F., and Brancolini, G. (Eds.), *Geology and Seismic Stratigraphy of the Antarctic Margin*, Antarctic Research Series, American Geophysical Union, Washington D.C., 68:157-166.
- MEDRIF Consortium (Westbrook, G.K., Woollett, R.F., LePichon, X., Lallement, S., Chamot-Rooke, N., Foucher, J.-P., Harmegnies, F., Suess, E., Bleyer, A., Pavlakis, P., Alexandri, M., Cita, M.B., Fusi, N., Aloisi, G., **Camerlenghi, A.**, Polonia, A., Della Vedova, B., Pellis, G., Mirabile, L., Severino, V., Buonocore, B.), 1995. Three brine lakes discovered in the seafloor of the Eastern Mediterranean. *EOS, Transactions, American Geophysical Union*, 76(33):313-318.
- Camerlenghi, A.**, Cita, M.B., Della Vedova, B., Fusi, N. Mirabile, L., and Pellis, G., 1995. Geophysical evidence of mud diapirism on the Mediterranean Ridge accretionary complex. *Marine Geophysical Researches*, 17(2):115-141.
- Lodolo, E., **Camerlenghi, A.**, and Brancolini, G., 1993. A bottom Simulating reflector on the South Shetland margin, Antarctic Peninsula. *Antarctic Science*, 5(2):201-210.
- ODP Leg 146 Scientific Party, 1993. ODP Leg 146 Examines Fluid Flow in Cascadia Margin, *EOS, Transactions, American Geophysical Union*, 74(31):345-347.
- Camerlenghi, A.**, Cita, M.B., Hieke, W., and Ricchiuto, T., 1992. Geological evidence of mud diapirism on the Mediterranean Ridge accretionary complex. *Earth and Planetary Science Letters*, 109:493-506.
- Emeis, K.C., **Camerlenghi, A.**, McKenzie, J.A., Rio, D., and Sprovieri, R., 1991. The occurrence and significance of Pleistocene and Upper Pliocene sapropels in the Tyrrhenian Sea. *Marine Geology*, 100:155-182.
- Camerlenghi, A.**, and McCoy, F.W., 1990. Physiography and structure of Bacino Bannock (Eastern Mediterranean). *Geo-Marine Letters*, 10:23-30.
- Camerlenghi, A.**, 1990. Anoxic basins of the Eastern Mediterranean: Geological framework. *Marine Chemistry*, 31:1-19.
- Camerlenghi, A.**, and Cita, M.B., 1987. Setting and tectonic evolution of some Eastern Mediterranean deep-sea basins. *Marine Geology*, 75:31-56.
- Scientific Staff of Cruise Bannock 1984-12. (Cita, M.B., **Camerlenghi, A.**, Corselli, C., Erba, E., Gianbastiani, M., Herbert, T., Kastens, K.A., Leoni, C., Malinverno, P.,

- Nosetto, A. and Parisi, E.), 1985. Gypsum precipitation from cold brines in an anoxic basin in the Eastern Mediterranean. *Nature*, 314(6007):152-154.
- Cita, M.B., Beghi, C., **Camerlenghi, A.**, Kastens, K.A., McCoy, F.W., Nosetto, A., Parisi, E., Scolari, F., and Tomadin, L., 1984. Turbidites and megaturbidites from the Herodotus abyssal plain (Eastern Mediterranean) unrelated to seismic events. *Marine Geology*, 55:79-101.
- Cita, M.B., **Camerlenghi, A.**, Kastens, K.A., and McCoy, F.W., 1984. New findings of Bronze Age homogenites in the Ionian Sea: Geodynamic implications for the Eastern Mediterranean. *Marine Geology*, 55:47-62.
- Clauzon, G., Cita, M.B., Bossio, A., Broglia, C., **Camerlenghi, A.**, Catrullo, D., Colombo, A., Croce, M., Gianbastiani, M., Malinverno, A., and Parisi, E., 1983. Netectonique des fondes sous-marins de la Dorsale Mediterranee en mer Ionienne a cours du Pleistocene moyen et superieur. *Mediterranee*, 2:51-63.

PUBLICATIONS IN BOOKS

- Camerlenghi, A.**, 2018. Drivers of Seafloor Geomorphic Change. *In*: Micallef, A., Krastel, S., Savini, A. (Eds.), *Submarine Geomorphology*. Springer Geology, Springer, pp. 135-159.
- Llopart, J., Urgeles, U., **Camerlenghi, A.**, Lucchi, R.G., DeMol, B., Rebesco, M., Pedrosa, M.T., 2014. Slope stability of glaciated continental margins: Constraints from permeability-compressibility tests and hydrogeological modeling off Storfjorden, NW Barents Sea. *In*: Krastel, S., Behrmann, J.H., Völker, D., Stipp, M., Berndt, C., Urgeles, R., Chaytor, J., Huhn, K., Strasser, M., Harbitz, C.B. (Eds.) *Submarine Mass Movements and Their Consequences, Advances in Natural and Technological Hazards Research*, 37, 95-104. DOI 10.1007/978-3-319-00972-8_9. Springer Int. Publ.
- Lucchi, R.G., Pedrosa, M.T., **Camerlenghi, A.**, Urgeles, R., De Mol, B., Rebesco, M., 2012. Recent submarine landslides on the continental slope of Storfjorden and Kveithola Trough-Mouth Fans (north west Barents Sea). *In*: Yamada, Y., Kawamura, K., Ikehara, K., Ogawa, Y., Urgeles, R., Mosher, D., Chaytor, J. and Strasser, M., (Eds.) *Submarine Mass Movement and Their Consequences, Advances in Natural and Technological Hazards Research*, 31, Springer, Dordrecht (The Netherlands), pp. 735-745, [doi 10.1007/978-94-007-2162-3_65](https://doi.org/10.1007/978-94-007-2162-3_65).
- Rebesco, M., Pedrosa, M.T., **Camerlenghi, A.**, Lucchi, R.G., Sauli, C., De Mol, B., Madrussani, G., Urgeles, R., Rossi, G., Böhm, G., 2012. One million years of climatic generated landslide events on the northwestern Barents Sea continental margin. *In*: Yamada, Y., Kawamura, K., Ikehara, K., Ogawa, Y., Urgeles, R., Mosher, D., Chaytor, J. and Strasser, M., (Eds.) *Submarine Mass Movement and Their Consequences, Advances in Natural and Technological Hazards Research*, 31, Springer, Dordrecht (The Netherlands), 747-756, [doi 10.1007/978-94-007-2162-3_66](https://doi.org/10.1007/978-94-007-2162-3_66).
- Pini, G.A., Ogata, K., **Camerlenghi, A.**, Festa, A., Lucente, C.C., and Codegone, G., 2012. Sedimentary mélanges and fossil mass-transport complexes: a key for better understanding submarine mass movements? *In* Yamada, Y., Kawamura, K., Ikehara, K., Ogawa, Y., Urgeles, R., Mosher, D., Chaytor, J. and Strasser, M., (Eds.) *Submarine Mass Movement and Their Consequences, Advances in Natural and Technological*

Hazards Research, 31, Springer, Dordrecht (The Netherlands), 585-594. [doi 10.1007/978-94-007-2162-3_52](https://doi.org/10.1007/978-94-007-2162-3_52).

Volpi, V., Amblas D., **Camerlenghi, A.**, Canals, M., Rebesco, M., and Urgeles, R., 2011. Late Neogene to Recent seafloor instability on the deep Pacific margin of the Antarctic Peninsula. In: C. Shipp, P. Weimer, H. Posamentier (Eds.), *Mass-Transport Deposits in Deepwater Settings*, SEPM Special Publication, 96, Tulsa, Oklahoma, USA, 161-180.

Camerlenghi, A., Urgeles, R., and Fantoni, L., 2009. A database on submarine landslides of the Mediterranean Sea. In: Mosher, DC., Shipp, C., Moscardelli, L., Chaytor, J., Baxter, C., Lee, H., and Urgeles, R. (Eds.) *Submarine Mass Movements and Their Consequences*. Advances in Natural and Technological Hazards Research, Springer, 28:491-501.

Rebesco, M., and **Camerlenghi, A.**, (Eds.), 2008. *Contourites*. Development in Sedimentology Series, 60, Elsevier, Amsterdam, 688 pp.

Rebesco, M., **Camerlenghi, A.**, Van Loon, A.J., 2008. Contourite Research. A Field in Full Development. In: M. Rebesco and A. Camerlenghi (Eds.), *Contourites*. Development in Sedimentology Series, 60, Elsevier, pp. 3-10.

Laberg, J.S., and **Camerlenghi, A.**, 2008. Significance of contourites for submarine slope stability. In: M. Rebesco and A. Camerlenghi (Eds.), *Contourites*. Development in Sedimentology Series, Elsevier, 60, pp. 537-556.

Camerlenghi, A., and Panieri, G., 2007. Capitolo 6. DIFFUSIONE IN NATURA. In: C. Giavarini, *Gli idrati Idrati del Metano. Energia immensa e sfida ambientale*. Ed. La Sapienza, Roma, Italy, pp. 89-126. (in Italian).

Camerlenghi, A., and Panieri, G., 2007. Capitolo 10. ASPETTI AMBIENTALI. In: C. Giavarini, *Gli idrati Idrati del Metano. Energia immensa e sfida ambientale*. Ed. La Sapienza, Roma, Italy, pp. 177-192. (in Italian).

Lodolo, E. and **Camerlenghi, A.**, 2000. The occurrence of BSRs on the Antarctic margin. In M.D. Max, (Ed.) *Natural Gas Hydrate in Oceanic and Permafrost Environments*. Kluwer Academic Publ., Dordrecht, 199-213.

PUBLICATIONS IN THE PROCEEDINGS OF THE OCEAN DRILLING PROGRAM AND IN SCIENTIFIC DRILLING

Barker, P.F., and **Camerlenghi, A.**, 2002. Synthesis of Leg 178 results: glacial history of the Antarctic Peninsula from Pacific margin sediments. In Barker, P.F., Camerlenghi, A., Acton, G.D., and Ramsay, A.T.S. (Eds.), Proc. ODP, Sci. Results, 178 [Online]. Available from World Wide Web: <http://www-odp.tamu.edu/publications/178_SR/VOLUME/SYNTH/SYNTH.PDF>. [Cited YYYY-MM-DD]

Di Vincenzo, G., Caburlotto, A., and **Camerlenghi, A.**, 2001. ^{40}Ar - ^{39}Ar investigation of volcanic clasts in glaciogenic sediments at Sites 1097 and 1103 (ODP Leg 178, Antarctic Peninsula). In Barker, P.F., **Camerlenghi, A.**, Acton, G.D., and Ramsay, A.T.S. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, 178 [Online]. Available from World Wide Web: <http://www-odp.tamu.edu/publications/178_SR/chap_22/chap_22.htm>.

- Volpi, V., **Camerlenghi, A.**, Moerz, T., Corubolo, P., Rebesco, M., and Tinivella, U., 2001. Data report: Physical properties relevant to seismic stratigraphic studies, continental rise Sites 1095, 1096, and 1101, ODP Leg 178, Antarctic Peninsula. In Barker, P.F., **Camerlenghi, A.**, Acton, G.D., and Ramsay, A.T.S. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, 178 [Online]. Available from World Wide Web: <http://www-odp.tamu.edu/publications/178_SR/chap_17/chap_17.htm>.
- Tinivella, U., **Camerlenghi, A.**, and Rebesco, M., 2001. Data report: Seismic velocity analysis on the continental shelf transect, ODP Leg 178, Antarctic Peninsula. In Barker, P.F., **Camerlenghi, A.**, Acton, G.D., and Ramsay, A.T.S. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, 178 [Online]. Available from World Wide Web: <http://www-odp.tamu.edu/publications/178_SR/chap_16/chap_16.htm>.
- Barker, P.F. and **Camerlenghi, A.**, 1999. An approach to Antarctic glacial history: the aims of Leg 178. In Barker, P.F., **Camerlenghi, A.**, Acton, G.D. et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 178, 1-44 [CD-ROM]. Available from: Ocean Drilling Program, Texas A&M University, College Station, TX 77845-9547, U.S.A.
- Barker, P.F., **Camerlenghi, A.**, Acton, G.D. et al., 1999. *Proceedings of the Ocean Drilling Program, Initial Reports*, 178, [CD-ROM]. Available from: Ocean Drilling Program, Texas A&M University, College Station, TX 77845-9547, U.S.A.
- Kopf, A., Clennell, B.M., and **Camerlenghi, A.**, 1998. Variations of sediment physical properties and permeability of mud volcano deposits from Napoli dome and adjacent mud volcanoes. In Robertson, A.H.F., Emeis, K.-C., and Richter, C. and **Camerlenghi, A.** (Eds.) *Proceedings of the Ocean Drilling Program, Scientific Results*, 160:, College Station, TX (Ocean Drilling Program):625-644.
- Kastner M., Kvenvolden K.A., Whiticar M.J., **Camerlenghi, A.**, and Lorenson T.D., 1995. Relationship between pore fluid chemistry and gas hydrates associated with bottom-simulating reflectors at the Cascadia Margin, Sites 889 and 892. In Carson B., Westbrook G.K., Musgrave R.J, and Suess E. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, 146:, College Station, TX (Ocean Drilling Program)(Pt. 1):175-187.
- Camerlenghi, A.**, Lucchi R.G., and Rothwell R.G., 1995. Grain-size analysis and distribution in Cascadia Margin sediments, northern Pacific. In Carson B., Westbrook G.K., Musgrave R.J, and Suess E. (Eds.), *Proceedings of the Ocean Drilling Program, Scientific Results*, 146: College Station, TX (Ocean Drilling Program) (Pt. 1):3-31.
- Shipboard Scientific Party, 1994. Sites 888, 890, 891, 892. In Westbrook, G.K., Carson, B., Musgrave, R.J. et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 146 (Pt. 1): College Station, TX (Ocean Drilling Program), 55-125.
- Von Breyman, M.T., Emeis, K.C., and **Camerlenghi, A.**, 1990. Geochemistry of sediments from the Peru upwelling area: Results from Sites 680, 682, 685, and 688. In Suess, E., von Huene, R., et al., *Proceedings of the Ocean Drilling Program, Scientific Results*, 112: College Station, TX (Ocean Drilling Program), 491-504.

PUBLICATIONS IN THE PROCEEDINGS OF OTHER INTERNATIONAL CONFERENCES OR PROGRAMS

- Rossi, G., Madrussani, G. Gei, D., Böhm, G. and **Camerlenghi, A.**, 2005. Velocity and attenuation 3D tomography for gas-hydrates studies: the NW offshore Svalbard case. Proceedings of the Fifth International Conference on Gas Hydrates, Volume 2, June 13–16, 2005, Trondheim, Norway. Tapir Academic Press, Trondheim, CD-Rom and Abstract Book. Article N. 2040.
- Westbrook, G. K., Buenz, S., **Camerlenghi, A.**, Carcione J., Chand, S., Dean, S., Foucher, J.-P., Flueh, E., Gei, D., Haacke, R., Klingelhoefer, F., Long, C., Madrussani, G., Mienert, J., Minshull, T.A., Nouzé, H., Peacock, S., Rossi, G., Roux, E., Reston, T., Vanneste, M., and Zillmer, M., 2005. Measurement of *p*- and *s*-wave velocities, and the estimation of hydrate concentration at sites in the continental margin of Svalbard and the Storegga region of Norway. Proceedings of the Fifth International Conference on Gas Hydrates, Volume 3, June 13–16, 2005, Trondheim, Norway. Tapir Academic Press, Trondheim, CD-Rom and Abstract Book. Article N. 3004.
- Volpi V., **Camerlenghi A.**, Hillenbrand C.-D., Rebesco M. and Ivaldi R., 2002. The effects of biogenic silica on sediment consolidation and slope instability on the Antarctic margin. *Bollett. di Geof. Teor. ed Appl.*, vol.42 - N. 1 / 2 supplement. Realmod 2002 Conference, 2-4 Ottobre 2002, S. Donato Milanese Italy. Extended Abstracts.
- Camerlenghi A.**, Costa E., Polonia A., Cooper C., Fabretti P., Mosconi A., Murelli P., Romanelli M., Sormani L., and Wardell N., 2000. New insights on the mechanisms of deformation of the Eastern Mediterranean Ridge. Proceedings of the EAEG Conference on Petroleum Geology of the Mediterranean and circum-Mediterranean Basins, Malta, , Malta, 1-4 October 2000, D2.
- Barker, P.F., **Camerlenghi, A.**, Acton, G.D. and the Leg 178 Scientific Party, 1998. Antarctic Glacial hystory and sea-level change - Leg 178 samples Antarctic Peninsula margin sediments. *JOIDES Journal*, 24(2):7-10.
- Camerlenghi, A.** 1998. The Mediterranean Ridge: A salt-bearing accretionary complex in the framework of continental collision. In Cloetingh, S.(Ed.) *Sedimentary Basins - Models and Constraints*. Proceedings of the International School of Earth and Planetary Sciences (Siena, September 1996), Amsterdam, *Elsevier*: 215-241.
- Camerlenghi, A.**, Rebesco, M., and Pudsey, C.J, 1997. High resolution terrigenous sedimentary record of the sediment drifts on the Antarctic Peninsula Pacific Margin (Initial results of the SEDANO program). In Ricci, C.A., (Ed.) *The Antarctic region: Geological evolution and processes*, Proceedings of the VII ISAES (International Symposium of Antarctic Earth Sciences), Siena (Italy), Agosto 1995. *Terra Antartica Publication*, Siena: 705-710.
- MEDRIFF Consortium (Westbrook, G.K., Woollett, R.F., LePichon, X., Lallement, S., Chamot-Rooke, N., Foucher, J.-P., Harmegnies, F., Suess, E., Bleyer, A., Pavlakis, P., Alexandri, M., Cita, M.B., Fusi, N., Aloisi, G., **Camerlenghi, A.**, Polonia, A., Della Vedova, B., Pellis, G., Mirabile, L., Severino, V., Buonocore, B.), 1995. Brine lakes and thermal anomalies in the seafloor and bottom water of the western Mediterranean Ridge. Second MAST DAYS and EUROMARKET Conference, 7-10 November 1995 Sorrento, Italy, Projects Reports, Volume 1:370-383.
- Camerlenghi, A.** and Polonia, A., 1994. Variation of structural style along the eastern Mediteranean Ridge accretionary complex from the MS-multichannel seismic dataset. Abstracts Volume of the 1994 Spring Meeting of AGU, *EOS, AGU Transactions*, Supplement April 19 1994, p. 117.

- Kim, Y., Kim, H.S., Larter, R.D., **Camerlenghi, A.**, Gamboa, L.A.P. and Rudowski, S., 1994. Tectonic deformation in the upper crust and sediments at the South Shetland Trench. The Antarctic Continental Margin: Extended Abstracts of the ANTOSTRAT Symposium, Siena, Italy August 21-27 1994, *Terra Antartica* 1(2):299-302.
- Camerlenghi, A.**, Bohem, G., Della Vedova, B., Lodolo, G., Pellis, G., and Vesnaver, A., 1994. Seismic reflection tomography and thermal implications of a gas hydrate Bottom Simulating Reflector on the South Shetland Margin (Antarctic Peninsula). The Antarctic Continental Margin: Extended Abstracts of the ANTOSTRAT Symposium, Siena, Italy August 21-27 1994, *Terra Antartica* 1(2): 295-296.
- Gamboa, L.A.P., Cunningham, A.P., Bochu, Y., **Camerlenghi, A.**, Nako, S., and Rudowski, S., 1994. Origin and evolution of the Bransfield Basin based on integrated MCS data. The Antarctic Continental Margin: Extended Abstracts of the ANTOSTRAT Symposium, Siena, Italy August 21-27 1994, *Terra Antartica* 1(2):293-294.
- Rebesco, M., Larter, R.D., Barker, P.F., **Camerlenghi, A.**, and Vanneste, L.E., 1994. The history of sedimentation on the continental rise west of the Antarctic Peninsula. The Antarctic Continental Margin, Extended Abstracts of the ANTOSTRAT Symposium, Siena, Italy August 21-27 1994, *Terra Antartica* 1(2):277-279.

PUBLICATIONS IN ITALIAN SCIENTIFIC JOURNALS

- Tinivella, U. and **Camerlenghi, A.**, 2003. Esplorazione e quantificazione degli idrati di metano. *La Rivista dei Combustibili e dell'Industria*, 57(4):195-199.
- Camerlenghi, A.**, and Tinivella, U., 2003. L'interesse scientifico verso gli idrati del metano. *La Rivista dei Combustibili e dell'Industria*, 57(4):188-194.
- Accaino, F., Tinivella, U., and **Camerlenghi, A.**, 2003. Pore Pressure Regime and Gas-Phase Distribution in the South Shetland Margin (Antarctica). *Terra Antartica Reports*, 9, 45-49.
- Rebesco, M., **Camerlenghi, A.** and Brancolini, G., 1995. Seismic survey of the Pacific Margin of the Antarctic Peninsula: Results of the 1989-92 cruises of R/V OGS-Explora. *Bollettino di Geofisica Teorica ed Applicata*, 37 (147):159-178.
- Boehm, G., **Camerlenghi, A.**, Lodolo, E., and Vesnaver, A., 1995. Tomographic analysis and geological context of a Bottom Simulating Reflector in the South Shetland margin (Antarctic Peninsula). *Bollettino di Geofisica Teorica ed Applicata*, 27(145):3-24.
- Buseti, M., **Camerlenghi, A.**, Carta, E., Lodolo, E., and Sauli, C., 1993. The Ross Sea (Antarctica): A review of the geological and geophysical exploration. *Bollettino di Geofisica Teorica ed Applicata*, 35:245-263.
- Lucchi, R. and **Camerlenghi, A.**, 1993. Upslope turbiditic sedimentation on the SE flank of the Mediterranean Ridge. *Bollettino di Oceanologia Teorica ed Applicata*, 11:(1):3-26.
- Camerlenghi, A.** and Erba, E., 1992. Extreme deep-sea environment of the Eastern Mediterranean anoxic basins: The state of the art. *Rivista Italiana di Paleontologia e Stratigrafia*, 97:695-708.
- Fusi, N., Mirabile, L., **Camerlenghi, A.**, and Ranieri, G., 1991. Marine geophysical survey of the Gulf of Naples (Italy): relationship between submarine volcanic activity and sedimentation. *Memorie della Societa' Geologica Italiana*, 47:95-114.

- Cita, M.B. and **Camerlenghi, A.**, 1990. The Mediterranean Ridge as an accretionary prism in collisional setting. *Memorie della Societa' Geologica Italiana*, 45:463-480.
- Cita, M.B., **Camerlenghi, A.**, Erba, E., McCoy, F.W., Castradori, D., Cazzani, A., Guasti, G., Giambastiani, M., Lucchi, R., Nolli, V., Pezzi, G., Redaelli, M., Rizzi, E., Torricelli, S., and Violanti, D., 1989. Discovery of mud diapirism in the Mediterranean Ridge. A preliminary report. *Bollettino della Societa' Geologica Italiana*, 108:537-543.
- Cita, M.B., Fornaciari, M., **Camerlenghi, A.**, Corselli, C. Erba, E., McCoy, F.W., and Vezzoli, L., 1988. Anoxic basins of the Eastern Mediterranean: New evidence from the Bacino Bannock Area. *Memorie della Societa' Geologica Italiana*, (1986), 36:131-144.
- Bregant, D., **Camerlenghi, A.**, Catalano, G., Corselli, C., and McCoy, F.W., 1988. Preliminary results of physical and chemical characters of the Bacino Bannock brines (Eastern Mediterranean). *Memorie della Societa' Geologica Italiana*, 36:145-151.
- Cita, M.B., **Camerlenghi, A.**, and Leoni, C., 1986. Il Messiniano in Italia. Un approccio quantitativo, *Giornale di Geologia*. 48:257-271.
- Cita, M.B., Aghib, F.S., Cambi, A., **Camerlenghi, A.**, Corselli, C., Erba, E., Giambastiani, M., Herbert, T., Kastens, K.A., Leoni, C., Malinverno, P., McCoy, F.W., Nosetto, A., Parisi, E., and Spezzibottani, G., 1985. Precipitazione attuale di gesso in un bacino anossico profondo: prime osservazioni geologiche, idrologiche, paleontologiche sul Bacino Bannock (Mediterraneo Orientale). *Giornale di Geologia*, 47(1-2):143-163.
- Cita, M.B. and **Camerlenghi, A.** 1984. Effetti dell'eruzione Minoica di Santorino sulla sedimentazione abissale Olocenica nel Mediterraneo Orientale. *Rendiconti di Scienze Fisiche, Matematiche e Naturali dell'Accademia Nazionale dei Lincei*, Serie VII, 77(5):177-187.
- Cita M.B., Bossio, A., Colombo, A., Gnaccolini, M., Salvatorini, G., Kastens K.A., McCoy, F.W., Broglia C., **Camerlenghi, A.**, Catrullo, D., Croce, M., Giambastiani, M., Malinverno, A., and Parisi, E., 1982. Stratigraphy and neotectonics in the Eastern Mediterranean Ridge. Cobblestone area 3, re-visited. *Memorie della Societa' Geologica Italiana*, 24, 443-458.
- Cita M.B., Bossio, A., Colombo, A., Gnaccolini, M., Salvatorini, Broglia, C., **Camerlenghi, A.**, Catrullo, D., Clauzon, G., Croce, M., Gianbastiani, M., Kastens, K.A., Malinverno, A., McCoy, F.W., and Parisi, E., 1982. Sedimentation in the Mediterranean Ridge Cleft (DSDP Site 126). *Memorie della Societa' Geologica Italiana*, 24:427-442.

PUBLICATIONS IN THE PROCEEDING OF ITALIAN MEETINGS AND PROGRAMS

- Tinivella, U., Lodolo, E., and **Camerlenghi, A.**, 1996. Velocity field associated to presence of gas hydrate and free gas in marine sediments. *Atti del 15° Convegno G.N.G.T.S.*, Roma (Italia), 11-13 Novembre 1996, pp. 317-322.
- Della Vedova, B., Pellis, G., and the MEDRIFF Group (Westbrook, G.K., Woollett, R.F., LePichon, X., Lallement, S., Chamot-Rooke, N., Foucher, J.-P., Harmegnies, F., Suess, E., Bleyer, A., Villinger, H., Cita, M.B., Fusi, N., Aloisi, G., **Camerlenghi, A.**, Polonia, A., Mirabile, L., Severino, Pavlakis, P., Alexandri, M.), 1994. Thermal transients in the

sediments of the Mediterranean Ridge. *Atti del 13° Convegno G.N.G.T.S.*, Roma (Italia), 28-30 Novembre 1994, Vol. I, 223-230.

Camerlenghi, A., Polonia, A., Della Vedova, B., Pellis, G. Ramigni, M., Campus, A., Cita, M.B., Fusi, N., Giambastiani, M., Negri, A., Rimoldi, B., Tarbini, P., Aloisi, G., Mirabile, L., Bonocore, D., Bleyer, A., and Namjmulshi, K., 1994. The MAST-MEDRIFF Project: Report on the R/V Urania Cruise 1993. *Atti del 12° Convegno G.N.G.T.S.*, Roma (Italia), 24-26 Novembre 1993, Vol II, 687-697.

Camerlenghi, A. and Lodolo, E., 1994. Bottom simulating reflector on the South Shetland Margin (Antarctic Peninsula) and implications for the presence of gas hydrates. *Proceedings of the 4th Meeting of Earth Sciences in Antarctica*, PNRA, Siena 1993, 154-157.

Lodolo E. and **Camerlenghi, A.**, 1992. Evidenze sismiche di gas idrati lungo il margine pacifico della Penisola Antartica, *Atti dell'11° Convegno G.N.G.T.S.*, Roma (Italia), 9-10 Dicembre 1992, Vol. II, 873-879.

Camerlenghi, A., Della Vedova B., Pellis G., Polonia A., Rebesco M., and Rebez A., 1992. The Mediterranean Ridge in the Eastern Mediterranean. *Atti dell'11° Convegno G.N.G.T.S.* Roma (Italia), 9-10 Dicembre 1992, Vol. II, 553-568.

Bregant, D., Boldrin, A., **Camerlenghi, A.**, Catalano, G., Corselli, C., DeDomenico, E., Giacobbe, S., e Rabitti, S., 1990. Bacino Bannock - Condizioni anossiche nel Mediterraneo. *Atti dell'8° Congresso della Associazione Italiana di Oceanologia e Limnologia*, Pallanza, 1-3 Giugno 1988, 213-225.

Camerlenghi, A., Cita, M.B., Leoni, C., Malinverno, A., Malinverno, P., and Miranda, P., 1983. Banca Dati, Logs e Carte Varie sul Messiniano d'Italia. *CNR Progetto Finalizzato Geodinamica*, 514, 467 pp

PUBLICATIONS IN POPULAR SCIENCE JOURNALS AND SCIENTIFIC DOCUMENTARIES

Hidden Corals. DVD Video, PAL, Color, Stereo, 25 min. 2010. Directed by D. Porbellini. Images: **A. Camerlenghi**, D. Porbellini, E. Rubio. Text: B. De Mol, A. Camerlenghi, J. Reveillaud, D. Porbellini. Produced by Generalitat de Catalunya, CultorMedia, GeoMedia.

20 Thousands years. The history of the Earth's last great natural climate change. DVD Video, PAL, Color, Stereo, 28 min. 2009. Directed by D. Porbellini. Images: **A. Camerlenghi**, D. Porbellini, E. Rubio. Text: I. Cacho, E. Calvo., **A. Camerlenghi**, D. Porbellini. Produced by Generalitat de Catalunya, CultorMedia, GeoMedia, Immagine Sas.

Ice. The historian of the Earth. DVD PAL, color, 25 min. 2008. Directed by D. Porbellini. Images and Text: **A. Camerlenghi**, D. Porbellini, T. Mercuri, E. Rubio. Produced by Generalitat de Catalunya, CultorMedia, GeoMedia, Immagine Sas.

Ghiacciai Bulldozers, 2004. VHS e DVD PAL, colore, 32 minuti. Regia Teodoro Mercuri, Testi e Consulenza Scientifica: **A. Camerlenghi**. Produzione CNR-IRPI/OGS.

Verso il centro della Terra, 2002. VHS PAL, colore, 35 minuti. Regia Teodoro Mercuri, Consulenza Scientifica: **A. Camerlenghi**. Produzione CNR-IRPI/OGS.

- Avella, R., and **Camerlenghi, A.**, 2002. Idrati di metano. Ergazette (Il magazine online delle fonti rinnovabili), ENEL GreenPower, N.7 (Aprile 2002).
- Avella, R., Castellazzi, L., Bassano, C., **Camerlenghi, A.** 2001. Dagli idrati di metano una nuova fonte energetica? *Energia Blu*, 5-6: 104-107.
- Camerlenghi, A.**, 2001. Perforazione Oceanica: Forse non tutti sanno che..... Notiziario FIST, N. 8 (Dicembre 2001):32-38.
- Perche' l'Antartide*, versione italiana. *Why the Antarctic*, versione inglese, 2000. VHS PAL, colore, 37 minuti. Regia Teodoro Mercuri, Consulenza Scientifica: **A. Camerlenghi**, M. Parotto, F. Salvini, e F. Talarico. Produzione CNR-IRPI/OGS/MNA. In vendita presso il Museo Nazionale dell'Antartide, Sezione di Genova.
- Cita, M.B. e **Camerlenghi, A.**, 1990. L'Ultima Tetide. *Oasis Mediterraneo*, 49 Suppl. 1:32-41.
- Paganoni, A. and **Camerlenghi, A.**, 1987. La collezione di pietre ornamentali "A. Galletti". *Rivista del Museo Civico di Scienze Naturali "E. Caffi"*, Bergamo, 12:129 pp.

UNPUBLISHED THESES

- Camerlenghi, A., 1991. Il Diapirismo d'Argilla sulla Dorsale Mediterranea. Tesi di Dottorato, Dipartimento di Scienze della Terra, Università degli Studi di Milano, Milano, 173 pp.
- Camerlenghi, A., 1988. Subsurface Dissolution of Evaporites in the Eastern Mediterranean Sea. Unpublished MS Thesis, Texas A&M University, College Station, Texas, 112 pp.
- Camerlenghi, A., 1984. Evoluzione Geologica Post-Messiniana e Geomorfologia del Bacino di Sora (Valle del Liri). Tesi di Laurea, Dipartimento di Scienze della Terra, Università degli Studi di Milano, Milano, 137 pp.