

CURRICULUM VITAE

GREGOR PAUL EBERLI

PRESENT ADDRESS

CSL – Center for Carbonate Research, Department of Marine Geosciences,
University of Miami, RSMAS - MGG, 4600 Rickenbacker Causeway, Miami,
FL 33149 Tel. (305) 361 46 78

RESEARCH INTERESTS

- 1) The sedimentary record of changes of sea level and currents – understanding the past to predict the future
- 2) Integrated research in sedimentology, sequence stratigraphy, geophysics and petrophysics.
- 3) Exploring the hidden ecosystems (deep-water coral reefs) in the Florida-Bahamas region.

EDUCATION

- 1985 - 1987 Post-Doctoral Tenure, University of Miami, Comparative Sedimentology Laboratory, Fellowship of the Swiss National Science Foundation.
1985 Ph.D., Swiss Federal Institute of Technology, ETH Zürich,
1980 Diploma, Swiss Federal Institute of Technology, ETH Zürich,

POSITIONS HELD

- Present position Robert N. Ginsburg Endowed Chair in Marine Geosciences, University of Miami
2006 – 2020 Professor Marine Geosciences and Director of the CSL - Center of Carbonate Research, University of Miami
2001 - 2006 Chairman Division of Marine Geology and Geophysics, University of Miami
2000 Sabbatical Leave, Carbonate Development Team, Shell Rijswijk
1998 – 2000 Chairman Division of Marine Geology and Geophysics, University of Miami
1997 - present Professor, University of Miami
1992 – present Lecturer at Swiss Institute of Technology ETH, Zürich Switzerland
1991 - 1997 Associate Professor, University of Miami
1987 - 1991 Research Associate, Geological Institute, ETH Zürich.
1985 - 1987 Postdoctoral Associate, University of Miami, Comparative Sedimentology Laboratory.
1985 Research Assistant, Geological Institute, ETH Zürich.
1981 (part time) Geologist, Motor Columbus Engineering Co., Hydrogeology Group.
1980 - 1984 Teaching Assistant, Geological Institute, ETH Zürich.
1978 - 1980 Research Assistant, Limnogeology Group, ETH Zürich.

DRILLING AND MARINE EXPEDITIONS

2015	IODP Expedition 359, Maldives monsoon and sea level, Co-chief scientist
2013	RV METEOR, Research Cruise M95; 3/29-4/25 2013 “Current Deposits in the Straits of Florida”: multibeam, single-channel seismic, coring and sampling in the Straits of Florida (PI Christian Betzler)
2012	RV MARIA S. MERIAN, Research Cruise MSM20/4 “West-Atlantic Cold-water Coral Ecosystems”: multibeam, single-channel seismic, coring and ROV expedition along the Yucatan, West Florida shelf and the Straits of Florida (PI Dierk Hebbeln)
2010	CARAMBAR cruise Straits of Florida, multibeam, single-channel seismic and coring expedition of platform slopes and deep-water coral mounds. (PIs Thierry Mulder, Emanuelle Ducassou))
2006	Submersible cruise exploring deep-water coral mounds in the Straits of Florida (Johnson-Sea-Link)
2005	AUV cruise to deep-water coral mounds, Straits of Florida collecting multibeam, subbottom profiler, backscatter and current data
2004	AUV cruise: photo imaging deep reefs, Puerto Rico
2001	Ocean Drilling Program, Leg 194, Marion Plateau, Logging Specialist
1996	Ocean Drilling Program, Leg 166, Bahamas Transect, Co-Chief Scientist
1994	High-resolution multi-channel seismic survey, Bahamas, Chief scientist
1992	Belize Cruise, Co-Chief scientist, Single-channel seismic survey and coring
1990	Bahamas Drilling Project; deep drilling on Great Bahama Bank
1987 + 1988	Dive-expeditions; Tongue of the Ocean, Bahamas
1986	Dive-expedition, Chub Cay, Bahamas, Submersible Dives to 1100 ft,
1985	Leg 101, Bahamas, Ocean Drilling Program, Physical Properties Specialist
1983	Great Salt Lake, Utah, Gravity cores.
1980	Lake Zürich, Deep Drill Hole, Physical Properties Specialist.

PROFESSIONAL ACTIVITIES

Board Member , Ocean Research and Education, non-profit organization, 1996 - recent

Co-Chief Scientist, IODP EXP 359, Maldives – Monsoon and Sea Level
 AAPG Distinguished Lecturer Committee (1998 – 2008; Chair 2005 - 2008)
 NSF panel Ocean Science MGG 2003
 Pettijohn Medal Selection Committee 1998-2001
 Shepard Medal Selection Committee 1998-2001
 JOI/USSAC (US Science Advisory Committee) 1998 - 2000
 ODP Working Group for Shallow Water Drilling 1997 – 1999
 Co-Chief Scientist, ODP Leg 166, Bahamas Transect
 Sea Level Working Group, Ocean Drilling Program, Panel Member; 1990-1992
 Steering Committee MARGINS Initiative, 1992-1993
 Sedimentary and Geochemical Processes Panel, ODP 1996
 Co-convener, CAGE Project, 1994-1995
 Chairman, Symposium “Unanswered Questions in Carbonates,” Miami, 1995

Associate Editor; Sedimentology, 1999 – 2002; 2006 - present
 Associate Editor; Bolletino della Societa Geologica Italiana, 2000 - present

Associate Editor; Journal of Sedimentary Research, 1990-1998
 Associate Editor, Geology, 1994 –1996

PROFESSIONAL AFFILIATIONS

AAAS American Association for the Advancement of Science
 AAPG American Association of Petroleum Geology
 AGU American Geophysical Union
 EAGE European Association of Geoscientists and Engineers
 GSA Geological Society of America
 IAS International Association of Sedimentologists
 SEPM Society for Sedimentary Geology

AWARDS

2020 **Robert N Ginsburg Endowed Chair in Marine Geosciences**, University of Miami

2017 **Top Oral Presentation**, SEPM-AAPG, Annual Meeting.

2016 **Editor's Picks** publication in *Sedimentology*

2014 Induction to **Iron Arrow Honor Society**, University of Miami

2014 **Editor's Picks** publication in *Sedimentology*

2014 Grover E. Murray Memorial **Distinguished Educator Award** from AAPG

2012 **Johannes Walther Award** from IAS for Scientific Contributions to Sedimentology

2010 Induction to **Honor Society Alpha Epsilon Lambda**

2009 **George C. Matson Award** (Best Presentation Co-Author), AAPG Annual Meeting

2007 **Fellow AAAS** (American Association for the Advancement of Science)

2006 **Robert H. Dott, Sr. Memorial Award** for publication of AAPG Memoir 80

2005/06 **Distinguished Lecturer** EAGE European Association of Geoscientists and Engineers)

2001 **Medal of Merit**, Canadian Society of Petroleum Geologists

1997/1998 **JOI/USSAC Distinguished Lecturer**

1996/1997 **AAPG Distinguished Lecturer**

1995 **Fellow** Geological Society of America

1994 Best Poster Award, Geological Society of America Annual Meeting

TEACHING

University of Miami:

GDC 360 Depositional and Diagenetic Systems*
 MGG 641 Field Evaluation of Fossil Platforms, Margins and Basins*
 MGS 784 Seismic Interpretation of Carbonate Systems*
 MGS 785 Petrophysics of Carbonates*
 MGS 611 Earth Surface Systems*
 MGS 681 Field Seminar: Facies Successions on Great Bahama Bank*
 MGS 682 Field Seminar: Heterogeneity of a Windward Margin*
 MSC 101 Survey of Oceanography
 MGG 672 Basin Analysis and Seismic Interpretation

* = currently teaching

ETH (Swiss Institute of Technology) since 1992:

651-4243-00L Seismic stratigraphy and facies (week short course)

Continuing Education for Professional Geologists:

- 2020 Carbonate Module - Eni international Master “Geoscience for Energy Master School (GEMS)”
- 2020-21 4-day course “D073: Integration of Sedimentology, Petrophysics and Seismic Interpretation for Exploration and Production of Carbonate Systems” RPS, London
- 2019 Lecturer for NextSchlumberger on Carbonate Reservoir Characterization, Bogota, Colombia.
- 2015 - 2018 Neuquén Basin Argentina, 4-day field seminar for Industrial Associates, co-leader with R. Weger, L. Rodriguez Blanco.
- 2013 - 2017 5-day course “Seismic facies, sequence stratigraphy and petrophysics for predicting reservoir properties of carbonates and unconventional” ENI Corporate University,
- 2005 - 2019 Workshop in Geological Seismic Interpretation: Carbonate Systems Nautilus Course M73a (3-day)
- 1998 - 2015 Two field seminars to the Bahamas, also offered as MGG784 and MGG785
- 2013 – 2015 “Seismic Stratigraphy in Carbonate Systems” Petrobras University, 5-day course
- 2003 – 2010 Carbonate Seismic Facies Analysis and Sequence Stratigraphy, Petrobras University, 3-day short course
- 2006 - 2010 Characterization of Carbonate Reservoirs” 3-day short course for BGP CNPC
- 2003 + 2010 Seismic Facies, Sequence Stratigraphy and Petrophysics of Carbonate Systems. Statoil, Stavanger, Norway, 2-day
- 2003 Sequence Stratigraphy and Rock Physics in a Modern Carbonate Platform, Great Bahama Bank. JNOC, Tokyo, 5-day
- 2001 – 2003 Reservoir Characterization of Carbonates and Mixed Systems, 5-day course Petrobras S/A, Rio de Janeiro, Brasil
- 2001 Seismic Facies and Sequence Stratigraphy of Carbonate Systems, 2-day course, University of Nebraska, Lincoln
- 1999 New Insights into Petrophysics, Diagenesis, and Seismic Facies 1-day short course, Saudi Aramco, Dahrán
- 1998 Seismic Facies and Sequence Analysis of Carbonate Depositional Systems 4-day short course, Texaco Inc. Midland
- 1995 Carbonate Facies and Petrophysical Characteristics, 1-day short course Schlumberger-Doll Research Laboratory, Richfield CT
- 1995 “Outcrop to Subsurface High-Resolution Sequence Stratigraphy, Paradox Basin.” 4-day Short Course and field trip Texaco Inc., Denver,
- 1994 Mixed Carbonate/Siliciclastic Systems, four-day Short Course, Buenos Aires, invited by Argentinian Sedimentological Society.
- 1993 Carbonate Depositional Systems, 3-day Short Course, Elf/Aquitaine Pau

THESIS AND DISSERTATION ADVISING STUDENT SUPERVISION

- Current PhD students:**
- 1) Anna Ling
 - 2) Sara Bashah

Past Ph.D. students: 1) Dominic Esker 1997, 2) Jose Luis Masferro 1997, 3) Michael, L. Incze 1998, 4) Karin Bernet 1999, 5) Xavier Janson 2002, 6) Aleksandra Janik 2003, 7) Kelly Bergman 2004, 8) Ralf Weger 2006, 9) Eduardo Cruz 2008, 10) Matthew Buoniconti 2008, 11) David Katz 2009, 12) Layan Al-Kharusi, 2009, 13) Thiago Correa 2011, 14) Michael Zeller 2013, 15) Noelle van Ee, 2014 16) Pierpaolo Marchesini 2015, 17) Jan Norbistrath, 2016, 18) Kelly L. Jackson 2017, 19) Jara S. Schnyder, 2018, 20) Kimberly Galvez, 2020, 21) Maximillian Tenaglia, 2020, 22) Laura Rueda, 2021

Past Masters students: 1) Anthony Poiriez 2003, 2) Rizky P. Sekti 2010, 3) Maaïke Petrie 2010, 4) Fikril Hakiki 2010 5) Kenri Pomar 2010, 6) Samuel Reid 2010, 6) Albertus Ditya 2013, 7) Irena Maura, 2013, 8) Rani Sianipar, 2013, 9) Andrew Jo 2013, 10) Hasan Caglar Usdun 2014, 11) Deniz Kula 2014 12) Ergin Karaca 2015, 13) Leticia Rodriguez Blanco 2016, 14) Emad Alothman 2017, 15) Yuksek Mustafa 2018

Committee Member:

Maria Ester Lara 1992 (Co-Chairman), Jayson Mayers, 1994; Geraldo Itturino 1995; Enrique Cabral 1995; Henrike Groschel-Becker 1996, Thomas Missimer 1996, Laura A. Guertin 1997, Andy Risi 1997, Stacy Reeder 2008, 2011, Amanda Oehlert 2014, Megan Smith

Ph.D. Committee Member at other institutions:

2010 Chadia Volery, University of Geneva
 2009 Gregor Bächle, University of Tübingen
 2008 Carine Grelaud, Sultan Qaboos University
 2005 Nikita Seleznev, Technincal University Delft, The Netherlands
 2002 Emmanuel Caspard, Institut Francais du Petrole, Paris, France
 2000 Guido Bracco Gartner, Vrije University, Amsterdam, The Netherlands
 1996 Christophe Nussbaumer, University Of Geneva
 1994 Flavio Anselmetti, Geological Institute ETH, Zürich
 1994 Diethard J. Sanders, Geological Institute ETH, Zürich
 1992 David J. McLean, Ph.D., McGill University, Montreal, Canada

POST-DOCTORAL SUPERVISION

Klaas Verwer (2008 – 2010)
 Ralf Weger (2006- 2007)
 Guillermina Sagasti (2002 - 2004)
 Guido Bracco Gartner (2000 – 2002)
 Shouwen Shen, (2000-2001)
 Langhorne B. Smith Jr., (1998-2000)
 Hildegard Westphal (1998-1999)
 Flavio S. Anselmetti (1994-1997)
 Michael T. Whalen (1993-1995)
 Ramon Gonzalez (1993-1995)
 Leslie A. Melim (1992-1996)
 G. Michael Grammer (1992-1995)

PUBLICATIONS

submitted

Price, B., Janson, X., Kerans, C., and Eberli G.P. Identification of fossil contourite drifts in the Delaware Basin, USA. *Geology*

In revision

Wang, Y., Grammer, G.M., Gregor Eberli, G.P., Ralf Weger, R.J., and Nygaard, R., 2021, Testing Rebound Hardness for Estimating Rock Properties from Core and Wireline Logs in Mudstones: U.S. Midcontinent (Mississippian Limestone) and Argentina (Vaca Muerta Formation). *Journal of Petroleum Science and Engineering*

Accepted/ in press/online

Rodriguez Blanco, L., Eberli, G.P., Weger, R.J., Swart, P.K., Tenaglia, M., Rueda, L., and McNeill, D.F., 2020, Quantifying Concretion Distribution in shales of the Vaca Muerta-Quintuco system, Neuquén Basin, Argentina. *AAPG Bulletin*

2021 Wu, M., Harris, P.M., **Eberli G.P.**, and Purkis, S.J., 2021, Sea-Level, Storms, and Sedimentation – Controls on the Architecture of the Andros Tidal Flats (Great Bahama Bank). *Sedimentary Geology*,

Ling, A., **Eberli, G.P.**, Swart, P.K., Reolid, J., Hayman, St., Rüggenberg, A., and Betzler, C., 2020, Middle Miocene platform drowning in the Maldives related to currents without nutrient excess or expansion of the oxygen minimum zone. *Palaeogeography, Palaeoclimatology, Palaeoecology*. ()

Christensen, B.A., De Vleeschouwer, D., Henderiks, J., Groeneveld, J., Auer, G., Drury, A.J., Karatsolis, B.T., Lyu, J., Betzler, C., **Eberli, G.P.**, and Dick, D., 2021, Late Miocene onset of Tasman Leakage and Southern Hemisphere Supergyre ushers in Near-modern Circulation. *Geophysical Research Letters*, 48, e2021GL095036. <https://doi.org/10.1029/2021GL095036>

Diaz, M.R., and **Eberli, G.P.**, 2021, Microbial Contribution to Early Marine Cementation. *Sedimentology*

Guzmán-Hidalgo, E., Grajales-Nishimura, J.M., **Eberli, G.P.**, Aguayo-Camargo, J.E., Urrutia-Fucugauchi, J., Pérez-Cruz, L., 2021, Seismic stratigraphic evidence of a pre-impact basin in the Yucatán Platform: morphology of the Chicxulub crater and K/Pg boundary deposits. *Marine Geology*

2020 Minisini, D., Desjardins, P., Otharán, G., Paz, M., Kietzmann, D., **Eberli, G.P.**, Zavala, C., Simo, T., and Heine, C., 2020, Depositional model for the Vaca Muerta Formation and implications for reservoir quality. In: Daniel Minisini, Manuel Fantín, Iván Lanusse Noguera, and Héctor A. Leanza, eds., *Integrated*

geology of unconventional: The case of the Vaca Muerta play, Argentina: AAPG Memoir 121, p. 201–236.

Biliak, O., Reolid, J., Betzler, C. **Eberli, G.P.**, and Waldmann N., 2020, Shifts in source contribution to peri-platform deposits during the Early to Middle Miocene in response to climatic and oceanographic forcing, Maldives, western Indian Ocean. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 559, p. 1- 13. doi.org/10.1016/j.palaeo.2020.109969

Tenaglia, M., **Eberli, G.P.**, Weger, R.J., Rodriguez Blanco, L., Rueda, L., and Swart, P.K., 2020, Total Organic Carbon quantification from wireline logs: A case study in the Vaca Muerta Formation, Argentina. *Journal of Petroleum Science and Engineering* v.194:107489.

Bashah S., Galvez K.C., **Eberli G.P.** and Cantwell K., 2020, Control of deep currents on sediments and cold-water coral distribution on the Northern Manihiki Plateau. *Front. Mar. Sci.* 7:288. doi:10.3389/fmars.2020.00288

Reolid, J., Betzler, C., Braga, J.C., Lüdmann, T., Ling A., and **Eberli G.P.**, 2020, Facies and geometry of drowning steps in a Miocene carbonate platform (Maldives). *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 538, p. 1-17.

Rodriguez Blanco, L., **Eberli, G.P.**, Weger, R.J., Swart, P.K., Tenaglia, M., Rueda, L., and McNeill, D.F., 2020, Periplatform ooze in a mixed siliciclastic-carbonate system - Vaca Muerta Formation, Argentina. *Sedimentary Geology*, v. 396:105521 <https://doi.org/10.1016/j.sedgeo.2019.105521>

2019 Eberli, G.P., Bernoulli, D., Vecsei, A., Sekti, R., Grasmueck, M., Lüdmann, T., Anselmetti, F.S., Mutti, M., and Della Porta, G., 2019, Cretaceous Carbonate Drift Delta in the Montagna dell Maiella, Italy. *Sedimentology*, v. 66, p. 1266-1301. doi: 10.1111/sed.12590

Eberli, G.P., and Betzler, C., 2019, Characteristics of Modern Carbonate Contourite Drifts. *Sedimentology*, v. 66.p. 1163-1191. doi: 10.1111/sed.12584

Betzler C. and **Eberli G.P.**, 2019, The Miocene start of modern carbonate platforms. *Geology*, v. 47, p. 771-775, <https://doi.org/10.1130/G45994.1>

Cruz F.E.G., **Eberli G.P.** 2019, Co-existence of skeletal and ooid shoals as a result of antecedent topography—Cat Cay shoal complex, Bahamas. *Depositional Record*, v. 5, p. 451–468. <https://doi.org/10.1002/dep2.90>

Diaz M.R. and **Eberli G.P.**, 2019, Decoding the Mechanism of Formation in Marine Ooids: A Review. *Earth Science Reviews*, v. 190, p. 536-556

Harris, P. M., Diaz, M. R., and **Eberli, G. P.**, 2019, The Formation and Distribution of Modern Ooids on Great Bahama Bank: *Annual Review of Marine Science*, 11:491-516

Palaut M., Lüdmann, T., Betzler, C. and **Eberli, G. P.**, 2019, Neogene paleoceanographic changes recorded in a carbonate contourite drift (Santaren Channel, Bahamas). *Sedimentology*, v. 66, p. 1361-1385. doi:10.1111/sed.12573

Swart, P.K., Mackenzie, G.J, **Eberli, G.P.**, Lüdmann, T., and Betzler, C., 2019, Do drifts deposited adjacent to carbonate platforms record the signal of global carbon isotopic values? *Sedimentology*, v. 66, p. 1410-1426. doi:10.1111/sed.12580.

Suosaari, E.P., Reid, R.P., Playford, P.E., Oehlert, A.M., Steffensen, C.K., Andres, M.S., Suosaari, G.V., Milano, G.R., and **Eberli, G.P.**, 2019, Stromatolite provinces of Hamelin Pool: Physiographic controls on stromatolites and associated facies. *Journal of Sedimentary Research*, v.89, p. 207-226.

Weger, R.J., Murray, S., McNeill, D.F., Swart, P.K., **Eberli, G.P.**, Rodriguez Blanco, L., Tenaglia, M., and Rueda, L., 2019, Paleothermometry and distribution of calcite beef in the Vaca Muerta Formation, Neuquén Basin, Argentina. *AAPG Bulletin* v. 103, v. 931-950.

Lanci, L., Zanella, E., Jovane, L., Galeotti, S., Alonso-García, M., Alvarez-Zarikian, C.A., Bejugam, N. N., Betzler, C.G., Bialik, O.M., Blättler, C.L., **Eberli, G.P.**, Guo., J.A., Haffen, S., Horozal, Inoue, Kroon, D., M., S., Laya, J.C., Ling A.H.M., Lüdmann, T., Nakakuni, M., Niino, K., Petruny, L.M., Pratiwi, S.D., Reijmer, J.J.G., Reolid, J., Slagle, A.L., Sloss, C.R., Su, X., D., Swart, P.K., Wright, J.D., Yao, Z., and Young, J.R, 2019, Magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform) reveal changes in the monsoon system. *Palaeogeography, Palaeoclimatology, Palaeoecology*, v 593, p. 2-11.

Swart, P.K., L. Blättler, M. Nakakuni, G.J. Mackenzie, C. Betzler, **G. P. Eberli**, J. Reolid, M. Alonso-García, A. L. Slagle, J. D. Wright, D. Kroon, J.J.G. Reijmer, A. L. Hui Mee, J. R. Young, C.A. Alvarez-Zarikian, O. M. Bialik, J. A. Guo, S.Haffen, S.Horozal, M. Inoue, L.Jovane, L. Lanci, Juan Carlos Laya, T. Lüdmann, B. N. Nath²⁰, K. Niino, L. M. Petruny, S. D. Pratiwi, X.Su, C.R. Sloss, Z.Yao., 2019, Cyclic anoxia and organic rich carbonate sediments within a drowned carbonate platform linked to Antarctic ice volume changes: Late Oligocene-early Miocene Maldives. *Earth and Planetary Science Letters*, v. 521, p. 1 – 13.

Weij, R., Reijmer, J.J., **Eberli, G.P.**, and Swart, P.K., 2019, The limited link between accommodation space, sediment thickness, and inner platform facies distribution (Holocene–Pleistocene, Bahamas). *Depositional Record*, v. 5, p. 400–420. <https://doi.org/10.1002/dep2.50>

2018 Kunkelova, T., Odling, N., Thomas, A., Betzler, C.G., **Eberli, G.P.**, Alvarez-Zarikian, C.A., Alonso-García, M., Bialik, O.M., Blättler, C.L., Guo., J.A., Haffen, S., Horozal, Ling A.H.M., Inoue, M., S., Jovane, L., Lanci, L., Laya, J.C., Lüdmann, T., Nath, B.N., Nakakuni, M., Niino, K., Petruny, L.M., Pratiwi, S.D., Reijmer, J.J.G., Reolid, J., Slagle, A.L., Sloss, C.R., Su, X., D., Swart, P.K., Wright, J.D., Yao, Z., Young, J.R, Hayman, S., Spezzaferri, S., and Kroon, D., 2018, A 2 million year record of continental aridity from the Maldives. *Progress in Earth and Planetary Science*, 1-20, doi.org/10.1186/s40645-018-0238-x

Lüdmann, T., Betzler, C.G., **Eberli, G.P.**, Reolid, J., Kroon, D., Reijmer, J.J.G., Sloss, C.R., Bialik, O.M., Alvarez-Zarikian, C.A., Alonso-García, M., Blättler, C.L., Guo, J.A., Haffen, S., Horozal, S., Inoue, M., Jovane, L., Lanci, L., Laya, J.C., Ling A.H.M., Nakakuni, M., Nath, B.N., Niino, K., Petruny, L.M., Pratiwi, S.D., Slagle, A.L., Su, X., Swart, P.K., Wright, J.D., Young, J.R., Yao, Z., 2018, Carbonate delta drift: A new sediment drift type. *Marine Geology*, v. 401, p. 98-111.

Oehlert, A.M., Swart, P.K., **Eberli, G.P.**, Evans, S., and Frank, T.D. 2018, Multiproxy constraints on the significance of covariant $\delta^{13}\text{C}$ values in carbonate and organic carbon during the early Mississippian. *Sedimentology*, v. 66, 241-261, doi:10.1111/sed.12502

Principaud, M., Mulder, T., Hanquiez, V., Ducassou E., **Eberli, G.**, Chabaud, L., and Borgomano, J., 2018, Recent morphology and sedimentary processes along the western slope of Great Bahama Bank (Bahamas). *Sedimentology*, v. 65, p. 2088–2116, doi: 10.1111/sed.12458

Betzler, C.G., **Eberli, G.P.**, Lüdmann, T., Reolid, J., Kroon, D., Reijmer, J.J.G., Swart, P.K., Wright, J.D., Young, J.R., Alvarez-Zarikian, C.A., Alonso-García, M., Bialik, O.M., Blättler, C.L., Guo, J.A., Haffen, S., Horozal, S., Inoue, M., Jovane, L., Lanci, L., Laya, J.C., Ling A.H.M., Nakakuni, M., Nath, B.N., Niino, K., Petruny, L.M., Pratiwi, S.D., Slagle, A.L., Sloss, C.R., Su, X., Yao, Z., 2018, Refinement of Miocene sea level and monsoon events from the sedimentary archive of the Maldives (Indian Ocean). *Progress in Earth and Planetary Science*, 5:5

Vanden Berg, B., Nussbaumer, Ch., Noack, A., Thornton, J., Weger, R., **Eberli, G.P.**, Grammer, G.M., 2018, A Comparison of the relationship between measured acoustic response and porosity across different geologic periods, depositional basins, and with variable mineral composition. *Interpretation*, v. 6, p. 1–11, <http://dx.doi.org/10.1190/INT-2017-0108.1>.

Schnyder, J.S.D., **Eberli, G.P.**, Betzler, C., Schiebel, L., Lindhorst, S., Wunsch, M., Mulder, T., and Ducassou, E., 2018, Morphometric analysis of plunge pools and sediment wave fields along western Great Bahama Bank. *Marine Geology*, v. 397, p. 15-28.

Norbisrath, J.H., **Eberli, G.P.**, Shen, S., and Weger, R.J., 2018, Complex resistivity spectra for estimating permeability in dolomites from the Mississippian Madison Formation, Wyoming. *Marine and Petroleum Geology*, v.89, p.479-487.

Wunsch, M., Betzler, C., **Eberli, G. P.**, Lindhorst, S., Lüdmann, T. and Reijmer, J.J.G., 2018, Sedimentary dynamics and high-frequency sequence stratigraphy of the southwestern slope of Great Bahama Bank. *Sedimentary Geology*, v. 363, p. 96-117.

2017 Reolid, J., Betzler, C., **Eberli, G.P.**, and Grammer, G.M., 2017, The importance of microbial binding in Neogene–Quaternary steep slopes. *Journal of Sedimentary Research*, v. 87, 1–11.

- Diaz, M.R., **G.P. Eberli**, Blackwelder P., Phillips, B., and Swart, P.K., 2017, Microbially Mediated Organomineralization in the Formation of Ooids. *Geology*, v. 45, no. 9; p. 771–774 | Data Repository item 2017253 | doi:10.1130/G39159.1
- Norbisrath, J.H., Weger, R.J., and **Eberli, G.P.**, 2017, Complex Resistivity Spectra and Pore Geometry for Predictions of Reservoir Properties in Carbonate Rocks. *Journal of Petroleum Science and Engineering*, SPE-185167-PA.
- Norbisrath, J.H., Grammer, G.M., Vanden Berg, B., Tenaglia, M., **Eberli, G.P.** and Weger, R.J., 2017. Nanopore Imaging in Vaca Muerta Mudrocks to Evaluate Controls on Complex Resistivity Spectra in Unconventional Reservoirs. *Journal of Petroleum Science and Engineering*, v. 151, no. Supplement C, p. 455-467.
- Wunsch, M., Betzler, C., Lindhorst, S., Lüdmann, T. and **Eberli, G. P.**, 2017, Sedimentary dynamics along carbonate slopes (Bahamas archipelago): *Sedimentology*, v.64, p. 631-657; doi:10.1111/sed.12317
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