

- [A reduction in the sea surface warming rate in the South China Sea during 1999–2010](#)  
GQ Jiang, Q Jin, J Wei, P Malanotte-Rizzoli, AL Gordon, M Li  
Climate Dynamics 57 (7-8), 2093-2108 2021
- [Confronting racism to advance our science](#)  
P Zeitler, AP Barros, TW Becker, EA Davidson, BL Ehlmann, N Gruber, ...  
AGU Advances 2 (1), e2020AV000296 2021
- [Coupled ocean-atmosphere modeling over the Maritime Continent: A review](#)  
P Xue, P Malanotte-Rizzoli, J Wei, EAB Eltahir  
Journal of Geophysical Research: Oceans 125 (6), e2019JC014978 2020
- [Vertical profile of Makassar Throughflow](#)  
J Wei, P Malanotte-Rizzoli, AL Gordon, G Jiang  
Ocean Sciences Meeting 2020 2020
- [Seasonal and interannual variability of the subsurface velocity profile of the Indonesian Throughflow at Makassar Strait](#)  
GQ Jiang, J Wei, P Malanotte-Rizzoli, M Li, AL Gordon  
Journal of Geophysical Research: Oceans 124 (12), 9644-9657 2019
- [Exploring the importance of the Mindoro-Sibutu pathway to the upper-layer circulation of the South China Sea and the Indonesian Throughflow](#)  
M Li, J Wei, D Wang, AL Gordon, S Yang, P Malanotte-Rizzoli, G Jiang  
Journal of Geophysical Research: Oceans 124 (7), 5054-5066 2019
- [Navigation Bar](#)  
GLE Borzelli, M Gačić, P Lionello, P Malanotte-Rizzoli 2018
- [Future relative sea level for the Mediterranean Sea: ensemble projections combining terrestrial ice melt, high resolution steric effects, tectonic, and glacial isostatic adjustment](#)  
G Sannino, F Antonioli, A Carillo, G Galassi, P Malanotte-Rizzoli, ...  
EGU General Assembly Conference Abstracts, 10391 2018
- [Long-term marine climate change projections in the southern South China Sea and the Malacca Strait](#)  
Y Sun, EAB Eltahir, P Malanotte-Rizzoli  
2018 Ocean Sciences Meeting 2018
- [The bottom water exchange between the Singapore Strait and the West Johor Strait](#)  
Y Sun, E Eltahir, P Malanotte-Rizzoli  
Continental Shelf Research 145, 32-42 2017
- [Regime shift of the South China Sea SST in the late 1990s](#)  
B Thompson, P Tkalich, P Malanotte-Rizzoli  
Climate dynamics 48, 1873-1882 2017
- [Venice and I: How a City Can Determine the Fate of a Career](#)  
P Malanotte-Rizzoli 2017  
Annual Review of Marine Science 9, 1-29
- [Decomposition of thermal and dynamic changes in the South China Sea induced by boundary forcing and surface fluxes during 1970–2000](#)  
J Wei, P Malanotte-Rizzoli, M Li, H Wang  
Journal of Geophysical Research: Oceans 121 (11), 7953-7972 2016

- [Opposite variability of Indonesian throughflow and South China Sea throughflow in the Sulawesi Sea](#) 2016  
J Wei, MT Li, P Malanotte-Rizzoli, AL Gordon, DX Wang  
Journal of Physical Oceanography 46 (10), 3165-3180
- [Dynamical and thermodynamical analysis of the South China Sea winter cold tongue](#) 2016  
B Thompson, P Tkalich, P Malanotte-Rizzoli, B Fricot, J Mas  
Climate Dynamics 47, 1629-1646
- [Coupled seasonal and intraseasonal variability in the South China Sea](#) 2015  
J Wei, D Wang, M Li, P Malanotte-Rizzoli  
Climate Dynamics 44, 2463-2477
- [Paola Malanotte-Rizzoli](#) 2014  
P Malanotte-Rizzoli  
OCEANOGRAPHY 27 (4), 207-207
- [Local feedback mechanisms of the shallow water region around the Maritime Continent](#) 2014  
P Xue, EAB Eltahir, P Malanotte-Rizzoli, J Wei  
Journal of Geophysical Research: Oceans 119 (10), 6933-6951
- [The relative importance of the wind-driven and tidal circulations in Malacca Strait](#) 2014  
H Chen, P Malanotte-Rizzoli, TY Koh, G Song  
Continental Shelf Research 88, 92-102
- [Coupling of a regional atmospheric model \(RegCM3\) and a regional oceanic model \(FVCOM\) over the maritime continent](#) 2014  
J Wei, P Malanotte-Rizzoli, EAB Eltahir, P Xue, D Xu  
Climate dynamics 43, 1575-1594
- [Diagnosis of physical and biological control over phytoplankton in the Gulf of Maine-Georges Bank region using an adjoint data assimilation approach](#) 2014  
C Wang, P Malanotte-Rizzoli  
Journal of Ocean University of China 13, 356-368
- [Physical forcing and physical/biochemical variability of the Mediterranean Sea: a review of unresolved issues and directions for future research](#) 2014  
P Malanotte-Rizzoli, V Artale, GL Borzelli-Eusebi, S Brenner, A Crise, ...  
Ocean Science 10 (3), 281-322
- [Inter-annual variability and dynamics of cold-tongue in the South China Sea](#) 2014  
B Thompson, P Tkalich, P Malanotte-Rizzoli  
EGU General Assembly Conference Abstracts, 4690
- [Introduction to The Mediterranean Sea: Temporal Variability and Spatial Patterns](#) 2014  
GLE Borzelli, P Malanotte-Rizzoli, M Gačić, P Lionello  
The Mediterranean Sea: Temporal Variability and Spatial Patterns, 1-3
- [Diagnosis of physical and biological controls on phytoplankton distribution in the Sargasso Sea](#) 2014  
C Wang, P Malanotte-Rizzoli  
Journal of Ocean University of China 13, 32-44
- [Introduction to The Mediterranean Sea](#) 2014  
GLE Borzelli, P Malanotte Rizzoli, M Gačić, P Lionello  
The Mediterranean Sea: Temporal Variability and Spatial Patterns, 1-3

- [The seasonal variation of the upper layers of the South China Sea \(SCS\) circulation and the Indonesian through flow \(ITF\): An ocean model study](#) 2013  
D Xu, P Malanotte-Rizzoli  
Dynamics of Atmospheres and Oceans 63, 103-130
- [Nonlinear radiating instability of a barotropic eastern boundary current](#) 2013  
J Wang, MA Spall, GR Flierl, P Malanotte-Rizzoli  
Journal of physical oceanography 43 (7), 1439-1452
- [Storm surges in the Singapore Strait due to winds in the South China Sea](#) 2013  
P Tkalich, P Vethamony, MT Babu, P Malanotte-Rizzoli  
Natural hazards 66, 1345-1362
- [Physical forcing and physical/biochemical variability of the Mediterranean Sea: a review of unresolved issues and directions for future research](#) 2012  
P Malanotte
- [A new mechanism for the generation of quasi-zonal jets in the ocean](#) 2012  
J Wang, MA Spall, GR Flierl, P Malanotte-Rizzoli  
Geophysical research letters 39 (10)
- [The forced and free response of the South China Sea to the large-scale monsoon system](#) 2012  
H Chen, P Tkalich, P Malanotte-Rizzoli, J Wei  
Ocean Dynamics 62, 377-393
- [Box modeling of the Eastern Mediterranean sea](#) 2012  
Y Ashkenazy, PH Stone, P Malanotte-Rizzoli  
Physica A: Statistical Mechanics and its applications 391 (4), 1519-1531
- [Physical forcing and physical/biogeochemical variability of the Mediterranean Sea: a review of unresolved issues and directions for future research](#) 2012  
P Malanotte-Rizzoli  
Centro Oceanográfico de A Coruña
- [Data Analysis and Numerical Modeling of Sea Level Anomalies in the South China Sea](#) 2011  
C Haoliang, P Tkalich, P Malanotte-Rizzoli  
Proceedings of the 34th World Congress of the International Association for ...
- [The various components of the circulation in the Singapore Strait Region: tidal, wind and eddy-driven circulations and their relative importance](#) 2010  
H Chen, J Wei, P Tkalich, P Malanotte-Rizzoli  
ISOPE International Ocean and Polar Engineering Conference, ISOPE-I-10-468
- [Multi-layer model simulation and data assimilation in the Serangoon Harbor of Singapore](#) 2010  
J Wei, H Zheng, H Chen, BH Ooi, MH Dao, W Cho, P Malanotte-Rizzoli, ...  
ISOPE International Ocean and Polar Engineering Conference, ISOPE-I-10-227
- [The circulation of the Mediterranean Sea: a historical review of experimental investigations](#) 2010  
A Bergamasco, P Malanotte-Rizzoli  
Advances in Oceanography and Limnology. 1 (1), 11-28
- [Case study of phytoplankton blooms in Serangoon Harbor of Singapore](#) 2010  
BH Ooi, H Zheng, KP Yue, H Kurniawati, P Sundarambal, MH Dao, ...  
OCEANS'10 IEEE SYDNEY, 1-6

- [Validation and application of an ensemble Kalman filter in the Selat Pauh of Singapore](#)  
J Wei, P Malanotte-Rizzoli 2010  
Ocean Dynamics 60, 395-401
- [Multi-vehicle oceanographic feature exploration](#)  
BH Ooi, H Zheng, H Kurniawati, W Cho, NM Patrikalakis, MH Dao, ... 2009  
ISOPE International Ocean and Polar Engineering Conference, ISOPE-I-09-501
- [Application and comparison of Kalman filters for coastal ocean problems: an experiment with FVCOM](#)  
C Chen, P Malanotte-Rizzoli, J Wei, RC Beardsley, Z Lai, P Xue, S Lyu, ... 2009  
Journal of Geophysical Research: Oceans 114 (C5)
- [Sea Level Anomalies in the Singapore Strait due to Storm Surges of the South China Sea: The Monsoon Regimes](#)  
P Tkalich, P Vethamony, MT Babu, P Malanotte-Rizzoli, P Zemskyy 2009  
Journal of Geophysical Research
- [An OSSE study of the ensemble Kalman filter in the Gulf of Maine: Perfect and Imperfect model experiments](#)  
J Wei, P Malanotte-Rizzoli, C Chen, RC Beardsley 2008
- [Watersheds, Bays, and Bounded Seas: the science and management of semi-enclosed marine systems](#)  
ER Urban Jr, B Sundby, P Malanotte-Rizzoli, JM Melillo 2008  
Scientific Committee on Problems of the Environment (SCOPE) Series
- [Mediterranean climate variability](#)  
P Lionello, P Malanotte-Rizzoli, R Boscolo 2006  
Elsevier
- [Forecasting a Large Marine Ecosystem](#)  
V Shannon, G Hempel, P Malanotte-Rizzoli, C Moloney, J Woods 2006  
Benguela: Predicting a Large Marine Ecosystem, 387
- [Forecasting Within the Context of Large Marine Ecosystems Programs](#)  
V Shannon, G Hempel, P Malanotte-Rizzoli, C Moloney, J Woods 2006  
Benguela: Predicting a Large Marine Ecosystem, 11
- [Benguela: predicting a large marine ecosystem](#)  
V Shannon, G Hempel, C Moloney, JD Woods, P Malanotte-Rizzoli 2006  
Elsevier
- [The levantine intermediate water experiment \(LIWEX\) group: Levantine basin-A laboratory for multiple water mass formation processes \(vol 111, pg 8101, 2006\)](#)  
P Malanotte-Rizzoli 2006  
JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS 111 (C 7)
- [Publisher's correction to "The Levantine Intermediate Water Experiment \(LIWEX\) Group: Levantine basin—A laboratory for multiple water mass formation processes."](#)  
P Malanotte-Rizzoli 2006  
J. Geophys. Res 111, C07099
- [US Data Assimilation in Ocean Research](#)  
PFJ Lermusiaux, P MALANOTTE, DS RIZZOLI, J Carton, J Cummings, ... 2006  
Oceanography 19 (1), 172

- [The Mediterranean climate: an overview of the main characteristics and issues, Developments in earth and environmental sciences, 4, 1–26](#) 2006  
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...
- [The Mediterranean climate: An overview of the main characteristics and issues, Dev. Earth Environ. Sci., 4, 1–26](#) 2006  
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...
- [Forecasting low oxygen water \(LOW\) variability in the Benguela System](#) 2006  
PMS Monteiro, AK van der Plas, GW Bailey, P Malanotte-Rizzoli, ...  
Benguela: Predicting a Large Marine Ecosystem, edited by: Shannon, V ...
- [Developments in earth and environmental sciences](#) 2006  
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...  
Mediterranean climate variability. Elsevier
- [Benguela: Predicting a Large Marine Ecosystem. Large Marine Ecosystems, Volume 14](#) 2006  
V Shannon, G Hempel, P Malanotte-Rizzoli, C Moloney, J Woods  
Elsevier Science & Technology
- [Changes in the oceanography of the Mediterranean Sea and their link to climate variability](#) 2006  
MN Tsimplis, V Zervakis, SA Josey, EL Peneva, MV Struglia, EV Stanev, ...  
Developments in Earth and Environmental Sciences 4, 227-282
- [5 Low oxygen water \(LOW\) variability in the Benguela system: Key processes and forcing scales relevant to forecasting](#) 2006  
PMS Monteiro, AK van der Plas  
Large marine ecosystems 14, 71-90
- [The Mediterranean climate: an overview of the main characteristics and issues](#) 2006  
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...  
Developments in earth and environmental sciences 4, 1-26
- [The Atlantic and Mediterranean Sea as connected systems](#) 2006  
V Artale, S Calmanti, P Malanotte-Rizzoli, G Pisacane, V Rupolo, ...  
Developments in earth and environmental sciences 4, 283-323
- [13 Low Oxygen Water \(LOW\) forcing scales amenable to forecasting in the Benguela ecosystem](#) 2006  
PMS Monteiro, AK van der Plas, GW Bailey, P Malanotte-Rizzoli, ...  
Large Marine Ecosystems 14, 295-308
- [MEDCLIVAR: Mediterranean CLimate VARIability and predictability project](#) 2006  
P Lionello, P Malanotte-Rizzoli, P Alpert, V Artale, R Boscolo, ...  
PAGES News/CLIVAR Exchanges 13, 3-5
- [Decadal variability of shallow cells and equatorial sea surface temperature in a numerical model of the Atlantic](#) 2005  
J Kröger, AJ Busalacchi, J Ballabrera-Poy, P Malanotte-Rizzoli  
Journal of Geophysical Research: Oceans 110 (C12)
- [Comments on " A new theory for the generation of the equatorial subsurface countercurrents"-Reply](#) 2005  
M Jochum, P Malanotte-Rizzoli  
Journal of Physical Oceanography 35 (8), 1497-1500

- [The impact of horizontal resolution on the tropical heat budget in an Atlantic Ocean model](#) 2005  
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli  
Journal of climate 18 (6), 841-851
- [The impact of horizontal resolution on the equatorial mixed layer heat budget in ocean general circulation models](#) 2005  
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli  
J. Climate 18, 841-851
- [Autobiographical Sketches of Women in Oceanography](#) 2005  
KL Daly  
Oceanography 18 (1)
- [The impact of tropical instability waves on the equatorial mixed layer heat budget](#) 2004  
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli, A Busalacchi  
AGU Spring Meeting Abstracts 2004, OS34A-05
- [A new theory for the generation of the equatorial subsurface countercurrents](#) 2004  
M Jochum, P Malanotte-Rizzoli  
Journal of physical oceanography 34 (4), 755-771
- [The spatial-temporal structure of the north equatorial countercurrent at 35° W.](#) 2004  
DF Urbano, M Jochum, ICA Silveira, P Malanotte-Rizzoli  
resumos
- [Internal variability of the tropical Atlantic Ocean](#) 2004  
M Jochum, R Murtugudde, P Malanotte-Rizzoli, AJ Busalacchi  
Geophysical Monograph Series 147, 181-188
- [Tropical instability waves in the Atlantic Ocean](#) 2004  
M Jochum, P Malanotte-Rizzoli, A Busalacchi  
Ocean Modelling 7 (1-2), 145-163
- [A comparison of assimilation results from the ensemble Kalman Filter and a reduced-rank extended Kalman Filter](#) 2003  
X Zang, P Malanotte-Rizzoli  
Nonlinear Processes in Geophysics 10 (6), 477-491
- [The Predictability of the Wind-Driven Ocean Circulation Investigated Through Data Assimilation](#) 2003  
P Malanotte-Rizzoli, ...
- [Climatic warming and accompanying changes in the ecological regime of the Black Sea during 1990s](#) 2003  
T Oguz, T Cokacar, P Malanotte-Rizzoli, HW Ducklow  
Global Biogeochemical Cycles 17 (3)
- [The Levantine Intermediate Water Experiment \(LIWEX\) Group: Levantine basin—A laboratory for multiple water mass formation processes](#) 2003  
P Malanotte-Rizzoli, BB Manca, S Marullo, M Ribera d'Alcala', W Roether, ...  
Journal of Geophysical Research: Oceans 108 (C9)
- [Introduction to special section: Physical and biochemical evolution of the eastern Mediterranean in the 1990s \(PBE\)](#) 2003  
P Malanotte-Rizzoli

- Journal of Geophysical Research: Oceans 108 (C9)  
[Reduced-rank Kalman filters applied to an idealized model of the wind-driven ocean circulation](#) 2003  
M Buehner, P Malanotte-Rizzoli
- Journal of Geophysical Research: Oceans 108 (C6)  
[On the generation of North Brazil Current rings](#) 2003  
M Jochum, P Malanotte-Rizzoli
- Journal of Marine research 61 (2), 147-173  
[Interhemispheric Water Exchange in the Atlantic Ocean](#) 2003  
L Stramma, J Fischer, P Brandt, F Schott, GJ Goni, P Malanotte-Rizzoli  
Elsevier Oceanography Series, Elsevier, Amsterdam
- [Introduction to special section: Physical and biochemical evolution of the eastern Mediterranean in the 1990s \(PBE\)\(DOI 10.1029/2003JC002063\)](#) 2003  
P Malanotte-Rizzoli  
JOURNAL OF GEOPHYSICAL RESEARCH-ALL SERIES- 108 (9; SECT 3), PBE 1-PBE 1
- [The flow of AAIW along the equator](#) 2003  
M Jochum, P Malanotte-Rizzoli  
Elsevier Oceanography Series 68, 193-212
- [Special Sections: Physical and Biochemical Evolution of the Eastern Mediterranean in the '90s \(PBE\)-PBE 1. Introduction to special section: Physical and biochemical evolution of ...](#) 2003  
P Malanotte-Rizzoli  
Journal of Geophysical Research-Part C-Oceans 108 (9)
- [Estimation of the tropical Atlantic circulation from altimetry data using a reduced-rank stationary Kalman filter](#) 2003  
M Buehner, P Malanotte-Rizzoli, A Busalacchi, T Inui  
Elsevier Oceanography Series 68, 49-92
- [Long-term sustained observing system for climatic variability studies in the Mediterranean](#) 2003  
A Theocharis, AA Fattah, M Astraldi, R Boscolo, H Bryden, G Civitarese, ...  
Elsevier Oceanography Series 69, 78-86
- [Assessment of mesoscale eddy parameterizations for a single-basin coarse-resolution ocean model](#) 2002  
M Soloviev, PH Stone, P Malanotte-Rizzoli  
Journal of Geophysical Research: Oceans 107 (C9), 9-1-9-19
- [Observing the Tropical Instability Waves in the Atlantic Ocean](#) 2002  
M Jochum, P Malanotte-Rizzoli, A Busalacchi, N Hogg  
Exchanges, 18
- [Seasonality of the ventilation of the tropical Atlantic thermocline in an ocean general circulation model](#) 2002  
A Lazar, T Inui, P Malanotte-Rizzoli, AJ Busalacchi, L Wang, ...  
Journal of Geophysical Research: Oceans 107 (C8), 18-1-18-17
- [Wind stress effects on subsurface pathways from the subtropical to tropical Atlantic](#) 2002

- T Inui, A Lazar, P Malanotte-Rizzoli, A Busalacchi  
Journal of physical oceanography 32 (8), 2257-2276  
[The role of mesoscale processes controlling biological variability in the Black Sea coastal waters: inferences from SeaWIFS-derived surface chlorophyll field](#) 2002
- T Oguz, AG Deshpande, P Malanotte-Rizzoli  
Continental Shelf Research 22 (10), 1477-1492  
[The predictability of large-scale wind-driven flows](#) 2002
- A Mahadevan, J Lu, SP Meacham, P Malanotte-Rizzoli  
Nonlinear Processes in Geophysics 9, 173-173  
[Erratum: The predictability of large-scale wind-drive flows](#) 2002
- A Mahadevan, J Lu, SP Meacham, P Malanotte-Rizzoli  
Nonlinear Processes in Geophysics 9 (2), 173-173  
[The Dynamics of The Tsuchyia Jets and Their Role For The Moc](#) 2002
- M Jochum, P Malanotte-Rizzoli  
EGS General Assembly Conference Abstracts, 2540  
[Towards Implementing A Fully Nonlinear Filter: An Ensemble Approach For An Idealized Wind-driven Circulation Model](#) 2002
- X Zang, P Malanotte-Rizzoli  
EGS General Assembly Conference Abstracts, 1486  
[Interdisciplinary studies integrating the Black Sea biogeochemistry and circulation dynamics](#) 2002
- T Oguz, P Malanotte-Rizzoli, HW Ducklow, JW Murray  
OCEANOGRAPHY-WASHINGTON DC-OCEANOGRAPHY SOCIETY- 15 (3), 4-11  
[The predictability of large-scale wind-driven flows](#) 2001
- A Mahadevan, J Lu, SP Meacham, P Malanotte-Rizzoli  
Nonlinear Processes in Geophysics 8 (6), 449-465  
[Simulations of phytoplankton seasonal cycle with multi-level and multi-layer physical-ecosystem models: the Black Sea example](#) 2001
- T Oguz, P Malanotte-Rizzoli, HW Ducklow  
Ecological Modelling 144 (2-3), 295-314  
[Influence of the meridional overturning circulation on tropical-subtropical pathways](#) 2001
- M Jochum, P Malanotte-Rizzoli  
Journal of Physical Oceanography 31 (5), 1313-1323  
[Modeling the response of top-down control exerted by gelatinous carnivores on the Black Sea pelagic](#) 2001
- P Malanotte-Rizzoli  
JOURNAL OF GEOPHYSICAL RESEARCH 106 (C3), 4543-4564  
[Modeling the response of top-down control exerted by gelatinous carnivores on the Black Sea pelagic food web](#) 2001
- T Oguz, HW Ducklow, JE Purcell, P Malanotte-Rizzoli  
Journal of Geophysical Research: Oceans 106 (C3), 4543-4564  
[Bacterial consumption of DOC during transport through a temperate estuary](#) 2001
- T Oguz, HW Ducklow, JE Purcell, P Malanotte-Rizzoli  
Journal Of Geophysical Research-Oceans 106 (C3), 4543



- [Currents systems in the Mediterranean Sea](#)  
P Malanotte-Rizzoli  
Academic Press 2001
- [COASTAL TOPOGRAPHY, HUMAN IMPACT ON](#)  
DA Greenberg, MT Power, NS Heaps, DR Lynch, AM Davies, ... 2001
- [Modeling distinct vertical biogeochemical structure of the Black Sea: Dynamical coupling of the oxic, suboxic, and anoxic layers](#)  
T Oguz, HW Ducklow, P Malanotte-Rizzoli  
Global Biogeochemical Cycles 14 (4), 1331-1352 2000
- [Model evaluation experiments in the North Atlantic Basin: simulations in nonlinear terrain-following coordinates](#)  
DB Haidvogel, HG Arango, K Hedstrom, A Beckmann, P Malanotte-Rizzoli, ...  
Dynamics of atmospheres and oceans 32 (3-4), 239-281 2000
- [Water mass pathways between the subtropical and tropical ocean in a climatological simulation of the North Atlantic ocean circulation](#)  
P Malanotte-Rizzoli, K Hedstrom, H Arango, DB Haidvogel  
Dynamics of Atmospheres and Oceans 32 (3-4), 331-371 2000
- [Simulations of biological production in the Rhodes and Ionian basins of the eastern Mediterranean](#)  
E Napolitano, T Oguz, P Malanotte-Rizzoli, A Yilmaz, E Sansone  
Journal of Marine Systems 24 (3-4), 277-298 2000
- [Ocean circulation model evaluation experiments for the North Atlantic basin](#)  
EP Chassignet, P MALANOTTE-RIZZOLI  
Dynamics of atmospheres and oceans 32 (3-4) 2000
- [3.1 RECENT EXPERIENCE WITH PRACTICAL OCEAN DATA ASSIMILATION](#)  
P Malanotte-Rizzoli, C Wunsch, N David Behringer, NM Rienecker 2000
- [An assessment of the Geophysical Fluid Dynamics Laboratory ocean model with coarse resolution: Annual-mean climatology](#)  
S Jiang, PH Stone, P Malanotte-Rizzoli  
Journal of Geophysical Research: Oceans 104 (C11), 25623-25645 1999
- [Investigation of Model Sensitivities and Model Errors With Relation to Data Assimilation Systems](#)  
P Malanotte-Rizzoli, ... 1999
- [On the predictability of regional oceanic jet stream: The impact of model errors at the inflow boundary](#)  
S Jiang, P Malanotte-Rizzoli  
Journal of marine research 57 (4), 641-669 1999
- [The Eastern Mediterranean in the 80s and in the 90s: the big transition in the intermediate and deep circulations](#)  
P Malanotte-Rizzoli, BB Manca, MR d'Alcala, A Theocharis, S Brenner, ...  
Dynamics of Atmospheres and Oceans 29 (2-4), 365-395 1999
- [A physical–biochemical model of plankton productivity and nitrogen cycling in the Black Sea](#)  
T Oguz, HW Ducklow, P Malanotte-Rizzoli, JW Murray, EA Shushkina, ... 1999

- Deep Sea Research Part I: Oceanographic Research Papers 46 (4), 597-636
- [The sea surface temperature field in the Eastern Mediterranean from advanced very high resolution radiometer \(AVHRR\) data: Part I. Seasonal variability](#) 1999  
S Marullo, R Santoleri, P Malanotte-Rizzoli, A Bergamasco  
Journal of Marine Systems 20 (1-4), 63-81
- [The sea surface temperature field in the Eastern Mediterranean from advanced very high resolution radiometer \(AVHRR\) data: Part II. Interannual variability](#) 1999  
S Marullo, R Santoleri, P Malanotte-Rizzoli, A Bergamasco  
Journal of Marine Systems 20 (1-4), 83-112
- [Modeling dense water mass formation and winter circulation in the northern and central Adriatic Sea](#) 1999  
A Bergamasco, T Oguz, P Malanotte-Rizzoli  
Journal of Marine Systems 20 (1-4), 279-300
- [Comparative analysis of sedimentation processes within the Black Sea and Eastern Mediterranean AY Mitropolsky, SP Olshtynsky Institute of Geological Sciences NAS, Kiev, Ukraine ...](#) 1999  
P Malanotte-Rizzoli, VN Eremeev  
The Eastern Mediterranean as a Laboratory Basin for the Assessment of ...
- [MODELING PLANKTON PRODUCTION IN THE EASTERN MEDITERRANEAN: APPLICATION OF A 1-D VERTICALLY-RESOLVED PHYSICAL-BIOLOGICAL MODEL TO THE IONIAN AND RHODES BASINS](#) 1999  
E NAPOLITANO<sup>1</sup>, T OGUZ, P MALANOTTE-RIZZOLI, E SANSONE<sup>1</sup>  
The Eastern Mediterranean as a Laboratory Basin for the Assessment of ...
- [The Eastern Mediterranean as a laboratory basin for the assessment of contrasting ecosystems](#) 1999  
P Malanotte-Rizzoli, VN Eremeev  
Springer Science & Business Media  
[and Mary, Gloucester Point, VA, USA](#)
- P MALANOTTE-RIZZOLI 1999  
Environmental Degradation of the Black Sea: Challenges and Remedies 56, 197
- [The Eastern Mediterranean in the 80's and in the 90's: the big transition emerged from the POEM-BC observational evidence](#) 1999  
P Malanotte-Rizzoli, B Manca, MR d'Alcala, A Theocharis  
The Eastern Mediterranean as a Laboratory Basin for the Assessment of ...
- [Oceanographic Data Assimilation in the 1990s: Overview, Motivation and Purposes](#) 1999  
P Malanotte-Rizzoli  
Naval Research Reviews 51 (2), 39-52
- [The Eastern Mediterranean as a laboratory basin for the assessment of contrasting ecosystems. Proceedings](#) 1999  
P Malanotte-Rizzoli, VN Eremeev  
Dordrecht (Netherlands) Kluwer Academic Pub./NATO Scientific Affairs Div.
- [Modeling Plankton Production in the Eastern Mediterranean: Application of a 1-D Vertically-Resolved Physical-Biological Model to the Ionian and Rhodes Basins](#) 1999  
E Napolitano, T Oguz, P Malanotte-Rizzoli, E Sansone

- The Eastern Mediterranean as a Laboratory Basin for the Assessment of ...  
[Modeling the Black Sea Pelagic Ecosystem and Biogeochemical Structure: A Synthesis of Recent Activities](#) 1999  
 T Oguz, U Unluata, HW Ducklow, P Malanotte-Rizzoli  
 Environmental Degradation of the Black Sea: Challenges and Remedies, 197-223
- [Simulations of the Black Sea pelagic ecosystem by 1-D, vertically resolved, physical–biochemical models](#) 1998  
 T Oguz, HW Ducklow, P MALANOTTE-RIZZOLI, JW Murray  
 Fisheries Oceanography 7 (3-4), 300-304
- [Inverse modeling of seasonal variations in the North Atlantic Ocean](#) 1998  
 L Yu, P Malanotte-Rizzoli  
 Journal of physical oceanography 28 (5), 902-922
- [A synthesis of the Ionian Sea hydrography, circulation and water mass pathways during POEM-phase I](#) 1998  
 P Malanotte-Rizzoli, BB Manca, MR D'Alcala  
 Oceanographic Literature Review 8 (45), 1298
- [Gulf Stream system assimilation experiments: A sensitivity study](#) 1997  
 P Malanotte-Rizzoli, RE Young  
 Journal of Atmospheric and Oceanic Technology 14 (6), 1392-1408
- [Data Assimilation and Model Evaluation Experiment: North Atlantic Basin](#) 1997  
 S Glenn, DB Haidvogel, M Iskandarani, P Malanotte-Rizzoli, ...
- [Simulation of upper layer biochemical structure in the Black Sea](#) 1997  
 T Oguz, H Ducklow, EA Shushkina, P Malanotte-Rizzoli, S Tugrul, ...
- [General circulation of the upper ocean](#) 1997  
 P MALANOTTE-RIZZOLI  
 IOC Workshop Report
- [A methodology for the construction of a hierarchy of Kalman filters for nonlinear primitive equation models](#) 1997  
 P Malanotte-Rizzoli, I Fukumori, RE Young  
 Oceanographic Literature Review 6 (44), 537
- [Recirculation gyres forced by a beta-plane jet](#) 1997  
 SR Jayne, NG Hogg, P Malanotte-Rizzoli  
 Oceanographic Literature Review 1 (44), 17
- [Assimilation studies of open-ocean flows 2. Error measures with strongly nonlinear dynamics](#) 1997  
 JR Gunson, P Malanotte-Rizzoli  
 Oceanographic Literature Review 7 (44), 670
- [Assimilation studies of open-ocean flows 1. Estimation of initial and boundary conditions](#) 1997  
 JR Gunson, P Malanotte-Rizzoli  
 Oceanographic Literature Review 7 (44), 671
- [Analysis of the North Atlantic climatologies using a combined OGCM/adjoint approach](#) 1997  
 Y Lisan, P Malanotte-Rizzoli  
 Oceanographic Literature Review 5 (44), 417

- [Experiment in eastern Mediterranean probes origin of deep water masses](#)  
P Malanotte-Rizzoli, AR Robinson, W Roether 1997  
Oceanographic Literature Review 1 (44), 9
- [The oceanographic data assimilation problem: overview, motivation and purposes](#)  
P Malanotte-Rizzoli, E Tziperman 1997  
Oceanographic Literature Review 6 (44), 654
- [A synthesis of the Ionian Sea hydrography, circulation and water mass pathways during POEM-Phase I](#)  
P Malanotte-Rizzoli, BB Manca, MR d'Alcalà, A Theocharis, ... 1997  
Progress in Oceanography 39 (3), 153-204
- [Towards coupling three dimensional eddy resolving general circulation and biochemical models in the Black Sea](#)  
T Oğuz, P Malanotte-Rizzoli, H Ducklow 1997  
Sensitivity to Change: Black Sea, Baltic Sea and North Sea, 469-485
- [Assimilation studies of open-ocean flows: 2. Error measures with strongly nonlinear dynamics](#)  
JR Gunson, P Malanotte-Rizzoli 1996  
Journal of Geophysical Research: Oceans 101 (C12), 28473-28488
- [Assimilation studies of open-ocean flows: 1. Estimation of initial and boundary conditions](#)  
JR Gunson, P Malanotte-Rizzoli 1996  
Journal of Geophysical Research: Oceans 101 (C12), 28457-28472
- [Analysis of the North Atlantic climatologies using a combined OGCM/adjoint approach](#)  
L Yu, P Malanotte-Rizzoli 1996  
Journal of marine research 54 (5), 867-913
- [Experiment in Eastern Mediterranean probes origin of deep water masses](#)  
P Malanotte-Rizzoli, AR Robinson, W Roether, B Manca, A Bergamasco, ... 1996  
Eos, Transactions American Geophysical Union 77 (32), 305-311
- [Seasonal variability of wind and thermohaline-driven circulation in the Black Sea: Modeling studies](#)  
T Oguz, P Malanotte-Rizzoli 1996  
Journal of Geophysical Research: Oceans 101 (C7), 16551-16569
- [Simulation of annual plankton productivity cycle in the Black Sea by a one-dimensional physical-biological model](#)  
T Oguz, H Ducklow, P Malanotte-Rizzoli, S Tugrul, NP Nezlin, U Unluata 1996  
Journal of Geophysical Research: Oceans 101 (C7), 16585-16599
- [Modern approaches to data assimilation in ocean modeling](#)  
P Malanotte-Rizzoli 1996  
Elsevier
- [Recirculation gyres forced by a beta-plane jet](#)  
SR Jayne, NG Hogg, P Malanotte-Rizzoli 1996  
Journal of physical oceanography 26 (4), 492-504
- [Open-ocean boundary conditions from interior data: Local and remote forcing of Massachusetts Bay](#)  
1996

- PS Bogden, P Malanotte-Rizzoli, R Signell  
Journal of Geophysical Research: Oceans 101 (C3), 6487-6500  
[Assimilation of global versus local data sets into a regional model of the Gulf Stream system 1. Data effectiveness](#) 1996  
P Malanotte-Rizzoli, RE Young  
Oceanographic Literature Review 8 (43), 753
- [A methodology for the construction of a hierarchy of Kalman filters for nonlinear primitive equation models](#) 1996  
P Malanotte-Rizzoli, I Fukumori, RE Young  
Elsevier Oceanography Series 61, 297-317
- [The oceanographic data assimilation problem: overview, motivation and purposes](#) 1996  
P Malanotte-Rizzoli, E Tziperman  
Elsevier Oceanography Series 61, 3-17
- [Assimilation of global versus local data sets into a regional model of the Gulf Stream system: 1. Data effectiveness](#) 1995  
P Malanotte-Rizzoli, RE Young  
Journal of Geophysical Research: Oceans 100 (C12), 24773-24796
- [Assimilation of Altimeter Data into a Quasigeostrophic Model of the Gulf Stream System Part II: Assimilation Results](#) 1995  
A Capotondi, WR Holland, P Malanotte-Rizzoli  
Journal of physical oceanography 25 (6), 1153-1173
- [Assimilation of Altimeter Data into a Quasigeostrophic Model of the Gulf Stream System Part I: Dynamical Considerations](#) 1995  
A Capotondi, P Malanotte-Rizzoli, WR Holland  
Journal of physical oceanography 25 (6), 1130-1152
- [Wind and thermohaline circulation of the Black Sea driven by yearly mean climatological forcing](#) 1995  
T Oguz, P Malanotte-Rizzoli, D Aubrey  
Journal of Geophysical Research: Oceans 100 (C4), 6845-6863
- [An approximate Kaiman filter for ocean data assimilation: An example with an idealized Gulf Stream model](#) 1995  
I Fukumori, P Malanotte-Rizzoli  
Journal of Geophysical Research: Oceans 100 (C4), 6777-6793
- [Stochastic wave radiation by the Gulf Stream: Numerical experiments](#) 1995  
P Malanotte-Rizzoli, NG Hoggi, RE Young  
Deep Sea Research Part I: Oceanographic Research Papers 42 (3), 389-423
- [Experiment evaluates ocean models and data assimilation in the Gulf Stream](#) 1994  
RC Willems, SM Glenn, MF Crowley, P Malanotte-Rizzoli, RE Young, ...  
Eos, Transactions American Geophysical Union 75 (34), 385-394
- [The eddy radiation field of the Gulf Stream as measured by ocean acoustic tomography](#) 1994  
D Chester, P Malanotte-Rizzoli, J Lynch, C Wunsch  
Geophysical research letters 21 (3), 181-184
- [AS A PROTOTYPE OF CONVECTION AND WATER](#) 1994  
P Malanotte-Rizzoli

The General Circulation of the Oceans, 269  
[The general circulation of the oceans](#)  
P Malanotte-Rizzoli 1994  
(No Title)

[A Modeling Perspective](#)  
P MALANOTTE-RIZZOLI 1994  
The Oceans: Physical-chemical Dynamics and Human Impact 20, 108

[Modeling the general circulation of the Mediterranean](#)  
P Malanotte-Rizzoli 1994  
Ocean Processes in Climate Dynamics: Global and Mediterranean Examples, 307-321

[Data assimilation: fundamentals, global and Mediterranean examples](#)  
P Malanotte-Rizzoli 1994  
Ocean Processes in Climate Dynamics: Global and Mediterranean Examples, 323-354

[The eastern Mediterranean Sea: an overview](#)  
P Malanotte-Rizzoli 1994  
The general circulation of the oceans. Summer school on environmental ...

[Ocean Processes in Climate Dynamics: global and Mediterranean examples:\[proceedings of the NATO Advanced StudyInstitute... Erice, Italy, January 20-February 2, 1993\]](#)  
P Malanotte-Rizzoli, AR Robinson 1994  
Springer Science & Business Media

[Sensitivity Study of the SPEM Model to the Assimilation of Synop Datasets Using Two Assimilation Schemes:\(1\) Nudging \(2\) The Kalman Filter/Smoothing](#)  
P Malanotte-Rizzoli, MASSACHUSETTS INST OF TECH CAMBRIDGE 1993

[Mediterranean and global ocean and climate dynamics](#)  
AR Robinson, CJ Garrett, P Malanotte-Rizzoli, S Manabe, SG Philander, ... 1993  
Eos, Transactions American Geophysical Union 74 (44), 506-507

[THE NORTH ATLANTIC CURRENT SYSTEM: A SCIENTIFIC REPORT](#)  
P Malanotte-Rizzoli, T Rossby 1993

[The North Atlantic current system: a scientific report, 19-20 April 1993, Woods Hole Oceanographic Institution, Woods Hole, MA 02543](#)  
P Malanotte-Rizzoli, HT Rossby 1993  
Woods Hole Oceanographic Institution

[Physical oceanography of the eastern Mediterranean sea](#)  
AR Robinson, P Malanotte-Rizzoli 1993  
Pergamon Press

[The seasonal steady circulation of the Eastern Mediterranean determined with the adjoint method](#)  
A Bergamasco, P Malanotte-Rizzoli, WC Thacker, RB Long 1993  
Deep Sea Research Part II: Topical Studies in Oceanography 40 (6), 1269-1298

[Persistent jet stream intensifications: A comparison between theory and data](#)  
K Haines, P Malanotte-Rizzoli, M Morgan 1993  
Journal of the atmospheric sciences 50 (1), 145-154

- [Sensitivity study of the SPEM model to the assimilation of synop datasets using two assimilation schemes. 1: Nudging. 2: The Kalman filter/smoothen\(M. S. Thesis Final Report, 1 ...](#) 1993  
P MALANOTTE-RIZZOLI
- [A comparison of two methods for the assimilation of altimeter data into a shallow-water model](#) 1993  
K Haines, P Malanotte-Rizzoli, RE Young, WR Holland  
Dynamics of atmospheres and oceans 17 (2-3), 89-133
- [How useful are localized clusters of traditional oceanographic measurements for data assimilation?](#) 1992  
P Malanotte-Rizzoli, RE Young  
Dynamics of atmospheres and oceans 17 (1), 23-61
- [A tomographic view of mesoscale activity in the Gulf Stream southern recirculation gyre](#) 1992  
D Chester, P Malanotte-Rizzoli  
The Journal of the Acoustical Society of America 92 (4\_Supplement), 2326-2326
- [General circulation of the Eastern Mediterranean](#) 1992  
AR Robinson, P Malanotte-Rizzoli, A Hecht, A Michelato, W Roether, ...  
Earth-science reviews 32 (4), 285-309
- [MODELING THE GENERAL CIRCULATION OF THE MEDITERRANEAN SEA WITH EMPHASIS ON THE EASTERN BASIN](#) 1992  
P Malanotte-Rizzoli  
Assimilation in Coupled Air-Sea Nowcast/Forecast Systems Workshop, 143
- [IN METEOROLOGY AND OCEANOGRAPHY](#) 1992  
P MALANOTTE-RIZZOLI  
Advances in Geophysics, 141
- [The baroclinic general circulation of the eastern Mediterranean Sea](#) 1992  
P Malanotte-Rizzoli, A Bergamasco  
Bulletin de l'Institut océanographique (Monaco), 91-97
- [Circulation of the gyres of the world ocean: Observation modeling using TOPEX/Poseidon altimeter data](#) 1991  
LL Fu, V Zlotnicki, WR Holland, P Malanotte-Rizzoli  
TOPEX (Poseidon Science Investigations Plan
- [The climatological seasonal circulation of the Mediterranean Sea](#) 1991  
E Tziperman, P Malanotte-Rizzoli  
Journal of Marine Research 49 (3), 411-434
- [Acoustic tomography in the Straits of Florida](#) 1991  
DB Chester, P Malanotte-Rizzoli, H DeFerrari  
Journal of Geophysical Research: Oceans 96 (C4), 7023-7048
- [The wind and thermally driven circulation of the eastern Mediterranean Sea. Part II: The baroclinic case](#) 1991  
P Malanotte-Rizzoli, A Bergamasco  
Dynamics of Atmospheres and Oceans 15 (3-5), 355-419
- [Isolated anomalies in westerly jet streams: A unified approach](#) 1991  
K Haines, P Malanotte-Rizzoli

- Journal of Atmospheric Sciences 48 (4), 510-526  
[The Mediterranean Sea](#)  
 P Malanotte-Rizzoli, AR Robinson 1991  
 Elsevier
- [Data assimilation in meteorology and oceanography](#)  
 M Ghil, P Malanotte-Rizzoli 1991  
 Advances in geophysics 33, 141-266
- [The Northern Adriatic Sea as a prototype of convection and water mass formation on the continental shelf](#)  
 P Malanotte-Rizzoli 1991  
 Elsevier Oceanography Series 57, 229-239
- [The 1989–90 Gulf Stream tomographic experiment at 55° W](#)  
 P Malanotte-Rizzoli, D Chester, C Wunsch, J Lynch 1990  
 The Journal of the Acoustical Society of America 88 (S1), S118-S118
- [The Influence of a Steady Baroclinic Deep Ocean on the Shelf: The Vertically Well-Mixed Case](#)  
 P MALANOTTE-RIZZOLI 1990
- [The influence of a steady baroclinic deep ocean on the shelf: the vertically well-mixed case](#)  
 MR Vennell, P Malanotte-Rizzoli 1990  
 Journal of physical oceanography 20 (4), 489-505
- [The circulation of the eastern mediterranean. Part 1](#)  
 P Malanotte-Rizzoli, A Bergamasco 1989  
 Oceanologica acta 12 (4), 335-351
- [Assimilation of altimeter data into an ocean circulation model: Space versus time resolution studies](#)  
 WR Holland, P Malanotte-Rizzoli 1989  
 Journal of Physical Oceanography 19 (10), 1507-1534
- [Initialization and data assimilation experiments with a primitive equation model](#)  
 P Malanotte-Rizzoli, RE Young, DB Haidvogel 1989  
 Dynamics of atmospheres and oceans 13 (3-4), 349-378
- [Acoustic tomography in the Florida Strait: Temperature, current, and vorticity measurements](#)  
 DS Ko, HA DeFerrari, P Malanotte-Rizzoli 1989  
 Journal of Geophysical Research: Oceans 94 (C5), 6197-6211
- [The 1984 bottom-mounted Gulf Stream tomographic experiment](#)  
 Y Agnon, P Malanotte-Rizzoli, BD Cornuelle, JL Spiesberger, RL Spindel 1989  
 The Journal of the Acoustical Society of America 85 (5), 1958-1966
- [Principles of Ocean Physics](#)  
 P Malanotte-Rizzoli 1989  
 Eos, Transactions American Geophysical Union 70 (1), 4-4
- [Is the Atlantic Equatorial Thermocline Ventilated Only from the South?](#)  
 P Malanotte-Rizzoli 1989



- US WOCE Implementation Report 81 (12-13), 40
- [Numerical simulation of transient boundary-forced radiation. Part II: The modon regime](#)  
P Malanotte-Rizzoli, RE Young, DB Haidvogel 1988  
Journal of physical oceanography 18 (11), 1546-1569
- [Data constraints applied to models of the ocean general circulation. Part II: the transient, eddy-resolving case](#)  
P Malanotte-Rizzoli, WR Holland 1988  
Journal of physical oceanography 18 (8), 1093-1107
- [POEM: physical oceanography of the eastern Mediterranean](#)  
P Malanotte-Rizzoli, AR Robinson 1988  
Eos, Transactions American Geophysical Union 69 (14), 194-203
- [Coherent structures in a baroclinic atmosphere. Part IV: a comparison between theory and data](#)  
P Malanotte-Rizzoli, PJ Hancock 1987  
Journal of the atmospheric sciences 44 (17), 2506-2530
- [Nonlinear waves and coherent vortex structures in barotropic  \$\beta\$ -plane jets](#)  
GR Flierl, P Malanotte-Rizzoli, NJ Zabusky 1987  
Journal of Physical Oceanography 17 (9), 1408-1438
- [Coherent structures in a baroclinic atmosphere. Part III: Block formation and eddy forcing](#)  
P Malanotte-Rizzoli, P Malguzzi 1987  
Journal of the atmospheric sciences 44 (17), 2493-2505
- [Numerical simulation of transient boundary-forced radiation. Part I: The linear regime](#)  
P Malanotte-Rizzoli, BH Dale, RE Young 1987  
Journal of physical oceanography 17 (9), 1439-1457
- [Coastal flows driven by alongshore density gradients](#)  
R Vennell, P Malanotte-Rizzoli 1987  
Journal of physical oceanography 17 (6), 821-827
- [Space and time variability of the surface color field in the northern Adriatic Sea](#)  
V Barale, CR McClain, P Malanotte-Rizzoli 1986  
Journal of Geophysical Research: Oceans 91 (C11), 12957-12974
- [Data constraints applied to models of the ocean general circulation. Part I: The steady case](#)  
P Malanotte-Rizzoli, WR Holland 1986  
Journal of physical oceanography 16 (10), 1665-1682
- [A maximum-gradient inverse for the Gulf Stream system](#)  
BD Cornuelle, P Malanotte-Rizzoli 1986  
Journal of Geophysical Research: Oceans 91 (C9), 10566-10580
- [Long-range inversions for ocean acoustic tomography](#)  
P Malanotte-Rizzoli 1985  
Journal of Geophysical Research: Oceans 90 (C4), 7098-7116
- [Travel time and geometry of steep acoustic rays subject to Gulf Stream variability](#)  
JL Spiesberger, P Malanotte-Rizzoli, EB Welsh 1985

- The Journal of the Acoustical Society of America 78 (1), 260-263
- [Gyre-scale acoustic tomography: modeling simulations](#) 1985  
P Malanotte-Rizzoli, WR Holland  
Journal of physical oceanography 15 (4), 416-438
- [416 VOLUME 15 JOURNAL OF PHYSICAL OCEANOGRAPHY](#) 1985  
P MALANOTTE-RIZZOLI, WR HOLLAND  
Journal of Physical Oceanography 15, 416
- [Nonlinear stationary Rossby waves on nonuniform zonal winds and atmospheric blocking. Part I: The analytical theory](#) 1984  
P Malguzzi, P Malanotte-Rizzoli  
Journal of the atmospheric sciences 41 (17), 2620-2628
- [Boundary-forced nonlinear planetary radiation](#) 1984  
P Malanotte-Rizzoli  
Journal of physical oceanography 14 (6), 1032-1046
- [Coastal boundary layers in ocean modelling: an application to the Adriatic Sea](#) 1981  
P Malanotte Rizzoli, F Dell'Orto  
Il Nuovo Cimento C 4, 173-220
- [Wind wave prediction in the Northern Adriatic: the shallow boundary region along the Italian coastline](#) 1981  
P Malanotte Rizzoli, L Cavaleri, L Bertotti, A Bergamasco  
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l ...
- [A multi-layer model for the study of circulation and evolution of water mass properties in most general conditions](#) 1981  
A Bergamasco, PM Rizzoli+  
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l ...
- [Ecological modeling: the general methodological approach and its application to the Emilia-Romagna \[Italy\] coastal ecosystem](#) 1981  
P Malanotte Rizzoli, L Cavaleri, A Bergamasco, L Bertotti  
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l ...
- [Solitary Rossby waves over variable relief and their stability. Part I: the analytical theory](#) 1980  
PM Rizzoli, MC Hendershott  
Dynamics of Atmospheres and Oceans 4 (4), 247-260
- [Solitary Rossby waves over variable relief and their stability. Part II: Numerical experiments](#) 1980  
P Malanotte Rizzoli  
Dynamics of Atmospheres and Oceans 4 (4), 261-294
- [WIND WAVES MODELLING-ACTUAL APPROACHES](#) 1979  
L CAVALERI, PM RIZZOLI  
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l ...
- [Xoplaki., E.\(2006\) The Mediterranean climate, an overview of the main characteristics and issues](#)  
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...  
Mediterranean climate variability, 1-26

[Surges in the Singapore Strait due to winds in the South China Sea](#)

P Tkalich, P Vethamony, MT Babu, P Malanotte-Rizzoli

[The Eastern Mediterranean as a Laboratory Basin for the Assessment of Contrasting Ecosystems \[electronic resource\]](#)

P Malanotte-Rizzoli, VN Eremeev

Dordrecht: Springer Netherlands: Imprint: Springer,

[La grande scienza. Oceanologia](#)

P Malanotte-Rizzoli

[Theory and modeling of ocean circulation, data assimilation and interdisciplinary applications: a tribute to Professor Allan R. Robinson](#)

DB HAIDVOGEL, P MALANOTTE-RIZZOLI, DJ MCGILLICUDDY

[Recirculation Gyres Forced by a Beta-Plane Jet](#)

P MALANOTTE-RIZZOLI

[The Oceanographic Data Assimilation Problem: Overview, Motivation and](#)

P Malanotte-Rizzoli, E Tziperman<sup>o</sup>

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