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

Confronting racism to advance our science
P Zeitler, AP Barros, TW Becker, EA Davidson, BL Ehlmann, N Gruber, ...
AGU Advances 2 (1), e2020AV000296

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

Vertical profile of Makassar Throughflow
J Wei, P Malanotte-Rizzoli, AL Gordon, G Jiang
Ocean Sciences Meeting 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

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

Navigation Bar
GLE Borzelli, M Gačić, P Lionello, P Malanotte-Rizzoli

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

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

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

Regime shift of the South China Sea SST in the late 1990s
B Thompson, P Tkalich, P Malanotte-Rizzoli
Climate dynamics 48, 1873-1882

Venice and I: How a City Can Determine the Fate of a Career
P Malanotte-Rizzoli
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, MT Li, H Wang
Journal of Geophysical Research: Oceans 121 (11), 7953-7972
Opposite variability of Indonesian throughflow and South China Sea throughflow in the Sulawesi Sea
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
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
J Wei, D Wang, M Li, P Malanotte-Rizzoli
Climate Dynamics 44, 2463-2477

Paola Malanotte-Rizzoli
P Malanotte-Rizzoli
OCEANOGRAPHY 27 (4), 207-207

Local feedback mechanisms of the shallow water region around the Maritime Continent
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
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
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
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
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
B Thompson, P Tkalich, P Malanotte-Rizzoli
EGU General Assembly Conference Abstracts, 4690

Introduction to The Mediterranean Sea: Temporal Variability and Spatial Patterns
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
C Wang, P Malanotte-Rizzoli
Journal of Ocean University of China 13, 32-44

Introduction to The Mediterranean Sea
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
D Xu, P Malanotte-Rizzoli
Dynamics of Atmospheres and Oceans 63, 103-130

Nonlinear radiating instability of a barotropic eastern boundary current
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
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
P Malanotte

A new mechanism for the generation of quasi-zonal jets in the ocean
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
H Chen, P Tkalich, P Malanotte-Rizzoli, J Wei
Ocean Dynamics 62, 377-393

Box modeling of the Eastern Mediterranean sea
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
P Malanotte-Rizzoli
Centro Oceanográfico de A Coruña

Data Analysis and Numerical Modeling of Sea Level Anomalies in the South China Sea
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
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
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
A Bergamasco, P Malanotte-Rizzoli
Advances in Oceanography and Limnology. 1 (1), 11-28

Case study of phytoplankton blooms in Serangoon Harbor of Singapore
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
Ocean Dynamics 60, 395-401

Multi-vehicle oceanographic feature exploration
BH Ooi, H Zheng, H Kurniawati, W Cho, NM Patrikalakis, MH Dao, ...
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, ...
Journal of Geophysical Research: Oceans 114 (C5)

Sea Level Anomalies in the Singapore Strait due to Storm Surges of the South China Sea: The Monsson Regimes
P Tkalich, P Vethamony, MT Babu, P Malanotte-Rizzoli, P Zemskyy
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

Watersheds, Bays, and Bounded Seas: the science and management of semi-enclosed marine systems
ER Urban Jr, B Sundby, P Malanotte-Rizzoli, JM Melillo
Scientific Committee on Problems of the Environment (SCOPE) Series

Mediterranean climate variability
P Lionello, P Malanotte-Rizzoli, R Boscolo
Elsevier

Forecasting a Large Marine Ecosystem
V Shannon, G Hempel, P Malanotte-Rizzoli, C Moloney, J Woods
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
Benguela: Predicting a Large Marine Ecosystem, 11

Benguela: predicting a large marine ecosystem
V Shannon, G Hempel, C Moloney, JD Woods, P Malanotte-Rizzoli
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
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
J. Geophys. Res 111, C07099

US Data Assimilation in Ocean Research
PFJ Lermusiaux, P MALANOTTE, DS RIZZOLI, J Carton, J Cummings, ...
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, ...

P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ...

Forecasting low oxygen water (LOW) variability in the Benguela System
PMS Monteiro, AK van der Plas, GW Bailey, P Malanotte-Rizzoli, ... 2006
Benguela: Predicting a Large Marine Ecosystem, edited by: Shannon, V ...

Developments in earth and environmental sciences
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ... 2006
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
MN Tsimplis, V Zervakis, SA Josey, EL Peneva, MV Struglia, EV Stanev, ... 2006
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
PMS Monteiro, AK van der Plas 2006
Large marine ecosystems 14, 71-90

The Mediterranean climate: an overview of the main characteristics and issues
P Lionello, P Malanotte-Rizzoli, R Boscolo, P Alpert, V Artale, L Li, ... 2006
Developments in earth and environmental sciences 4, 1-26

The Atlantic and Mediterranean Sea as connected systems
V Artale, S Calmanti, P Malanotte-Rizzoli, G Piscanec, V Rupolo, ... 2006
Developments in earth and environmental sciences 4, 283-323

13 Low Oxygen Water (LOW) forcing scales amenable to forecasting in the Benguela ecosystem
PMS Monteiro, AK van der Plas, GW Bailey, P Malanotte-Rizzoli, ... 2006
Large Marine Ecosystems 14, 295-308

MEDCLIVAR: Mediterranean CLImate VARiability and predictability project
P Lionello, P Malanotte-Rizzoli, P Alpert, V Artale, R Boscolo, ... 2006
PAGES News/CLIVAR Exchange Exchanges 13, 3-5

Decadal variability of shallow cells and equatorial sea surface temperature in a numerical model of the Atlantic
J Krüger, AJ Busalacchi, J Ballabrera-Poy, P Malanotte-Rizzoli 2005
Journal of Geophysical Research: Oceans 110 (C12)

Comments on" A new theory for the generation of the equatorial subsurface countercurrents"-Reply
M Jochum, P Malanotte-Rizzoli 2005
Journal of Physical Oceanography 35 (8), 1497-1500
The impact of horizontal resolution on the tropical heat budget in an Atlantic Ocean model
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
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli
J. Climate 18, 841-851

Autobiographical Sketches of Women in Oceanography
KL Daly
Oceanography 18 (1)

The impact of tropical instability waves on the equatorial mixed layer heat budget
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
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
DF Urbano, M Jochum, ICA Silveira, P Malanotte-Rizzoli
resumos

Internal variability of the tropical Atlantic Ocean
M Jochum, R Murtugudde, P Malanotte-Rizzoli, AJ Busalacchi
Geophysical Monograph Series 147, 181-188

Tropical instability waves in the Atlantic Ocean
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
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
P Malanotte-Rizzoli, ...

Climatic warming and accompanying changes in the ecological regime of the Black Sea during 1990s
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
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)
P Malanotte-Rizzoli
The role of mesoscale processes controlling biological variability in the Black Sea coastal waters: inferences from SeaWIFS-derived surface chlorophyll field
T Oguz, AG Deshpande, P Malanotte-Rizzoli
Continental Shelf Research 22 (10), 1477-1492

The predictability of large-scale wind-driven flows
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
A Mahadevan, J Lu, SP Meacham, P Malanotte-Rizzoli
Nonlinear Processes in Geophysics 9 (2), 173-173

The Dynamics of The Tsuchiya Jets and Their Role For The Moc
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
X Zang, P Malanotte-Rizzoli
EGS General Assembly Conference Abstracts, 1486

Interdisciplinary studies integrating the Black Sea biogeochemistry and circulation dynamics
T Oguz, P Malanotte-Rizzoli, HW Ducklow, JW Murray
OCEANOGRAPHY-WASHINGTON DC-OCEANOGRAPHY SOCIETY- 15 (3), 4-11

Simulations of phytoplankton seasonal cycle with multi-level and multi-layer physical-ecosystem models: the Black Sea example
T Oguz, P Malanotte-Rizzoli, HW Ducklow
Ecological Modelling 144 (2-3), 295-314

Influence of the meridional overturning circulation on tropical–subtropical pathways
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
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
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
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
1999

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

The sea surface temperature field in the Eastern Mediterranean from advanced very high resolution radiometer (AVHRR) data: Part I. Seasonal variability
S Marullo, R Santoleri, P Malanotte-Rizzoli, A Bergamasco
Journal of Marine Systems 20 (1-4), 63-81 1999

The sea surface temperature field in the Eastern Mediterranean from advanced very high resolution radiometer (AVHRR) data: Part II. Interannual variability
S Marullo, R Santoleri, P Malanotte-Rizzoli, A Bergamasco

Modeling dense water mass formation and winter circulation in the northern and central Adriatic Sea
A Bergamasco, T Oguz, P Malanotte-Rizzoli
Journal of Marine Systems 20 (1-4), 279-300 1999

Comparative analysis of sedimentation processes within the Black Sea and Eastern Mediterranean AY Mitropolsky, SP Olshtynsky Institute of Geological Sciences NAS, Kiev, Ukraine …
P Malanotte-Rizzoli, VN Eremeev
The Eastern Mediterranean as a Laboratory Basin for the Assessment of … 1999

MODELING PLANKTON PRODUCTION IN THE EASTERN MEDITERRANEAN: APPLICATION OF A 1-D VERTICALLY-RESOLVED PHYSICAL-BIOLOGICAL MODEL TO THE IONIAN AND RHODES BASINS
E Napolitano¹, T Oguz, P Malanotte-Rizzoli, E Sansone¹
The Eastern Mediterranean as a Laboratory Basin for the Assessment of … 1999

The Eastern Mediterranean as a laboratory basin for the assessment of contrasting ecosystems
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 1999

The Eastern Mediterranean in the 80’s and in the 90’s: the big transition emerged from the POEM-BC observational evidence
P Malanotte-Rizzoli, B Manca, MR d’Alcala, A Theocharis
The Eastern Mediterranean as a Laboratory Basin for the Assessment of … 1999

Oceanographic Data Assimilation in the 1990s: Overview, Motivation and Purposes
P Malanotte-Rizzoli
Naval Research Reviews 51 (2), 39-52 1999

The Eastern Mediterranean as a laboratory basin for the assessment of contrasting ecosystems. Proceedings
P Malanotte-Rizzoli, VN Eremeev

Modeling Plankton Production in the Eastern Mediterranean: Application of a 1-D Vertically-Resolved Physical-Biological Model to the Ionian and Rhodes Basins
E Napolitano, T Oguz, P Malanotte-Rizzoli, E Sansone 1999
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**
T Oguz, U Unluata, HW Ducklow, P Malanotte-Rizzoli  
Environmental Degradation of the Black Sea: Challenges and Remedies, 197-223  
1999

**Simulations of the Black Sea pelagic ecosystem by 1-D, vertically resolved, physical–biochemical models**
T Oguz, HW Ducklow, P MALANOTTE-RIZZOLI, JW Murray  
Fisheries Oceanography 7 (3-4), 300-304  
1998

**Inverse modeling of seasonal variations in the North Atlantic Ocean**
L Yu, P Malanotte-Rizzoli  
Journal of physical oceanography 28 (5), 902-922  
1998

**A synthesis of the Ionian Sea hydrography, circulation and water mass pathways during POEM-phase I**
P Malanotte-Rizzoli, BB Manca, MR D'Alcala  
Oceanographic Literature Review 8 (45), 1298  
1998

**Gulf Stream system assimilation experiments: A sensitivity study**
P Malanotte-Rizzoli, RE Young  
Journal of Atmospheric and Oceanic Technology 14 (6), 1392-1408  
1997

**Data Assimilation and Model Evaluation Experiment: North Atlantic Basin**
S Glenn, DB Haidvogel, M Iskandarani, P Malanotte-Rizzoli, ...  
1997

**Simulation of upper layer biochemical structure in the Black Sea**
T Oguz, H Ducklow, EA Shushkina, P Malanotte-Rizzoli, S Tugrul, ...  
1997

**General circulation of the upper ocean**
P MALANOTTE-RIZZOLI  
IOC Workshop Report  
1997

**A methodology for the construction of a hierarchy of Kalman filters for nonlinear primitive equation models**
P Malanotte-Rizzoli, I Fukumori, RE Young  
Oceanographic Literature Review 6 (44), 537  
1997

**Recirculation gyres forced by a beta-plane jet**
SR Jayne, NG Hogg, P Malanotte-Rizzoli  
Oceanographic Literature Review 1 (44), 17  
1997

**Assimilation studies of open-ocean flows 2. Error measures with strongly nonlinear dynamics**
JR Gunson, P Malanotte-Rizzoli  
Oceanographic Literature Review 7 (44), 670  
1997

**Assimilation studies of open-ocean flows 1. Estimation of initial and boundary conditions**
JR Gunson, P Malanotte-Rizzoli  
Oceanographic Literature Review 7 (44), 671  
1997

**Analysis of the North Atlantic climatologies using a combined OGCM/adjoint approach**
Y Lisan, P Malanotte-Rizzoli  
Oceanographic Literature Review 5 (44), 417  
1997
Experiment in eastern Mediterranean probes origin of deep water masses
P Malanotte-Rizzoli, AR Robinson, W Roether
Oceanographic Literature Review 1 (44), 9
1997

The oceanographic data assimilation problem: overview, motivation and purposes
P Malanotte-Rizzoli, E Tziperman
Oceanographic Literature Review 6 (44), 654
1997

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 Theocaris, ...
Progress in Oceanography 39 (3), 153-204
1997

Towards coupling three dimensional eddy resolving general circulation and biochemical models in the Black Sea
T Oğuz, P Malanotte-Rizzoli, H Ducklow
Sensitivity to Change: Black Sea, Baltic Sea and North Sea, 469-485
1997

Assimilation studies of open-ocean flows: 2. Error measures with strongly nonlinear dynamics
JR Gunson, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 101 (C12), 28473-28488
1996

Assimilation studies of open-ocean flows: 1. Estimation of initial and boundary conditions
JR Gunson, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 101 (C12), 28457-28472
1996

Analysis of the North Atlantic climatologies using a combined OGCM/adjoint approach
L Yu, P Malanotte-Rizzoli
Journal of marine research 54 (5), 867-913
1996

Experiment in Eastern Mediterranean probes origin of deep water masses
P Malanotte-Rizzoli, AR Robinson, W Roether, B Manca, A Bergamasco, ...
Eos, Transactions American Geophysical Union 77 (32), 305-311
1996

Seasonal variability of wind and thermohaline-driven circulation in the Black Sea: Modeling studies
T Oğuz, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 101 (C7), 16551-16569
1996

Simulation of annual plankton productivity cycle in the Black Sea by a one-dimensional physical-biological model
T Oğuz, H Ducklow, P Malanotte-Rizzoli, S Tugrul, NP Nezlin, U Unluata
Journal of Geophysical Research: Oceans 101 (C7), 16585-16599
1996

Modern approaches to data assimilation in ocean modeling
P Malanotte-Rizzoli
Elsevier
1996

Recirculation gyres forced by a beta-plane jet
SR Jayne, NG Hogg, P Malanotte-Rizzoli
Journal of physical oceanography 26 (4), 492-504
1996

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**
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**
P Malanotte-Rizzoli, I Fukumori, RE Young
Elsevier Oceanography Series 61, 297-317

**The oceanographic data assimilation problem: overview, motivation and purposes**
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**
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**
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**
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**
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**
I Fukumori, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 100 (C4), 6777-6793

**Stochastic wave radiation by the Gulf Stream: Numerical experiments**
P Malanotte-Rizzoli, NG Hoggi, RE Young

**Experiment evaluates ocean models and data assimilation in the Gulf Stream**
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**
D Chester, P Malanotte-Rizzoli, J Lynch, C Wunsch
Geophysical research letters 21 (3), 181-184

**AS A PROTOTYPE OF CONVECTION AND WATER**
P Malanotte-Rizzoli

The General Circulation of the Oceans, 269

The general circulation of the oceans
P Malanotte-Rizzoli
1994

A Modeling Perspective
P MALANOTTE-RIZZOLI
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 Study Institute... 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/Smoother
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, ...
Eos, Transactions American Geophysical Union 74 (44), 506-507
1993

THE NORTH ATLANTIC CURRENT SYSTEM: A SCIENTIFIC REPORT
P Malanotte-Rizzoli, T Rossby
1993

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
Deep Sea Research Part II: Topical Studies in Oceanography 40 (6), 1269-1298
1993

Persistent jet stream intensifications: A comparison between theory and data
K Haines, P Malanotte-Rizzoli, M Morgan
Journal of the atmospheric sciences 50 (1), 145-154
1993
Sensitivity study of the SPEM model to the assimilation of synop datasets using two assimilation schemes. 1: Nudging. 2: The Kalman filter/smooother. M. S. Thesis Final Report, 1...

P MALANOTTE-RIZZOLI

A comparison of two methods for the assimilation of altimeter data into a shallow-water model

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?

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

D Chester, P Malanotte-Rizzoli

The Journal of the Acoustical Society of America 92 (4_Supplement), 2326-2326

General circulation of the Eastern Mediterranean

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

P Malanotte-Rizzoli

Assimilation in Coupled Air-Sea Nowcast/Forecast Systems Workshop, 143

IN METEOROLOGY AND OCEANOGRAPHY

P MALANOTTE–RIZZOLI

Advances in Geophysics, 141

The baroclinic general circulation of the eastern Mediterranean Sea

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

LL Fu, V Zlotnicki, WR Holland, P Malanotte-Rizzoli

TOPEX (Poseidon Science Investigations Plan

The climatological seasonal circulation of the Mediterranean Sea

E Tziperman, P Malanotte-Rizzoli

Journal of Marine Research 49 (3), 411-434

Acoustic tomography in the Straits of Florida

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

P Malanotte-Rizzoli, A Bergamasco

Dynamics of Atmospheres and Oceans 15 (3-5), 355-419

Isolated anomalies in westerly jet streams: A unified approach

K Haines, P Malanotte-Rizzoli
Journal of Atmospheric Sciences 48 (4), 510-526

The Mediterranean Sea
P Malanotte-Rizzoli, AR Robinson
Elsevier

Data assimilation in meteorology and oceanography
M Ghil, P Malanotte-Rizzoli
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
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
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

The influence of a steady baroclinic deep ocean on the shelf: the vertically well-mixed case
MR Vennell, P Malanotte-Rizzoli
Journal of physical oceanography 20 (4), 489-505

The circulation of the eastern mediterranean. Part 1
P Malanotte-Rizzoli, A Bergamasco
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
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
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
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

Principles of Ocean Physics
P Malanotte-Rizzoli
Eos, Transactions American Geophysical Union 70 (1), 4-4

Is the Atlantic Equatorial Thermocline Ventilated Only from the South?
P Malanotte-Rizzoli
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
Journal of physical oceanography 18 (11), 1546-1569

1988

**Data constraints applied to models of the ocean general circulation. Part II: the transient, eddy-resolving case**
P Malanotte-Rizzoli, WR Holland
Journal of physical oceanography 18 (8), 1093-1107

1988

**POEM: physical oceanography of the eastern Miditerranean**
P Malanotte-Rizzoli, AR Robinson
Eos, Transactions American Geophysical Union 69 (14), 194-203

1988

**Coherent structures in a baroclinic atmosphere. Part IV: a comparison between theory and data**
P Malanotte-Rizzoli, PJ Hancock
Journal of the atmospheric sciences 44 (17), 2506-2530

1987

**Nonlinear waves and coherent vortex structures in barotropic β-plane jets**
GR Flierl, P Malanotte-Rizzoli, NJ Zabusky
Journal of Physical Oceanography 17 (9), 1408-1438

1987

**Coherent structures in a baroclinic atmosphere. Part III: Block formation and eddy forcing**
P Malanotte-Rizzoli, P Malguzzi
Journal of the atmospheric sciences 44 (17), 2493-2505

1987

**Numerical simulation of transient boundary-forced radiation. Part I: The linear regime**
P Malanotte-Rizzoli, BH Dale, RE Young
Journal of physical oceanography 17 (9), 1439-1457

1987

**Coastal flows driven by alongshore density gradients**
R Vennell, P Malanotte-Rizzoli
Journal of physical oceanography 17 (6), 821-827

1987

**Space and time variability of the surface color field in the northern Adriatic Sea**
V Barale, CR McClain, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 91 (C11), 12957-12974

1986

**Data constraints applied to models of the ocean general circulation. Part I: The steady case**
P Malanotte-Rizzoli, WR Holland
Journal of physical oceanography 16 (10), 1665-1682

1986

**A maximum-gradient inverse for the Gulf Stream system**
BD Cornuelle, P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 91 (C9), 10566-10580

1986

**Long-range inversions for ocean acoustic tomography**
P Malanotte-Rizzoli
Journal of Geophysical Research: Oceans 90 (C4), 7098-7116

1985

**Travel time and geometry of steep acoustic rays subject to Gulf Stream variability**
JL Spiesberger, P Malanotte-Rizzoli, EB Welsh

1985
Gyre-scale acoustic tomography: modeling simulations
P Malanotte-Rizzoli, WR Holland
Journal of physical oceanography 15 (4), 416-438
1985

Nonlinear stationary Rossby waves on nonuniform zonal winds and atmospheric blocking. Part I: The analytical theory
P Malguzzi, P Malanotte-Rizzoli
Journal of the atmospheric sciences 41 (17), 2620-2628
1984

Boundary-forced nonlinear planetary radiation
P Malanotte-Rizzoli
Journal of physical oceanography 14 (6), 1032-1046
1984

Coastal boundary layers in ocean modelling: an application to the Adriatic Sea
P Malanotte Rizzoli, F Dell'Orto
Il Nuovo Cimento C 4, 173-220
1981

Wind wave prediction in the Northern Adriatic: the shallow boundary region along the Italian coastline
P Malanotte Rizzoli, L Cavalieri, L Bertotti, A Bergamasco
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l …
1981

A multi-layer model for the study of circulation and evolution of water mass properties in most general conditions
A Bergamasco, PM Rizzoli+
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l …
1981

Ecological modeling: the general methodological approach and its application to the Emilia-Romagna [Italy] coastal ecosystem
P Malanotte Rizzoli, L Cavalieri, A Bergamasco, L Bertotti
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l …
1981

Solitary Rossby waves over variable relief and their stability. Part I: the analytical theory
PM Rizzoli, MC Hendershott
Dynamics of Atmospheres and Oceans 4 (4), 247-260
1980

Solitary Rossby waves over variable relief and their stability. Part II: Numerical experiments
P Malanotte Rizzoli
Dynamics of Atmospheres and Oceans 4 (4), 261-294
1980

Wind waves modelling-actual approaches
L Cavalieri, PM Rizzoli
Rapports et Proces-Verbaux des Reunions-Commission Internationale pour l …
1979

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 Ereemeev
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

MODERN APPROACHES TO DATA ASSIMILATION IN OCEAN MODELING/EDITED BY P. MALANOTTE-RIZZOLI.
P MALANOTTE-RIZZOLI
ELSEVIER OCEANOGRAPHY SERIES; 61

The impact of horizontal resolution on the heat budget of the equatorial mixed layer in ocean general circulation models.
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli

C. Inverse Modeling in the North Atlantic Ocean
P Malanotte-Rizzoli
DATA ASSIMILATION AND MODEL EVALUATION EXPERIMENTS-NORTH ATLANTIC BASIN …
How Data Assimilation Can Correct For Wrong Surface Forcing In Forecasts/Analysis Simulations
J Wei, P Malanotte-Rizzoli

MARINE RESEARCH
M Jochum, P Malanotte-Rizzoli

Ocean processes in climate dynamics: global and Mediterranean examples(Erice, January 20- February 2, 1993)
P Malanotte-Rizzoli, AR Robinson
NATO ASI series. Series C: mathematical and physical sciences

Coupling of A Regional Atmospheric Model (RegCM3) and 3
J Wei, D Zhang, P Malanotte-Rizzoli, EAB Eltahir

The Heat Budget of the Equatorial Mixed Layer
M Jochum, R Murtugudde, R Ferrari, P Malanotte-Rizzoli

Interhemispheric water exchange in the Atlantic ocean (Mar del Plata, 2001)
GJ Goni, P Malanotte-Rizzoli
Elsevier oceanography series
Recent Ecological Regime Change in the Black Sea Introduced by Climatic and Anthropogenic Factors
T Oguz, T Cokacar, P Malanotte-Rizzoli, HW Ducklow

CLIMATE OF THE MEDITERRANEAN SEA
P Malanotte-Rizzoli

“Tropical Atlantic Climate Experiment “(TACE)
F Schott, J Carton, W Hazeleger, W Johns, Y Kushnir, C Reason, SP Xie, ...

HE ROLE OF THE SOUTH ATLANTIC IN THE VARIABILITY OF THE ITCZ
Y Kushnir, M Barreiro, P Chang, J Chiang, A Lazar, P Malanotte-Rizzoli