

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1007/s00382-017-3943-z">10.1007/s00382-017-3943-z</a>	On the relationship between Atlantic Niño variability and ocean dynamics	Tina Dippe, Richard Greatbatch, Hui Ding	Climate Dynamics	28.10.2018
<a href="https://doi.org/10.1175/MWR-D-18-0184.1">https://doi.org/10.1175/MWR-D-18-0184.1</a>	Insights into the summer diurnal cycle over eastern South Africa	Shunya Koseki, Benjamin Pohl, Bhuwan Chandra Bhatt, Noel Keenlyside, Arielle Stela Nkwinkwa Njouodo	Monthly Weather Review	22.10.2018
<a href="https://doi.org/10.1007/s00382-018-4488-5">10.1007/s00382-018-4488-5</a>	Respective impacts of Arctic sea ice decline and increasing greenhouse gases concentration on Sahel precipitation	Paul-Arthur Monerie, Thomas Oudar, Emilia Sanchez-Gomez	Climate Dynamics	09.10.2018
<a href="https://doi.org/10.1016/j.rsma.2018.08.003">10.1016/j.rsma.2018.08.003</a>	Population dynamics and stock assessment of <i>Ethmalosa fimbriata</i> in Senegal call for fishing regulation measures	Bocar Sabaly Baldé, Patrice Brehmer, Fambaye Ngom Sow, Werner Ekau, Justin Kantoussan, Massal Fall, Malick Diouf	Regional Studies in Marine Science	28.08.2018
<a href="https://doi.org/10.1007/978-3-319-93284-2_2">10.1007/978-3-319-93284-2_2</a>	Can Climate Models Simulate the Observed Strong Summer Surface Cooling in the Equatorial Atlantic?	Tina Dippe, Martin Krebs, Jan Harlaß, Joke F. Lübbecke	YOUMARES 8 – Oceans Across Boundaries: Learning from each other	30.08.2018
<a href="https://doi.org/10.5194/os-14-849-2018">10.5194/os-14-849-2018</a>	Impact of intraseasonal wind bursts on sea surface temperature variability in the far eastern tropical Atlantic Ocean during boreal spring 2005 and 2006: focus on the mid-May 2005 event	Gaëlle Herbert, Bernard Bourlès	Ocean Science	27.08.2018
<a href="https://doi.org/10.1029/2018MS001288">10.1029/2018MS001288</a>	A methodology for anomaly coupling in climate simulation	Thomas Toniazzo, Shunya Koseki	Journal of Advances in Modeling Earth Systems	01.08.2018

PREFACE peer-reviewed publications  
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<a href="https://doi.org/10.1029/2018JC014135">10.1029/2018JC014135</a>	Subsurface Fine-Scale Patterns in an Anticyclonic Eddy Off Cap-Vert Peninsula Observed From Glider Measurements	Nicolas Kolodziejczyk, Pierre Testor, Alban Lazar, Vincent Echevin, Gerd Krahnmann, Alexis Chaigneau, Claire Gourcuff, Malick Wade, Saliou Faye, Philippe Estrade, Xavier Capet, Laurent Mortier, Patrice Brehmer, Florian Schütte, Johannes Karstensen	Journal of Geophysical Research - Oceans	18.07.2017
<a href="https://doi.org/10.1007/s00382-017-3896-2">10.1007/s00382-017-3896-2</a>	Causes of the large warm bias in the Angola–Benguela Frontal Zone in the Norwegian Earth System Model	Shunya Koseki , Noel Keenlyside , Teferi Demissie , Thomas Toniazzo , Francois Counillon , Ingo Bethke , Mehmet Ilicak , Mao-Lin Shen	Climate Dynamics	01.06.2018
<a href="https://doi.org/10.1016/j.jtbi.2018.03.017">10.1016/j.jtbi.2018.03.017</a>	Competition or cooperation in transboundary fish stocks management: Insight from a dynamical model	Trong Hieu Nguyen , Timothée Brochier , Pierre Auger , Viet Duoc Trinh , Patrice Brehmer	Journal of Theoretical Biology	01.06.2018
<a href="https://doi.org/10.1007/s00382-017-3886-4">10.1007/s00382-017-3886-4</a>	Impact of dynamical regionalization on precipitation biases and teleconnections over West Africa	Iñigo Gómara , Elsa Mohino , Teresa Losada , Marta Domínguez , Roberto Suárez-Moreno , Belén Rodríguez-Fonseca	Climate Dynamics	01.06.2018
<a href="https://doi.org/10.1002/wcc.527">10.1002/wcc.527</a>	Equatorial Atlantic variability-Modes, mechanisms, and global teleconnections	Joke F. Lübbecke , Belen Rodríguez-Fonseca , Ingo Richter , Marta Martín-Rey , Teresa Losada , Irene Polo , Noel S. Keenlyside	WIREs Climate Change	08.05.2018

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1016/j.pocean.2018.03.011">10.1016/j.pocean.2018.03.011</a>	Complex small pelagic fish population patterns arising from individual behavioral responses to their environment	Timothée Brochier , Pierre-Amaël Auger , Laure Pecquerie , Eric Machu , Xavier Capet , Modou Thiaw , Baye Cheikh Mbaye , Cheikh-Baye Braham , Omar Ettahiri , Najib Charouki , Ousseynou Ndaw Sène , Francisco Werner , Patrice Brehmer	Progress in Oceanography	01.05.2018
<a href="https://doi.org/10.1029/2017JC013540">10.1029/2017JC013540</a>	Subseasonal Coastal-Trapped Wave Propagations in the Southeastern Pacific and Atlantic Oceans: 2. Wave Characteristics and Connection With the Equatorial Variability	Serena Illig , Marie-Lou Bachèlery , Emeline Cadier	Journal of Geophysical Research: Oceans	30.04.2018
<a href="https://doi.org/10.1029/2018GL077138">10.1029/2018GL077138</a>	Improved SST-Precipitation Intraseasonal Relationships in the ECMWF Coupled Climate Reanalysis	Xiangbo Feng , Keith Haines , Chunlei Liu , Eric de Boisséson , Irene Polo	Geophysical Research Letters	28.04.2018
<a href="https://doi.org/10.1175/JCLI-D-17-0367.1">10.1175/JCLI-D-17-0367.1</a>	Interdecadal changes in the leading ocean forcing of Sahelian rainfall interannual variability: Atmospheric dynamics and role of multidecadal SST background.	Roberto Suárez-Moreno , Belén Rodríguez-Fonseca , Jesús A. Barroso , Andreas H. Fink	Journal of Climate	26.04.2018
<a href="https://doi.org/10.1007/s00382-018-4197-0">10.1007/s00382-018-4197-0</a>	Respective roles of remote and local wind stress forcings in the development of warm SST errors in the South-Eastern Tropical Atlantic in a coupled high-resolution model	Katerina Goubanova , Emilia Sanchez-Gomez , Claudia Frauen , Aurore Voldoire	Climate Dynamics	10.04.2018
<a href="https://doi.org/10.1007/s00382-018-4186-3">10.1007/s00382-018-4186-3</a>	Stratospheric role in interdecadal changes of El Niño impacts over Europe	B. Ayarzagüena , J. López-Parages , M. Iza , N. Calvo , B. Rodríguez-Fonseca	Climate Dynamics	02.04.2018

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1002/joc.5378">10.1002/joc.5378</a>	Unique relationship between tropical rainfall and SST to the north of the Mozambique Channel in boreal winter	Shunya Koseki , Bhuwan Chandra Bhatt	International Journal of Climatology	01.04.2018
<a href="https://doi.org/10.1002/joc.5422">10.1002/joc.5422</a>	Do SST gradients drive the monthly climatological surface wind convergence over the tropical Atlantic?	Moussa Diakhaté , Alban Lazar , Gaëlle de Coëtlogon , Amadou T. Gaye	International Journal of Climatology	01.04.2018
<a href="https://doi.org/10.1002/2017JC013652">10.1002/2017JC013652</a>	Reconstructing Tropical Pacific Sea Level Variability for the Period 1961-2002 Using a Linear Multimode Model	Richard J. Greatbatch , Xiaoting Zhu , Martin Claus	Journal of Geophysical Research: Oceans	01.03.2018
<a href="https://doi.org/10.1007/s00382-017-3701-2">10.1007/s00382-017-3701-2</a>	Main processes of the Atlantic cold tongue interannual variability	Yann Planton , Aurore Voldoire , Hervé Giordani , Guy Caniaux	Climate Dynamics	01.03.2018
<a href="https://doi.org/10.1175/BAMS-D-17-0197.1">10.1175/BAMS-D-17-0197.1</a>	Eastern boundary circulation and hydrography off Angola – building Angolan oceanographic capacities.	P. Tchupalanga , M. Dengler , P. Brandt , R. Kopte , M. Macuéria , P. Coelho , M. Ostrowski , N. S. Keenlyside	Bulletin of the American Meteorological Society	28.02.2018
<a href="https://doi.org/10.1002/2017GL076662">10.1002/2017GL076662</a>	Evidence for the Maintenance of Slowly Varying Equatorial Currents by Intraseasonal Variability	Richard J. Greatbatch , Martin Claus , Peter Brandt , Jan-Dirk Matthießen , Franz Philip Tuchen , François Ascani , Marcus Dengler , John Toole , Christina Roth , J. Thomas Farrar	Geophysical Research Letters	28.02.2018
<a href="https://doi.org/10.1002/2017GL076849">10.1002/2017GL076849</a>	What Controls ENSO-Amplitude Diversity in Climate Models?	C. Wengel , D. Dommenges , M. Latif , T. Bayr , A. Vijayeta	Geophysical Research Letters	28.02.2018
10.1007/s00382-017-4057-3	Omens of coupled model biases in the CMIP5 AMIP simulations	Alina Găinușă-Bogdan , Frédéric Hourdin , Abdoul Khadre Traore , Pascale Braconnot	Climate Dynamics	20.02.2018

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1038/s41598-018-20904-1">10.1038/s41598-018-20904-1</a>	Sahel rainfall strength and onset improvements due to more realistic Atlantic cold tongue development in a climate model	S. Steinig , J. Harlaß , W. Park , M. Latif	Scientific Reports	07.02.2018
<a href="https://doi.org/10.1175/JPO-D-17-0111.1">10.1175/JPO-D-17-0111.1</a>	Role of Equatorial Basin-Mode Resonance for the Seasonal Variability of the Angola Current at 11°S	Robert Kopte , Peter Brandt , Martin Claus , Richard J. Greatbatch , Marcus Dengler	Journal of Physical Oceanography	01.02.2018
<a href="https://doi.org/10.1007/s00382-017-3648-3">10.1007/s00382-017-3648-3</a>	Seasonal ENSO phase locking in the Kiel Climate Model: The importance of the equatorial cold sea surface temperature bias	C. Wengel , M. Latif , W. Park , J. Harlaß , T. Bayr	Climate Dynamics	01.02.2018
<a href="https://doi.org/10.1111/fog.12257">10.1111/fog.12257</a>	Contrasted optimal environmental windows for both sardinella species in Senegalese waters	Ousmane Diankha , Aliou Ba , Patrice Brehmer , Timothée Brochier , Bamol Ali Sow , Modou Thiaw , Amadou Thierno Gaye , Fambaye Ngom , Hervé Demarcq	Fisheries Oceanography	30.01.2018
<a href="https://doi.org/10.1175/JCLI-D-16-0459.1">10.1175/JCLI-D-16-0459.1</a>	Is There Evidence of Changes in Tropical Atlantic Variability Modes under AMO Phases in the Observational Record?	Marta Martín-Rey , Irene Polo , Belén Rodríguez-Fonseca , Teresa Losada , Alban Lazar	Journal of Climate	01.01.2018
<a href="https://doi.org/10.1051/alr/2017049">10.1051/alr/2017049</a>	Spatial distribution of main clupeid species in relation to acoustic assessment surveys in the continental shelves of Senegal and The Gambia	Abdoulaye Sarré , Jens-Otto Krakstad , Patrice Brehmer , Ebou Mass Mbye	Aquatic Living Resources	01.01.2018

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1038/s41598-017-13144-2">10.1038/s41598-017-13144-2</a>	Structural decomposition of decadal climate prediction errors: A Bayesian approach	Davide Zanchettin , Carlo Gaetan , Maeregu Woldeyes Arisido , Kameswarrao Modali , Thomas Toniazzo , Noel Keenlyside , Angelo Rubino	Scientific Reports	01.12.2017
<a href="https://doi.org/10.1007/s00477-017-1383-2">10.1007/s00477-017-1383-2</a>	A Bayesian hierarchical approach for spatial analysis of climate model bias in multi-model ensembles	Maeregu Woldeyes Arisido , Carlo Gaetan , Davide Zanchettin , Angelo Rubino	Stochastic Environmental Research and Risk Assessment	01.12.2017
<a href="https://doi.org/10.1007/s10236-017-1111-y">10.1007/s10236-017-1111-y</a>	The emergence of equatorial deep jets in an idealised primitive equation model: an interpretation in terms of basin modes	Jan-Dirk Matthießen , Richard John Greatbatch , Martin Claus , François Ascani , Peter Brandt	Ocean Dynamics	01.12.2017
<a href="https://doi.org/10.1186/s40645-017-0121-1">10.1186/s40645-017-0121-1</a>	Towards a seamlessly diagnosable expression for the energy flux associated with both equatorial and mid-latitude waves	Hidenori Aiki , Richard J. Greatbatch , Martin Claus	Progress in Earth and Planetary Science	01.12.2017
<a href="https://doi.org/10.1007/s00382-017-3984-3">10.1007/s00382-017-3984-3</a>	Origin of the warm eastern tropical Atlantic SST bias in a climate model	E. Exarchou, C. ProdhommeL. Brodeau, V. Guemas, F. Doblas-Reyes	Climate Dynamics	03.11.2017
<a href="https://doi.org/10.1111/fog.12224">10.1111/fog.12224</a>	Does upwelling intensity determine larval fish habitats in upwelling ecosystems? The case of Senegal and Mauritania	Maik Tiedemann , Heino O. Fock , Patrice Brehmer , Julian Döring , Christian Möllmann	Fisheries Oceanography	01.11.2017
<a href="https://doi.org/10.1088/1748-9326/aa8cda">10.1088/1748-9326/aa8cda</a>	Impact of internal variability on projections of Sahel precipitation change	Paul-Arthur Monerie , Emilia Sanchez-Gomez , Benjamin Pohl , Jon Robson , Buwen Dong	Environmental Research Letters	01.11.2017

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1016/j.quascirev.2017.09.012">10.1016/j.quascirev.2017.09.012</a>	Detecting the relationship between moisture changes in arid central Asia and East Asia during the Holocene by model-proxy comparison	Xiaojian Zhang , Liya Jin , Jie Chen , Fahu Chen , Wonsun Park , Birgit Schneider , Mojib Latif	Quaternary Science Reviews	01.11.2017
	Seasonal predictability of Kiremt rainfall in coupled general circulation models	Stephanie Gleixner , Noel S Keenlyside , Teferi D Demissie , François Counillon , Yiguo Wang , Ellen Viste	Environmental Research Letters	01.11.2017
<a href="https://doi.org/10.1002/2017MS001081">10.1002/2017MS001081</a>	The Surface Energy Budget Computed at the Grid-Scale of a Climate Model Challenged by Station Data in West Africa	F. B. Diallo , F. Hourdin , C. Rio , A.-K. Traore , L. Mellul , F. Guichard , L. Kergoat	Journal of Advances in Modeling Earth Systems	01.11.2017
<a href="https://doi.org/10.1007/s00382-017-3943-z">10.1007/s00382-017-3943-z</a>	On the relationship between Atlantic Niño variability and ocean dynamics	Tina Dippe , Richard J. Greatbatch , Hui Ding	Climate Dynamics	28.10.2017
<a href="https://doi.org/10.1007/s00382-017-3941-1">10.1007/s00382-017-3941-1</a>	Influence of decadal sea surface temperature variability on northern Brazil rainfall in CMIP5 simulations	Julián Villamayor , Tércio Ambrizzi , Elsa Mohino	Climate Dynamics	11.10.2017
<a href="https://doi.org/10.1016/j.ecss.2017.08.003">10.1016/j.ecss.2017.08.003</a>	Composition and structure of the larval fish community related to environmental parameters in a tropical estuary impacted by climate change	Hans Sloterdijk , Patrice Brehmer , Oumar Sadio , Hanno Müller , Julian Döring , Werner Ekau	Estuarine, Coastal and Shelf Science	01.10.2017
<a href="https://doi.org/10.1002/asl.781">10.1002/asl.781</a>	Analogous seasonal evolution of the South Atlantic SST dipole indices	Hyacinth C. Nnamchi , Fred Kucharski , Noel S. Keenlyside , Riccardo Farneti	Atmospheric Science Letters	01.10.2017
<a href="https://doi.org/10.3989/scimar.04599.06A">10.3989/scimar.04599.06A</a>	Transport pathways of decapod larvae under intense mesoscale activity in the Canary-African coastal transition zone: implications for population connectivity	José M. Landeira , Timothée Brochier , Evan Mason , Fernando Lozano-Soldevilla , Santiago Hernández-León , Eric D. Barton	Scientia Marina	30.09.2017

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1111/fog.12218">https://doi.org/10.1111/fog.12218</a>	Effect of environmental conditions on the seasonal and inter-annual variability of small pelagic fish abundance off North-West Africa: The case of both Senegalese sardinella	Modou Thiaw , Pierre-Amaël Auger , Fambaye Ngom , Timothée Brochier , Saliou Faye , Ousmane Diakha , Patrice Brehmer	Fisheries Oceanography	01.09.2017
<a href="https://doi.org/10.1002/2016JC012330">10.1002/2016JC012330</a>	Modification of sea surface temperature by chlorophyll concentration in the Atlantic upwelling systems	O. Hernandez , J. Jouanno , V. Echevin , O. Aumont	Journal of Geophysical Research: Oceans	01.07.2017
<a href="https://doi.org/10.1016/j.jmarsys.2017.07.007">10.1016/j.jmarsys.2017.07.007</a>	Origin, development and demise of the 2010–2011 Benguela Niño	Mathieu Rouault , Serena Illig , Joke Lübbecke , Rodrigue Anicet Imbol Koungue	Journal of Marine Systems	01.07.2017
<a href="https://doi.org/10.1007/s00382-017-3760-4">10.1007/s00382-017-3760-4</a>	Alleviating tropical Atlantic sector biases in the Kiel climate model by enhancing horizontal and vertical atmosphere model resolution: climatology and interannual variability	Jan Harlaß , Mojib Latif , Wonsun Park	Climate Dynamics	14.06.2017
<a href="https://doi.org/10.1175/JPO-D-16-0126.1">10.1175/JPO-D-16-0126.1</a>	Respective Roles of the Guinea Current and Local Winds on the Coastal Upwelling in the Northern Gulf of Guinea	S. Djakouré , P. Penven , B. Bourlès , V. Koné , J. Veitch	Journal of Physical Oceanography	01.06.2017
<a href="https://doi.org/10.1002/2016JC012463">10.1002/2016JC012463</a>	Role of interannual Kelvin wave propagations in the equatorial Atlantic on the Angola Benguela Current system	Rodrigue Anicet Imbol Koungue , Serena Illig , Mathieu Rouault	Journal of Geophysical Research: Oceans	01.06.2017
<a href="https://doi.org/10.1002/2017GL072789">10.1002/2017GL072789</a>	Dynamics of a “low-enrichment high-retention” upwelling center over the southern Senegal shelf	Siny Ndoye , Xavier Capet , Philippe Estrade , Bamol Sow , Eric Machu , Timothée Brochier , Julian Döring , Patrice Brehmer	Geophysical Research Letters	28.05.2017
<a href="https://doi.org/10.1002/2016GL072355">10.1002/2016GL072355</a>	Role of internal variability in recent decadal to multidecadal tropical Pacific climate changes	Mohammad Hadi Bordbar , Thomas Martin , Mojib Latif , Wonsun Park	Geophysical Research Letters	16.05.2017



PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.1016/j.ecss.2016.12.015">10.1016/j.ecss.2016.12.015</a>	Larval fish assemblages across an upwelling front: Indication for active and passive retention	Maik Tiedemann , Patrice Brehmer	Estuarine, Coastal and Shelf Science	01.03.2017
<a href="https://doi.org/10.1016/j.marpol.2016.11.008">10.1016/j.marpol.2016.11.008</a>	Profitability and economic drivers of small pelagic fisheries in West Africa: A twenty year perspective	Aliou Ba , Jörn Schmidt , Moustpha Dème , Kira Lancker , Christian Chaboud , Philippe Cury , Djiga Thiao , Malick Diouf , Patrice Brehmer	Marine Policy	01.02.2017
<a href="https://doi.org/10.1002/2016JC012374">10.1002/2016JC012374</a>	The Angola Current: Flow and hydrographic characteristics as observed at 11°S	R. Kopte , P. Brandt , M. Dengler , P. C. M. Tchipalanga , M. Macuéria , M. Ostrowski	Journal of Geophysical Research: Oceans	01.02.2017
<a href="https://doi.org/10.1016/j.pocean.2016.10.008">10.1016/j.pocean.2016.10.008</a>	A biophysical model of <i>S. aurita</i> early life history in the northern Gulf of Guinea	Vamara Koné , Christophe Lett , Pierrick Penven , Bernard Bourlès , Sandrine Djakouré	Progress in Oceanography	01.02.2017
<a href="https://doi.org/10.5194/esd-8-1061-2017">10.5194/esd-8-1061-2017</a>	Equatorial Atlantic interannual variability and its relation to dynamic and thermodynamic processes	Julien Jouanno , Olga Hernandez , Emilia Sanchez-Gomez	Earth System Dynamics	01.01.2017
<a href="https://doi.org/10.1002/2016JC012347">10.1002/2016JC012347</a>	Interannual variability of tropical Pacific sea level from 1993 to 2014	Xiaoting Zhu , Richard J. Greatbatch , Martin Claus	Journal of Geophysical Research: Oceans	01.01.2017
<a href="https://doi.org/10.1002/2016JC012342">10.1002/2016JC012342</a>	Importance of the Equatorial Undercurrent on the sea surface salinity in the eastern equatorial Atlantic in boreal spring	C. Y. Da-Allada , J. Jouanno , F. Gaillard , N. Kolodziejczyk , C. Maes , N. Reul , B. Bourlès	Journal of Geophysical Research: Oceans	01.01.2017

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.3319/TAO.2016.08.29.01">10.3319/TAO.2016.08.29.01</a>	Sea surface temperature patterns in the Tropical Atlantic: Principal component analysis and nonlinear principal component analysis	Christian Sadem Kenfack , François Kamga Mkankam , Gaël Alory , Yves du Penhoat , Mahouton Norbert Hounkonnou , Derbetini Appolinaire Vondou , Bawe Gerard Nfor Jr.	Terrestrial, Atmospheric and Oceanic Sciences	01.01.2017
<a href="https://doi.org/10.1051/alr/2017027">10.1051/alr/2017027</a>	Studying the contribution of different fishing gears to the Sardinella small-scale fishery in Senegalese waters	Ousmane Diankha , Hervé Demarcq , Massal Fall , Djiga Thiao , Modou Thiaw , Bamol Ali Sow , Amadou Thierno Gaye , Patrice Brehmer	Aquatic Living Resources	01.01.2017
<a href="https://doi.org/10.1175/JPO-D-16-0140.1">10.1175/JPO-D-16-0140.1</a>	Forcing of the Atlantic Equatorial Deep Jets Derived from Observations	Martin Claus , Richard J. Greatbatch , Peter Brandt , John M. Toole	Journal of Physical Oceanography	01.12.2016
<a href="https://doi.org/10.3402/tellusa.v68.32437">10.3402/tellusa.v68.32437</a>	Flow-dependent assimilation of sea surface temperature in isopycnal coordinates with the Norwegian Climate Prediction Model	François Counillon , Noel Keenlyside , Ingo Bethke , Yiguo Wang , Sebastien Billeau , Mao Lin Shen , Mats Bentsen	Tellus, Series A: Dynamic Meteorology and Oceanography	01.12.2016
<a href="https://doi.org/10.1175/JCLI-D-16-0117.1">10.1175/JCLI-D-16-0117.1</a>	Benefits of Increasing the Model Resolution for the Seasonal Forecast Quality in EC-Earth	C. Prodhomme , L. Batté , F. Massonnet , P. Davini , O. Bellprat , V. Guemas , F. J. Doblas-Reyes	Journal of Climate	01.12.2016
<a href="https://doi.org/10.1007/s00382-015-2738-3">10.1007/s00382-015-2738-3</a>	Decadal prediction of Sahel rainfall using dynamics-based indices	Noelia Otero , Elsa Mohino , Marco Gaetani	Climate Dynamics	01.12.2016

PREFACE peer-reviewed publications  
(as of November 2018)

D.O.I.	Title	Author(s)	Title of the periodical or the series	Publication date
<a href="https://doi.org/10.1175/BAMS-D-15-00274.1">10.1175/BAMS-D-15-00274.1</a>	Challenges and Prospects for Reducing Coupled Climate Model SST Biases in the Eastern Tropical Atlantic and Pacific Oceans: The U.S. CLIVAR Eastern Tropical Oceans Synthesis Working Group	Paquita Zuidema , Ping Chang , Brian Medeiros , Ben P. Kirtman , Roberto Mechoso , Edwin K. Schneider , Thomas Toniazzo , Ingo Richter , R. Justin Small , Katinka Bellomo , Peter Brandt , Simon de Szoeke , J. Thomas Farrar , Eunsil Jung , Seiji Kato , Mingkui Li , Christina Patricola , Zaiyu Wang , Robert Wood , Zhao Xu	Bulletin of the American Meteorological Society	01.12.2016
<a href="https://doi.org/10.1007/s00382-016-3421-z">10.1007/s00382-016-3421-z</a>	The El Niño effect on Ethiopian summer rainfall	Stephanie Gleixner , Noel Keenlyside , Ellen Viste , Diriba Korecha	Climate Dynamics	03.11.2016
<a href="https://doi.org/10.1175/JPO-D-15-0247.1">10.1175/JPO-D-15-0247.1</a>	On the dynamics of the southern Senegal upwelling center: observed variability from synoptic to super-inertial scales	Xavier Capet , Philippe Estrade , Eric Machu , Siny Ndoye , Jacques Grelet , Alban Lazar , Louis Marié , Denis Dausse , Patrice Brehmer	Journal of Physical Oceanography	02.11.2016
<a href="https://doi.org/10.1007/s00382-016-3015-9">10.1007/s00382-016-3015-9</a>	Abrupt transitions in the NAO control of explosive North Atlantic cyclone development	Iñigo Gómara , Belén Rodríguez-Fonseca , Pablo Zurita-Gotor , Sven Ulbrich , Joaquim G. Pinto	Climate Dynamics	01.11.2016
<a href="https://doi.org/10.1175/JCLI-D-15-0596.1">10.1175/JCLI-D-15-0596.1</a>	Multidecadal Modulation of ENSO Teleconnection with Europe in Late Winter: Analysis of CMIP5 Models	Jorge López Parages , Belén Rodríguez de Fonseca , Elsa Mohino , Teresa Losada	Journal of Climate	01.11.2016

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1007/s00382-016-3416-9">10.1007/s00382-016-3416-9</a>	Decadal prediction of Sahel rainfall: where does the skill (or lack thereof) come from?	Elsa Mohino , Noel Keenlyside , Holger Pohlmann	Climate Dynamics	31.10.2016
<a href="https://doi.org/10.1002/2016GL071150">10.1002/2016GL071150</a>	Can reducing the incoming energy flux over the Southern Ocean in a CGCM improve its simulation of tropical climate?	Carlos R. Mechoso , Teresa Losada , Shunya Koseki , Elsa Mohino-Harris , Noel Keenlyside , Antonio Castaño-Tierno , Timothy A. Myers , Belen Rodriguez-Fonseca , Thomas Toniazzo	Geophysical Research Letters	28.10.2016
<a href="https://doi.org/10.1175/JPO-D-15-0248.1">10.1175/JPO-D-15-0248.1</a>	Annual and Semiannual Cycle of Equatorial Atlantic Circulation Associated with Basin-Mode Resonance	Peter Brandt , Martin Claus , Richard J. Greatbatch , Robert Kopte , John M. Toole , William E. Johns , Claus W. Böning	Journal of Physical Oceanography	01.10.2016
<a href="http://dx.doi.org/10.1175/JCLI-D-15-0894.1">http://dx.doi.org/10.1175/JCLI-D-15-0894.1</a>	An equatorial-extratropical dipole structure of the Atlantic Niño	Hyacinth C. Nnamchi , Jianping Li , Fred Kucharski , In-Sik Kang , Noel S. Keenlyside , Ping Chang , Riccardo Farneti	Journal of Climate	27.09.2016
<a href="https://doi.org/10.1002/2016JC011959">10.1002/2016JC011959</a>	New insights on the upper layer circulation north of the Gulf of Guinea	G. Herbert , B. Bourlès , P. Penven , J. Grelet	Journal of Geophysical Research: Oceans	13.09.2016
<a href="https://doi.org/10.1016/j.jmarsys.2016.09.003">10.1016/j.jmarsys.2016.09.003</a>	Seasonal to interannual variability of water mass characteristics and currents on the Namibian shelf	Tim Junker , Volker Mohrholz , Lydia Siegfried , Anja van der Plas	Journal of Marine Systems	12.09.2016
<a href="https://doi.org/10.1007/s00382-016-3319-9">10.1007/s00382-016-3319-9</a>	The South Atlantic Anticyclone as a key player for the representation of the tropical Atlantic climate in coupled climate models	William Cabos , Dmitry V. Sein , Joaquim G. Pinto , Andreas H. Fink , Nikolay V. Koldunov , Francisco Alvarez , Alfredo Izquierdo , Noel Keenlyside , Daniela Jacob	Climate Dynamics	19.08.2016

PREFACE peer-reviewed publications  
(as of November 2018)

D.O.I.	Title	Author(s)	Title of the periodical or the series	Publication date
<a href="https://doi.org/10.3390/atmos7070087">10.3390/atmos7070087</a>	A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal	Belén Rodríguez-Fonseca , Roberto Suárez-Moreno , Blanca Ayarzagüena , Jorge López-Parages , Iñigo Gómara , Julián Villamayor , Elsa Mohino , Teresa Losada , Antonio Castaño-Tierno	Atmosphere	01.07.2016
<a href="https://doi.org/10.1002/2016JC011719">10.1002/2016JC011719</a>	Revisiting the cause of the eastern equatorial Atlantic cold event in 2009 On the range of future Sahel precipitation projections and the selection of a sub-sample of CMIP5 models for impact studies	Kristin Burmeister , Peter Brandt , Joke F. Lübbecke	Journal of Geophysical Research: Oceans	01.07.2016
<a href="https://doi.org/10.1007/s00382-016-3236-y">10.1007/s00382-016-3236-y</a>	Interannual to interdecadal variability of winter and summer southern African rainfall, and their teleconnections	Paul-Arthur Monerie , Emilia Sanchez-Gomez , Julien Boé	Climate Dynamics	16.06.2016
<a href="https://doi.org/10.1002/2015JD024576">10.1002/2015JD024576</a>	Impact of the Madden Julian Oscillation on the summer West African monsoon in AMIP simulations	Bastien Dieppois , Benjamin Pohl , Mathieu Rouault , Mark New , Damian Lawler , Noel Keenlyside	Journal of Geophysical Research: Atmospheres	16.06.2016
<a href="https://doi.org/10.1007/s00382-016-3206-4">10.1007/s00382-016-3206-4</a>	Resilience of Key Biological Parameters of the Senegalese Flat Sardinella to Overfishing and Climate Change	Coumba Niang , Elsa Mohino , Amadou T. Gaye , J. Bayo Omotosho Kamarel Ba , Modou Thiaw , Najih Lazar , Alassane Sarr , Timothée Brochier , Ismaïla Ndiaye , Alioune Faye , Oumar Sadio , Jacques Panfili , Omar Thiom Thiaw , Patrice Brehmer	Climate Dynamics	16.06.2016
<a href="https://doi.org/10.1371/journal.pone.0156143">10.1371/journal.pone.0156143</a>			PLoS One	09.06.2016

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1007/s00382-016-3180-x">10.1007/s00382-016-3180-x</a>	Uncertainty in twenty-first century projections of the Atlantic Meridional Overturning Circulation in CMIP3 and CMIP5 models	Annika Reintges , Thomas Martin , Mojib Latif , Noel S. Keenlyside	Climate Dynamics	26.05.2016
<a href="https://doi.org/10.5194/bg-2016-156">10.5194/bg-2016-156</a>	What drives the spatial variability of primary productivity and matter fluxes in the North-West African upwelling system? A modelling approach and box analysis	Pierre-Amaël Auger , Thomas Gorgues , Eric Machu , Olivier Aumont , Patrice Brehmer	Biogeosciences Discussions	04.05.2016
<a href="https://doi.org/10.1002/2015JC011021">10.1002/2015JC011021</a>	Do the Amazon and Orinoco freshwater plumes really matter for hurricane-induced ocean surface cooling?	O. Hernandez , J. Jouanno , F. Durand	Journal of Geophysical Research: Oceans	01.04.2016
<a href="https://doi.org/10.1007/s00382-015-2678-y">10.1007/s00382-015-2678-y</a>	Drift dynamics in a coupled model initialized for decadal forecasts	Emilia Sanchez-Gomez , Christophe Cassou , Yohan Ruprich-Robert , Elodie Fernandez , Laurent Terray	Climate Dynamics	01.03.2016
<a href="https://doi.org/10.1007/s00382-016-2992-z">10.1007/s00382-016-2992-z</a>	The Bjerknes feedback in the tropical Atlantic in CMIP5 models	Anna-Lena Deppenmeier , Reindert J. Haarsma , Wilco Hazeleger	Climate Dynamics	10.02.2016
<a href="https://doi.org/10.1002/2015GL067284">10.1002/2015GL067284</a>	A decadal-delayed response of the tropical Pacific to Atlantic multidecadal variability	Davide Zanchettin , Oliver Bothe , Hans F. Graf , Nour-Eddine Omrani , Angelo Rubino , Johann H. Jungclaus	Geophysical Research Letters	28.01.2016
<a href="https://doi.org/10.1002/2015GL066764">10.1002/2015GL066764</a>	Air moisture control on ocean surface temperature, hidden key to the warm bias enigma	Frédéric Hourdin , Alina Găinuşă-Bogdan , Pascale Braconnot , Jean-Louis Dufresne , Aboul-Khadre Traore , Catherine Rio	Geophysical Research Letters	28.12.2015

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1038/ncomms9895">10.1038/ncomms9895</a>	Thermodynamic controls of the Atlantic Niño	Hyacinth C. Nnamchi , Jianping Li , Fred Kucharski , In-Sik Kang , Noel S. Keenlyside , Ping Chang , Riccardo Farneti	Nature Communications	26.11.2015
<a href="https://doi.org/10.1007/s00382-015-2892-7">10.1007/s00382-015-2892-7</a>	Seasonal influence of the sea surface temperature on the low atmospheric circulation and precipitation in the eastern equatorial Atlantic	Rémi Meynadier , Gaëlle de Coëtlogon , Marion Leduc- Leballeur , Laurence Eymard , Serge Janicot	Climate Dynamics	17.11.2015
<a href="https://doi.org/10.1007/s00382-015-2897-2">10.1007/s00382-015-2897-2</a>	Tropical atmospheric response to decadal changes in the Atlantic Equatorial Mode	T. Losada , B. Rodríguez- Fonseca	Climate Dynamics	17.11.2015
<a href="https://doi.org/10.5194/gmd-8-3639-2015">10.5194/gmd-8-3639-2015</a>	CAST v2.0: sea surface temperature based statistical seasonal forecast model	R. Suárez-Moreno , B. Rodríguez-Fonseca	Geoscientific Model Development	06.11.2015
<a href="https://doi.org/10.1002/qj.2657">10.1002/qj.2657</a>	Intraseasonal variability of tropical Atlantic sea-surface temperature: air-sea interaction over upwelling fronts	Moussa Diakhaté , Gaëlle de Coëtlogon , Alban Lazar , Malick Wade , Amadou T. Gaye	Quarterly Journal of the Royal Meteorological Society	29.09.2015
<a href="https://doi.org/10.3389/feart.2015.00055">10.3389/feart.2015.00055</a>	The non-stationary influence of the Atlantic and Pacific Niños on North Eastern South American rainfall	Verónica Torralba , Belén Rodríguez-Fonseca , Elsa Mohino , Teresa Losada	Frontiers in Earth Science	24.09.2015
<a href="https://doi.org/10.3389/fphy.2015.00076">10.3389/fphy.2015.00076</a>	A model study of the seasonality of sea surface temperature and circulation in the Atlantic North-eastern Tropical Upwelling System	Saliou Faye , Alban Lazar , Bamol A. Sow , Amadou T. Gaye	Frontiers in Physics	15.09.2015
<a href="https://doi.org/10.1007/s10236-015-0868-0">10.1007/s10236-015-0868-0</a>	Multiple timescales of stochastically forced North Atlantic Ocean variability: A model study	Jennifer V. Mecking , Noel S. Keenlyside , Richard J. Greatbatch	Ocean Dynamics	01.09.2015

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1002/2015GL065062">10.1002/2015GL065062</a>	Atlantic opportunities for ENSO prediction	Marta Martín-Rey , Belén Rodríguez-Fonseca , Irene Polo	Geophysical Research Letters	28.08.2015
<a href="https://doi.org/10.1007/s10236-015-0855-5">10.1007/s10236-015-0855-5</a>	Influence of the equatorial deep jets on the north equatorial countercurrent	Jan-Dirk Matthießen , Richard J. Greatbatch , Peter Brandt , Martin Claus , Sven-Helge Didwischus	Ocean Dynamics	01.08.2015
<a href="https://doi.org/10.1002/2015GL065095">10.1002/2015GL065095</a>	The Madden-Julian Oscillation in a warmer world	Chiung-Wen June Chang , Wan-Ling Tseng , Huang-Hsiung Hsu , Noel Keenlyside , Ben-Jei Tsuang	Geophysical Research Letters	28.07.2015
<a href="https://doi.org/10.3389/feart.2015.00037">10.3389/feart.2015.00037</a>	Growth and decay of the equatorial Atlantic SST mode by means of closed heat budget in a coupled general circulation model	Irene Polo , Alban Lazar , Belen Rodriguez-Fonseca , Juliette Mignot	Frontiers in Earth Science	24.07.2015
<a href="https://doi.org/10.1002/2015GL064799">10.1002/2015GL064799</a>	The impact of sea surface temperature bias on equatorial Atlantic interannual variability in partially coupled model experiments	Hui Ding , Richard J. Greatbatch , Mojib Latif , Wonsun Park	Geophysical Research Letters	16.07.2015
<a href="https://doi.org/10.1002/qj.2483">10.1002/qj.2483</a>	Sensitivity testing of WRF parameterizations on air-sea interaction and its impact on water cycle in the Gulf of Guinea	Rémi Meynadier , G. de Coëtlogon , S. Bastin , L. Eymard , S. Janicot	Quarterly Journal of the Royal Meteorological Society	01.07.2015
10.1002/qj.2483	Sensitivity testing of WRF parameterizations on air-sea interaction and its impact on water cycle in the Gulf of Guinea	Rémi Meynadier , G. de Coëtlogon , S. Bastin , L. Eymard , S. Janicot	Quarterly Journal of the Royal Meteorological Society	01.07.2015
<a href="https://doi.org/10.1002/2015JC010865">10.1002/2015JC010865</a>	On the seasonal variations of salinity of the tropical Atlantic mixed layer	I. Camara , Nicolas Kolodziejczyk , Juliette Mignot , Alban Lazar , Amadou T. Gaye	Journal of Geophysical Research: Oceans	19.06.2015



PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1175/JPO-D-14-0171.1">10.1175/JPO-D-14-0171.1</a>	The Deep Equatorial Ocean Circulation in Wind-Forced Numerical Solutions*	François Ascani , Eric Firing , Julian P. McCreary , Peter Brandt , Richard J. Greatbatch	Journal of Physical Oceanography	01.06.2015
<a href="https://doi.org/10.1016/j.jmarsys.2014.11.006">10.1016/j.jmarsys.2014.11.006</a>	Ecosystem change in the southern Benguela and the underlying processes	Laura K. Blamey , Lynne J. Shannon , John J. Bolton , Robert J.M. Crawford , Francois Dufois , Hayley Evers-King , Charles L. Griffiths , Laurence Hutchings	Journal of Marine Systems	01.04.2015
<a href="https://doi.org/10.1016/j.jmarsys.2014.10.006">10.1016/j.jmarsys.2014.10.006</a>	The relation of wind stress curl and meridional transport in the Benguela upwelling system	, Astrid Jarre , Mathieu Rouault , Katherine E. Watermeyer , Henning Winker Tim Junker , Martin Schmidt , Volker Mohrholz	Journal of Marine Systems	01.03.2015
<a href="https://doi.org/10.1111/fog.12068">10.1111/fog.12068</a>	Spatial dynamics of the bearded goby and its key fish predators off Namibia vary with climate and oxygen availability	Anne Gro V. Salvanes , Chris Bartholomae , Dawit Yemane , Mark J. Gibbons , Paul Kainge , Jens-Otto Krakstad , Mathieu Rouault , Arved Staby , Svein Sundby	Fisheries Oceanography	01.03.2015
<a href="https://doi.org/10.1002/2014GL062473">10.1002/2014GL062473</a>	Robust Sahel drought due to the Interdecadal Pacific Oscillation in CMIP5 simulations	Julián Villamayor and Elsa Mohino	Geophysical Research Letters	28.02.2015
<a href="https://doi.org/10.1002/2015GL063310">10.1002/2015GL063310</a>	Improving Climate Model Simulation of Tropical Atlantic Sea Surface Temperature: The Importance of Enhanced Vertical Atmosphere Model Resolution	Jan Harlaß , Mojib Latif , Wonsun Park	Geophysical Research Letters	24.02.2015

PREFACE peer-reviewed publications  
(as of November 2018)

D.O.I.	Title	Author(s)	Title of the periodical or the series	Publication date
<a href="https://doi.org/10.1175/JCLI-D-14-00130.1">10.1175/JCLI-D-14-00130.1</a>	Variability and Predictability of West African Droughts: A Review of the Role of Sea Surface Temperature Anomalies	Belen Rodríguez-Fonseca , Elsa Mohino , Carlos. R. Mechoso , Cyril Caminade , Michela Biasutti , Marco Gaetani , J. Garcia-Serrano , Edward K. Vizy , Kerry Cook , Yongkang Xue , Irene Polo , Teresa Losada , Leonard Druyan , Bernard Fontaine , Juergen Bader , Francisco J. Doblas-Reyes , Lisa Goddard , Serge Janicot , Alberto Arribas , William Lau , Andrew Colman , M. Vellinga , David P. Rowell , Fred Kucharski , Aurore Voldoire	Journal of Climate	09.02.2015
<a href="https://doi.org/10.1002/2014JC010384">10.1002/2014JC010384</a>	The impact of mean state errors on equatorial Atlantic interannual variability in a climate model	Hui Ding , Noel Keenlyside , Mojib Latif , Wonsun Park , Sebastian Wahl	Journal of Geophysical Research: Oceans	01.02.2015
<a href="https://doi.org/10.1007/s00382-015-2480-x">10.1007/s00382-015-2480-x</a>	Impacts of the Atlantic Equatorial Mode in a warmer climate	Elsa Mohino , Teresa Losada	Climate Dynamics	20.01.2015
<a href="https://doi.org/10.1007/s00382-015-2480-x">10.1007/s00382-015-2480-x</a>	The impact of ENSO on Southern African rainfall in CMIP5 ocean atmosphere coupled climate models	Bastien Dieppois , Mathieu Rouault , Mark New	Climate Dynamics	18.01.2015
<a href="https://doi.org/10.1007/s00382-014-2354-7">10.1007/s00382-014-2354-7</a>	Processes in the Pacific La Niña onset triggered by the Atlantic Niño	Irene Polo , Marta Martin- Rey , Belen Rodriguez- Fonseca , Fred Kucharski , Carlos Roberto Mechoso	Climate Dynamics	01.01.2015

PREFACE peer-reviewed publications  
(as of November 2018)

<b>D.O.I.</b>	<b>Title</b>	<b>Author(s)</b>	<b>Title of the periodical or the series</b>	<b>Publication date</b>
<a href="https://doi.org/10.1111/fog.12094">10.1111/fog.12094</a>	Do Sardinella aurita spawning seasons match local retention patterns in the Senegalese-Mauritanian upwelling region?	Baye Cheikh Mbaye , Timothée Brochier , Vincent Echevin , Alban Lazar , Marina Lévy , Evan Mason , Amadou Thierno Gaye , Eric Machu	Fisheries Oceanography	01.01.2015
<a href="https://doi.org/10.1007/s10236-014-0775-9">10.1007/s10236-014-0775-9</a>	Modeled mixed-layer salinity balance in the Gulf of Guinea: seasonal and interannual variability	Casimir Y. Da-Allada , Yves du Penhoat , Julien Jouanno , Gael Alory , Norbert Mahouton Hounkonnou	Ocean Dynamics	01.12.2014
<a href="https://doi.org/10.1007/s00382-014-2339-6">10.1007/s00382-014-2339-6</a>	Diapycnal heat flux and mixed layer heat budget within the Atlantic Cold Tongue	Rebecca Hummels , Marcus Dengler , Peter Brandt , Michael Schlundt S. Ndoye , X. Capet , P.	Climate Dynamics	01.12.2014
<a href="https://doi.org/10.1002/2014JC010242">10.1002/2014JC010242</a>	SST patterns and dynamics of the southern Senegal-Gambia upwelling center	Estrade , B. Sow , D. Dagorne , A. Lazar , A. Gaye , P. Brehmer	Journal of Geophysical Research: Oceans	01.12.2014
<a href="https://doi.org/10.1002/2014JC010021">10.1002/2014JC010021</a>	Mixed layer heat and salinity budgets during the onset of the 2011 Atlantic cold tongue	Michael Schlundt , Peter Brandt , Marcus Dengler , Rebecca Hummels , Tim Fischer , Karl Bumke , Gerd Krahmman , Johannes Karstensen	Journal of Geophysical Research: Oceans	01.11.2014
<a href="https://doi.org/10.1007/s00382-014-2315-1">10.1007/s00382-014-2315-1</a>	Resolving the upper-ocean warm layer improves the simulation of the Madden–Julian oscillation	Wan-Ling Tseng , Ben-Jei Tsuang , Noel S. Keenlyside , Huang-Hsiung Hsu , Chia-Ying Tu	Climate Dynamics	03.09.2014
<a href="https://doi.org/10.1007/s00382-014-2305-3">10.1007/s00382-014-2305-3</a>	On the Atlantic–Pacific Niños connection: a multidecadal modulated mode	Marta Martín-Rey , Belén Rodríguez-Fonseca , Irene Polo , Fred Kucharski	Climate Dynamics	31.08.2014

PREFACE peer-reviewed publications  
(as of November 2018)

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<a href="https://doi.org/10.2989/1814232X.2014.927398">10.2989/1814232X.2014.927398</a>	Causes for the recent increase in sea surface salinity in the north-eastern Gulf of Guinea	CY Da-Allada , G Alory , Y du Penhoat , J Jouanno , MN Hounkonnou , E Kestenare	African Journal of Marine Science	03.04.2014
<a href="https://doi.org/10.1002/2013GL059076">10.1002/2013GL059076</a>	Marine-based multiproxy reconstruction of Atlantic multidecadal variability	Lea Svendsen , Steffen Hetzinger , Noel Keenlyside , Yongqi Gao	Geophysical Research Letters	06.02.2014