



CLARIS | LPB

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A Europe-South America Network for Climate Change Assessment
And Impact studies in La Plata Basin



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Deliverables

Instrument: **SP1 Cooperation**

Thematic Priority: **Priority Area 1.1.6.3 "Global Change and Ecosystems"**

FP7 Collaborative Project – Grant Agreement 212492

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DELIVERABLES

D4.6: Scientific articles/report on the role of SSTs trends in tropics/extra tropics during the 20th century for combining multi-model in explaining past precipitation changes in the LPB.

Due date of deliverable: Month 30

Start date of project: **01/10/2008**

Duration: **4 years**

Organization name of lead contractor for this deliverable: P12-UFPR



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Deliverables

Deliverable No	Deliverable title	WP	Lead beneficiary	Estimated indicative person-months (permanent staff)	Nature	Dissemination level	Delivery date
D4.6	Scientific articles/report on the role of SSTs trends in tropics/extra tropics during the 20th century for combining multi-model in explaining past precipitation changes in the LPB.	WP4	P12-UFPR	26,65	R	PU	30

This deliverable is tightly connected with deliverable 4.7. To avoid repetition we list here several publications related with the deliverable and expand in the report of deliverable 4.7.

Publications

Authors: Barreiro, M. and N. Diaz, 2011

Institutions: Universidad de la República, Uruguay.

Title: Land-atmosphere coupling in El Niño influence over South America.

Journal: *Atmospheric Science Letters*, DOI: 10.1002/asl.348.

Authors: Barreiro, M., A. Marti, and C. Masoller

Institutions: Universidad de la República, Uruguay/Universidad Politecnica de Cataluña, Spain.

Title: Inferring long memory processes in the climate network via ordinal pattern analysis

Journal: *Chaos 21*, 013101, doi:10.1063/1.3545273

Authors: Bombardi, R. and L. M. V. Carvalho, 2010

Institutions: Universidade de Sao Paulo, University of California Santa Barbara

Title: The South Atlantic dipole and variations in the characteristics of the South American Monsoon in the WCRP-CMIP3 multimodel simulations.

Journal: *Climate Dynamics* DOI 10.1007/s00382-010-0836-9

Authors: Cazes-Boezio G., and S. Talento, 2011

Institutions: Universidad de la República, Uruguay

Title: La niña events before and after 1979 and their impact over southeastern South America in summer. The role of the Indian ocean.

Journal: *International Journal of Climatology* (under review).

Authors: Cherchi, A., A. Alessandri, S. Masina, and A. Navarra, 2010

Institutions: Centro Euro-Mediterraneo per i Cambiamenti Climatici/Istituto Nazionale di Geofisica e Vulcanologia., Italy.

Title: Effects of increased CO₂ levels on monsoons.

Journal: *Climate Dynamics* DOI: 10.1007/s00382-010-0801-7

Authors: Penalba, O. C. and M. L. Bettolli, 2011

Institutions: Universidad de Buenos Aires, Argentina

Title: Climate change impacts on atmospheric circulation and daily precipitation in the Argentine Pampas region

Journal: *Climate Change / Book 1*, ISBN 978-953-307-419-1 (under review).