

## CURRICULUM VITAE

ANDREA FABIANA CARRIL

**Centro de Investigaciones  
del Mar y la Atmósfera**  
(CIMA/CONICET-UBA)

**Instituto Franco-Argentino sobre Estudios de Clima  
y sus Impactos**  
(UMI-IFAECI/CNRS-IRD-CONICET-UBA)

**Deputy Director**



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## EDUCATION

1999-2001: Post-doc, Research Centre for the Sea and the Atmosphere (ISAO-CNR), Bologna, Italy  
1998: Ph.D. Atmospheric Sciences, Buenos Aires University, Argentina  
1994: Msc. Atmospheric Sciences, Buenos Aires University, Argentina

### *Other Relevant Courses and Trainings*

- Course on Climate Geopolitics: International Relations in a Warming World. Organized by the French-Argentinean Institute for the Study of Climate and its Impacts (UMI-IFAECI CNRS-CONICET-UBA), the French- Argentine Center for Advanced Studies (CFA-UBA), the Center for Oceanic and Atmospheric Research (CIMA/CONICET-UBA) and the Faculty of Exact and Natural Sciences of the University of Buenos Aires (FCEN-UBA). Buenos Aires, Argentina, 2016.
- Seasonal to Interannual Variability – its prediction and Impact on Society, NATO Advanced Study Institute, Gallipoli, Italy, 2005.
- PRISM Training Session on Setup and Running a Coupled Atmosphere-Ocean GCM using OASIS3, University of Hamburg, Germany, 2003.
- Nonlinear Phenomena in Global Climate Dynamics. International Centre for Theoretical Physics, ICTP, Trieste, Italy, 2000.
- Geophysical Fluid Dynamics. International Centre for Theoretical Physics (ICTP), Trieste, Italy, 1996.
- Regional Training Course on Practical Applications of Short-Term Climate Predictions to Hydrology and Water Resources Management in Central and South America. Litoral University, Santa Fe, Argentina, 1995.

## EMPLOYMENT HISTORY

- 7/2007-present: Senior Researcher, Research Center for the Sea and the Atmosphere (CIMA, CONICET-UBA), Argentina.
- 2014: Associate Professor, National University of the Center of Buenos Aires Province (UNICEN), Tandil, Argentina.
- 2009-2012: Associate Professor, Department of Atmospheric Sciences (DCAO/FCEN/UBA), University of Buenos Aires, Argentina.
- 1/2002-5/2007: Junior Researcher, National Institute of Geophysics and Volcanology (INGV), Bologna, Italy
- 2005-2006: Contract Professor, “Corso di Alta Formazione, Cooperazione Ambientale e Politiche di Sviluppo Sostenibile” (Code 035-05/06, Bando anno 2005/06, Area didattica “Politiche Ambientali ed Accordi Multilaterali: dalla Conferenza di Rio al Protocollo di Kyoto”), University of Bologna, Italy.
- 1999-2001: Post-doc, Research Centre for the Sea and the Atmosphere (ISAO/CNR), Bologna, Italy
- 8/1996-9/1996: Contract Professor, “Climate system and climate change”. High-School Teachers Upgrade Federal Network, National Council of Education, Argentina.
- 1994 -1998: Ph.D. Student, Research Center for the Sea and the Atmosphere (CIMA-CONICET), Buenos Aires University, Argentina.

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### *Visiting Positions*

- 2012, 2008: Invited Researcher, Centro Euro-Mediterraneo per i Cambiamenti Climatici (CMCC), Bologna, Italia.
- 2/2007: Invited Professor, in “Master of 2nd level in Global Environmental Protection and International Policies”, University of Tuscia, Rome, Italy.
- 2/2006: Invited professor to teach the “Training Course on Practical Applications on Climate Variability Studies” at the Department of Atmospheric and Oceanic Sciences (DCAO/FCEN), University of Buenos Aires, Argentina. Course organized in the framework of CLARIS EU Project (GOCE-CT-2003-01454).
- 1998, 1997: Invited Graduate Student, Laboratoire de Météorologie Dynamique (LMD/CNRS), Paris, France.

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### *Consultant Activities*

- 12/2018-6/2019: Diagnóstico y prospectiva climática a largo plazo de las cuencas fluviales andinas. Servicios Tecnológicos de Alto Nivel (STAN, código ST4309). Consultancy Service for the Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales (IANIGLA/CONICET), Mendoza, Argentina, supported by Newton Funds. Role: Expert advisor (“Responsable técnico”).
- 10/2013-3/2014: Climate change in Argentina: trends and projections. Third National Communication of Argentina to the United Nations Framework Convention on Climate Change (UNFCCC). Consultancy Service for the Department of Environment and Sustainable Development of the Nation (SAyDS). Role: expert climatologist.
- 2012: On the analysis of the extreme events over South America, based on numerical simulations. Expert advisor, Euro-Mediterranean Centre for Climate Change (CMCC, Research Division on Numerical Applications and Scenarios), Bologna, Italy. Role: PI, expert advisor.
- 2012: On the analysis of the extreme events over South America and their relationship with tropical teleconnections. Expert advisor, Euro-Mediterranean Centre for Climate Change (CMCC, Research Division on Numerical Applications and Scenarios), Bologna, Italy. Role: PI, expert advisor.
- 2007: On the analysis of the extreme events over the Euro-Mediterranean region. Expert advisor, Euro-Mediterranean Centre for Climate Change (CMCC, Research Division on Numerical Applications and Scenarios), Bologna, Italy. Role: PI, expert advisor

## EDITORIAL ACTIVITIES

- 2015-2016: Executive guest editor, CLARIS-LPB Special Issue, Climate Research
- 2010-2014: Executive editor, Meteorologica, Argentinean Centre of Meteorologists (CAM)
- 2011-2012: Director of Meteorologica, Argentinean Centre of Meteorologists (CAM)
- 2011-2012: Editorial board member, ISRN Meteorology, Hindawi Publishing Corporation.

### *Ad-Hoc Reviewer*

- Expert Reviewer for the First Order Draft of the IPCC Special Report on Climate Change and Land (SRCCL), 2018
- Climate Research, Inter-Research Science Center
- International Journal of Climatology, Royal Meteorological Society, Reading, UK.
- Critical Reviews in Environmental Science and Technology, Taylor & Francis Group, Philadelphia.
- Geophysical Research, American Geophysical Union.
- Climatic Change, Springer
- Climate Dynamics, Springer.
- Theoretical and Applied Climatology, Springer
- Meteorologica, Centro Argentino de Meteorólogos (CAM)
- Revista Brasileira de Meteorologia

## MANAGEMENT ACTIVITIES

- Deputy Director, Argentinian-French Institute for the Study of Climate and its Impacts (UMI-3351-IFAECI/CNRS-CONICET-UBA), 1/2016-present.
- Deputy Director, Research Centre of Sea and Atmosphere (CIMA/CONICET-UBA), 6/2015-present.

## COMMITTEE ACTIVITIES AND EXPERT EVALUATOR

- Advisory board member of the National Research Council (CONICET, Comisión Asesora de Ciencias de la Tierra, del Agua y de la Atmósfera para Promociones e Informes), 2020-2021.
- Member of the Scientific Committee and Host Professor on Course “La transición energética, un enfoque desde las ciencias sociales”, Organized by the French-Argentinean Institute for the Study of Climate and its Impacts (UMI-IFAECI CNRS-CONICET-UBA) and the French- Argentine Center for Advanced Studies (CFA-UBA). 10-14 September 2018, CFA-UBA, Buenos Aires, Argentina.
- Expert Evaluator of Project Proposals, CEDIA, Ecuador, 2018-present.
- Advisory board member of the National Research Council (CONICET, Comisión Asesora de Ciencias de la Tierra, del Agua y de la Atmósfera para Becas), 2017-2018.
- Advisory board member of FONCyT to evaluate Project Proposals (Agencia Nacional de Promoción Científica y Tecnológica, ANPCYT). April 2017.
- Member of the Scientific Committee, Course on Climate Geopolitics: International Relations in a Warming World. Organized by the French-Argentinean Institute for the Study of Climate and its Impacts (UMI-IFAECI CNRS-CONICET-UBA), the French- Argentine Center for Advanced Studies (CFA-UBA), the Center for Oceanic and Atmospheric Research (CIMA/CONICET-UBA) and the Faculty of Exact and Natural Sciences of the University of Buenos Aires (FCEN-UBA). 24-28 October 2016, FCEN/UBA, Buenos Aires, Argentina.
- Advisory board member of the National Research Council (CONICET, Comisión Asesora de Ciencias de la Tierra, del Agua y de la Atmósfera para Ingresos), 2016-2017.

- Advisory board member of Research Centre of Sea and Atmosphere (CD, CIMA/CONICET-UBA), 3/2015-present.
- Member of the Technical Staff (CPA) Selection and Evaluation Committee, CIMA/CONICET-UBA, 2010-2017.
- Expert Evaluator of Project Proposals, CONACYT, Paraguay, 2014-present.
- Expert Evaluator of Project Proposals, UBACyT, 2013-present.
- Reviewer of Project Proposals, CONICET, 2011-present.
- Advisory board member of the Department of Atmospheric and Oceanic Sciences (CODEP, DCAO/FCEN), University of Buenos Aires, 1/2014-12/2015.
- Member of the Jury for Staff Selection (JTP part time), DCAO/FCEN/UBA, November 2012.
- Advisory board member of the National Bureau of Science, Technology and Productive Innovation (MINCYT), to design the National Climatic Data System (SNDC), Buenos Aires, Argentina, 2011-2012.
- Member of the Scientific Committee: A regional WCRP/SPARC Workshop with focus on the Southern Hemisphere and South America, Buenos Aires, Argentina, November 2012.
- Chair of the Local Organizing Committee: A regional WCRP/SPARC Workshop with focus on the Southern Hemisphere and South America, Buenos Aires, Argentina, November 2012.
- Pre-selected Membership of the Expert Evaluators Panel, Sixth Research Framework programme, European Commission, Brussels, Belgium, 2005.
- Expert evaluator of Project Proposals, National Science Foundation (NSF), Climate Dynamics Program, 2004.
- Membership of the Expert Evaluators Panel, Fifth Research Framework programme, European Commission, Brussels, Belgium, 2001.

## TRAINING RESPONSABILITIES

- Researchers advisor,  
Pablo Zaninelli (2017-present)
- Post-Doc. Director,  
Pablo Zaninelli (2015-2016)
- Thesis advisor,  
Magdalena Falco (3/2014, Lic. Thesis, FCEN/UBA, Qualification 10/10)  
Pablo Zaninelli (3/2015, PhD. Thesis, FCEN/UBA, Qualification 10/10)  
Magdalena Falco (5/2019, PhD. Thesis, FCEN/UBA, Qualification 10/10)  
Sandra Siles (8/2019, Lic. Thesis, UMSS, Cochabamba, Bolivia, Qualification 90/100)  
Tanea Coronato (PhD. Thesis on progress, FCEN/UBA)  
Cintia Repinaldo (PhD. Thesis on progress, FCEN/UBA)
- Fellows director,  
Tanea Coronato (4/2016-3/2021)  
Pablo Zaninelli (4/2010-3/2015)  
Pablo Zaninelli (4/2015-3/2017)  
Magdalena Falco (4/2014-3/2019)  
Cintia Repinaldo (6/2014-7/2017)
- Internships advisor,  
Flore Martin (École Polytechnique, Université Paris-Saclay, France, 3-8/2018)  
Sandra Siles (UMSS, Bolivia, 2017)  
Noelia López-Franca (UCLM, Spain, 8/2013)  
Noelia López-Franca (UCLM, Spain, 11/2012)

- Thesis jury, FCEN/UBA
  - Francisco Mora (Magister Thesis, FCEN/UBA, 2019)
  - Elio Campitelli (Lic. Thesis, FCEN/UBA, 2018)
  - Leandro Díaz (Lic. Thesis, FCEN/UBA, 2013)
  - Ana Laura Berman (PhD. Thesis, FCEN/UBA, 2012)
  - Oscar Andrés Frumento (PhD. Thesis, FCEN/UBA, 2010)
  - Romina Ruscica (Lic. Thesis, FCEN/UBA, 2009)

## FELLOWSHIPS, AWARDS AND DISTINCTIONS

- 2010: Best poster award “Daily extreme rainfall and temperature events over South America as represented by four regional models and observations”, CLARIS-LPB EU Project, Annual meeting, Florianopolis, Brazil
- 2009: Repatriation grant (Proyecto de Investigación y Desarrollo para la Radicación de Investigadores), IP-PRH 2007, PIDRI n° 1/1. Supported by ANPCyT, CONICET and UBA, Argentina.
- 2001: Post-doctoral fellowship granted by the Environmental Sciences and Energy Research Department, Weizmann Institute of Science, Rehovot, Israel.
- 1999 - 2001: Post-doctoral fellowship granted by the International Centre for Theoretical Physics (ICTP, Trieste, Italy) for Training and Research at ISAO/CNR (Research Centre for the Sea and the Atmosphere, National Council of Research), Bologna, Italy.
- 1994 - 1998: Fellowship granted by CONICET to support Ph.D. studies at CIMA-UBA, Argentina.

## PROJECTS

- 2020: Simulación energética de viviendas. Requerimientos de energía para climatización en un contexto de variabilidad y cambio climático. Universidad Nacional de Rosario. CODIGO: 80020190100069UR. Under evaluation. Co-PI.
- 2018-2021: Eventos meteorológicos y climáticos de alto impacto social. Proyecto de equipamiento asociado al proyecto de unidad ejecutora. ANPCyT (PICTe-2018-0054), Argentina. Co-PI.
- 2018: Perspectives on plant dynamics and climate change in the Andes. Newton Fund Latin America Biodiversity Researcher Links Workshop grants, ID 2017-RLWK9-359514245, funded by the UK Department of Business, Energy and Industrial Strategy (BEIS) and CONICET, and delivered by the British Council. Co-PI.
- 2017-2021: Eventos meteorológicos y climáticos de alto impacto social. P-UE-2016 22920160100018CO. Supported by CONICET, Argentina. Co-PI.
- 2017-2019: Interrelaciones entre balances de agua, energía y condiciones de la superficie continental. Supported by ANPCyT (PICT-2015-3097), Argentina. PI.
- 2016-2018: Variabilidad climática e interacción superficie continental-atmósfera. PIP 11220150100402CO, supported by CONICET, Argentina. Co-PI.
- 2016 – 2018: Interacción superficie continental-atmósfera en un contexto de variabilidad climática. Supported by ANPCyT (PICT-2014-0887), Argentina. Participant by CIMA.
- 2015 – 2016: Climate variability and soil-biosphere-atmosphere interactions in South America. LEFE/INSU Project (AO2015- 876370), supported by CNRS, France. PI.
- 2012 - 2015: Climatología numérica de extremos en Sudamérica: influencia remota y local. PIP-112-201101-00932 supported by CONICET, Argentina. PI.
- 2011 - 2014: Extreme events in South America and its potential change under climate change scenarios. PICT-PRH-01-01 PICT 2008-00237 supported by ANPCyT, Argentina. PI.
- 2009 - 2011: Análisis de escenarios de cambio climático y extremos en Sudamérica: incertidumbre asociada y procesos físicos intervinientes, PIP 112-200801-01788 supported by CONICET, Argentina. Co-PI.
- 2008 - 2012: CLARIS-LPB (A Europe-South America Network for Climate Change Assessment and Impact Studies in La Plata Basin). Project supported by the European Commission (7<sup>th</sup> Framework Programme, Grant Agreement 212492). <http://www.claris-eu.org/>. WP Leader (“WP6: Processes and future evolution of extreme climate events in La Plata Basin”).

- 2004 – 2009: ENSEMBLES-based Predictions of Climate Changes and their Impacts (<http://ensembles-eu.metoffice.com/index.html> ). Project supported by the European Commission (IP, 6<sup>th</sup> Framework Programme, GOCE-CT-2003-505539).
- 2004 - 2007: CLARIS (A Europe-South America Network for Climate Change Assessment and Impact Studies, <http://www.claris-eu.org/> ). Project supported by the European Commission (6<sup>th</sup> Framework Programme, Grant GOCE-CT-2003-01454), Brussels, Belgium. Co-PI and WP Leader (“WP2.1: Earth System Modelling”).
- 2004 - 2008: MERSEA IP (Marine Environment and Security for the European Area - Integrated Project; <http://www.mersea.eu.org/> ). Project supported by the European Commission (6<sup>th</sup> Framework Programme, contract number SIP3-CT-2003-502885).
- 2002 - 2004: PRISM (Programme for Integrated earth System Modelling; <http://prism.enes.org/> ). Project supported by the European Commission (5<sup>th</sup> Framework Programme, contract number EVR1-CT-2001-40012). WP Leader (“WP5: Demonstrations”).
- 2000 - 2003: PREDICATE (Mechanisms and Predictability of Decadal Fluctuations in Atlantic-European Climate; <http://ugamp.nerc.ac.uk/predicate/> ). Project supported by the European Commission (contract number EVK2-CT-1999-0020).
- 1994 - 1998: Model Validation, Atmospheric Variability and Climate Sensitivity over South America. Project supported by the European Commission.

## MEETING AND WORKSHOP PARTICIPATIONS

- 2019, November 27: Ciencia y gobernanza de la geoingeniería solar. ¿Qué papel tendrá Sudamérica? Taller participativo, IFAECI-CONICET-SRMGI. Buenos Aires, Argentina.
- 2019, October 14-18: ICRC-CORDEX 2019, International Conference on Regional Climate, Beijing, China.
- 2019, May 10: Jornada UMI IFAECI. Reflexiones sobre la interdisciplina y la intersectorialidad en los estudios del clima. FCEN/UBA, Buenos Aires, Argentina
- 2018, August 15-18: Newton Fund Workshop on Plant Dynamics and Climate Change in the Andes, IANIGLA, Mendoza, Argentina.
- 2017, December 6-7: Taller sobre iniciativas para acelerar el despliegue y la transferencia de tecnología del Climate Technology Centre and Network (CTCN). Ciudad Autónoma de Buenos Aires, Argentina.
- 2017, November 17: Presentación del documento “Identificación de las problemáticas centrales de la Argentina para alcanzar un desarrollo sustentable. Sugerencias para superarlas desde el ámbito de incumbencia del Ministerio de Ciencia, Tecnología e Innovación Productiva”. Comisión Asesora para el Desarrollo Sustentable (CADES), CITIDES Programme. Centro Cultural de la Ciencia, Ministerio de Ciencia, Tecnología e Innovación Productiva, Ciudad Autónoma de Buenos Aires, Argentina.
- 2017, September 28-29: III Workshop Internacional de Ecofisiología de Cultivos. Mar del Plata, Argentina.
- 2017, May 22-23: CTCN Research, Development and Demonstration (RD&D) expert and scoping workshop. Organized by the Climate Technology Centre & Networking, United Nations Environment Panel (UNEP), Copenhagen, Denmark.
- 2017, April 25-26: CNRS UMI in the Americas Workshop. Organized by CNRS (France) and CONACYT (Mexico), Mexico City, Mexico.
- 2016, December 19: Lanzamiento del Proyecto estratégico “Tecnología para la previsión de catástrofes”. Organized by INNOVACION COLECTIVA, Ministerio de Ciencia, Tecnología e Innovación Productiva. Museo de la Casa Rosada, Ciudad Autónoma de Buenos Aires, Argentina.
- 2016, December 1: Jornada de la Red Científica Franco-Argentina, organized by Institut Français d'Argentin and the French Embassy in Argentina. Alianza Francesa, Ciudad Autónoma de Buenos Aires, Argentina.
- 2016, August 31: Reunión informativa sobre los mecanismos de participación de la Argentina en el Mecanismo Tecnológico de la Convención Marco de Naciones Unidas para el Cambio Climático. Ministerio de Ciencia, Tecnología e Innovación Productiva, Ciudad Autónoma de Buenos Aires, Argentina.
- 2016, February 25: Foro sobre la Cooperación Científica Franco-Argentina, en ocasión de la visita de Estado del Excelentísimo Señor Presidente de la República Francesa Dr. François Hollande.

- Auditorio del Centro Cultural de la Ciencia. Polo Científico y Tecnológico. Ciudad Autónoma de Buenos Aires, Argentina.
- 2015, September 4: Evento de difusión del 5° informe de evaluación del IPCC (AR5), Torcuato Di Tella University, Buenos Aires, Argentina.
- 2015, April 23: Taller de Vigilancia Tecnológica e Inteligencia Competitiva: Herramientas para la búsqueda y análisis de información científica de patentes. Science and Technology Office, University of Buenos Aires, Argentina.
- 2015, March 15: Presentation of the Third National Communication on Climate Change, Salón Norte, Casa de Gobierno, Buenos Aires, Argentina
- 2015, March 9-12: Climate downscaling and scale interaction. Centro de Investigaciones del Mar y la Atmósfera. UMI-IFAECI Meeting. Ciudad de Buenos Aires, Argentina.
- 2015, March 9-10: Environment Seminar: Exchanging Bi-regional Experiences on Climate Services to Identify Joint Activities. Bi-regional meeting on Climate Services and Brokerage event. Academia Nacional de Ciencias Exactas, Físicas y Naturales. Buenos Aires, Argentina.
- 2014, December 4-5: UMI Plenary Meeting. Servicio Meteorológico Nacional (Sede Dorrego), Buenos Aires, Argentina
- 2012, November 26-17: Regional WCRP/SPARC Workshop with focus on the Southern Hemisphere and South America, Buenos Aires, Argentina.
- 2012, September 17-21: CLARIS-LPB Annual Meeting, Punta del Este, Uruguay.
- 2012, May 16-18: CLARIS-LPB WP5-WP6 meeting. Hamburg, Germany.
- 2011, November 23-25: Andes Meeting (UMI-CIMA-IANIGLA), Mendoza, Argentina.
- 2011, September 5-9: CLARIS-LPB Annual Meeting, Toledo, Spain.
- 2011, May 6-7: CLARIS-LPB WP4 Meeting, Montevideo, Uruguay.
- 2011, April 25-27: 2nd. Meeting of IFAECI (UMI 3351), Argentinean Museum of Natural Sciences, Buenos Aires, Argentina
- 2010, November 7-12: CLARIS-LPB Annual Meeting, Florianopolis, Brazil.
- 2010, November 4-5: UMI (Instituto Franco-Argentino sobre Estudios de Clima y sus Impactos) Kick Off Meeting, Buenos Aires, Argentina
- 2008, November 10-13: CLARIS-LPB kick-off Meeting, Buenos Aires, Argentina.
- 2007, October 31: Modelado Climático: Situación actual en Japón y en el Mercosur. Gran Hotel Buenos Aires, Ciudad Autónoma de Buenos Aires, Argentina.
- 2007, April 23-24: 4<sup>th</sup> MERSEA annual plenary meeting, CNR, Rome, Italy.
- 2007, February 19: La sfida della scienza del clima: Un'iniziativa italiana. The Euro-Mediterranean Centre for Climate Change. Sala del Tempio di Adriano, Piazza di Pietra, Rome, Italy.
- 2007, January 29-February 2: ENSEMBLES RT8 Workshop on Extreme Climatic Events, Riederalp, Switzerland.
- 2006, November 29-30: MERSEA WP11 meeting on Seasonal Forecasting activities, INGV, Bologna, Italy.
- 2006, November 27-29: Workshop on the Sino-Italian Cooperation in climate research: CMCC-NCC activities, Bologna, Italy.
- 2006, November 20-24: ENSEMBLES, Third General Assenbly, Lund, Sweden.
- 2006, November 13-14: CLARIS La Plata Basin preparation meeting, IPSL, Paris, France.
- 2006, June 23-23: CLARIS Second Year Meeting, IPSL, Paris, France.
- 2006, March 25-28: ENSEMBLES Workshop on Extreme Climatic Events and Impacts, Riederalp, Switzerland.
- 2006, March 6-7: 3<sup>rd</sup> MERSEA annual plenary meeting, QE II Conference Centre, London, UK
- 2006, March 2: CLARIS WP2.1 workshop, UBA, Buenos Aires, Argentina.
- 2005, October 13-14: MERSEA WP11 meeting on Seasonal Forecasting activities, INGV, Bologna, Italy.
- 2005, July 7-9: CLARIS First Year Project Meeting, ISCI, Bologna, Italy.
- 2005, March 1-4: Workshop on Analyses of Climate Model Simulations for the IPCC AR4, University of Hawaii, Honolulu, Hawaii.
- 2004, October 7-8: PRISM Final Project Meeting, KNMI, De Bilt, Netherlands.
- 2004, September 20-23: CLARIS kick-off Meeting, Foz do Iguazu, Brazil.
- 2004, June 28-30: PRISM WP5 meeting on demonstration activities and SSW Meeting, IPSL, Paris, France.
- 2004, April 1: PRISM WP5 meeting on demonstration activities, INGV, Bologna, Italy.
- 2003, November 24-25: PRISM Second Year Project Meeting, KOWI, Brussels, Belgium.
- 2003, October 23-24: PRISM SSW Meeting, KNMI, De Bilt, Netherlands.

- 2003, June 12-13: PRISM WP5 meeting on demonstration activities and SSW Meeting, University of Reading, Reading, UK.
- 2003, February 26-28: PRISM Workshop and SSW Meeting, Brussels, Belgium.
- 2003, February 10-13: PREDICATE Final Meeting, Institute for Marine Research, Kiel, Germany.
- 2002, November 25: PRISM WP5 meeting on demonstration activities, INGV, Bologna, Italy.
- 2002, November 13-14: PRISM Steering Group Meeting, Brussels, Belgium.
- 2002, June 26-27: PRISM Meeting, KNMI, De Bilt, Netherlands.
- 2002, May 22-24: PRISM First Project Meeting, CERFACS, Toulouse, France.
- 2002, March 1: PREDICATE Meeting, University of Reading, UK.
- 1998, June 4-5: Workshop on model validation, atmospheric variability and climate sensitivity over South America. Buenos Aires, Argentina.
- 1997, April 16-18: IAI-NSF Workshop: A regional virtual center of interannual climate variability and ENSO in the MERCOSUR region. Buenos Aires, Argentina.
- 1995, July 10-12: Symposium on Potential Uses of Seasonal to Interannual Climate Prediction in Water Resources Management in Central and South America. IRICP, NOAA and FICH-UNL, Santa Fe, Argentina.

## PUBLICATIONS

- Coronato T., P. Zaninelli, R. Abalone and A.F. Carril, 2020: The energy demand of social dwelling for acclimatization. Sensitivity to climate change and interventions. 35<sup>th</sup> PLEA Conference, September 1-3, La Coruña, Spain. *Proceeding paper*, Submitted.
- Falco M., A.F. Carril, R.P. Da Rocha, C.G. Menéndez and L.Z.X. Li, 2020: Sensitivity of the RegCM4 model to increased horizontal resolution in the simulation of the South American Monsoon System. *Climate Dynamics*, Submitted.
- Fita L., R. Ruscica, P. Zaninelli, A.F. Carril, C.G. Menéndez, P. Flombaum, and A. Sörensson, 2020: Multi variable slicing methodology for analyzing the projected climate of a steep mountain range: Application for the Andes. *Climate Dynamics*, Submitted.
- Coronato T., A.F. Carril, P. Zaninelli, J. Giles, R. Ruscica, M. Falco, A. Sörensson, L. Fita, L.Z.X. Li, and C. G. Menéndez, 2020: The impact of soil moisture–atmosphere coupling on daily maximum surface temperatures in Southeastern South America. *Climate Dynamics*, Submitted.
- Pabón-Caicedo J.D., Arias P.A., A.F. Carril, J.C. Espinoza, K. Goubanova, W. Lavado, M. Masiokas, S. Solman and R. Villalba, 2020: Observed and projected hydroclimate changes in the Andes. *Front. Earth Sci.* doi: 10.3389/feart.2020.00061.
- Falco M., A.F. Carril, C.G. Menéndez, L. Z.X. Li and C. Cabrelli, 2019: The potential for added value of Regional Climate Models in South America using a multiresolution approach. *Climate Dynamics*. DOI :10.1007/s00382-019-05073-9.
- Falco M., L.Z.X. Li, C.G. Menéndez and A.F. Carril, 2019: The influence of South American regional climate on the simulation of the Southern Hemisphere extratropical circulation. *Climate Dynamics*. DOI: 10.1007/s00382-019-04940-9
- Menéndez C.G., Giles J., Ruscica R., Zaninelli P., Coronato T., Falco M., Sörensson A., Fita L., Carril A. F. and Li L., 2019: Temperature variability and soil-atmosphere interaction in South America simulated by two regional climate models. *Climate Dynamics*. DOI: 10.1007/s00382-019-04668-6.
- Falco M., A.F. Carril, C.G. Menéndez, P.G. Zaninelli and L.Z.X. Li, 2018: Assessment of CORDEX simulations over South America: added value on seasonal climatology and resolution considerations. *Climate Dynamics*. DOI:10.1007/s00382-018-4412-z.
- Sanabria A.L. and A.F. Carril, 2018: Maps of wind hazard over South Eastern South America: present climate and projections. *Climatic Change*, DOI:10.1007/s10584-018-2174-6.
- Zaninelli P.G., C.G. Menéndez, M. Falco, N. López-Franca and A.F. Carril, 2018: Future hydroclimatological changes in South America based on an ensemble of regional climate models. *Climate Dynamics*. DOI: 10.1007/s00382-018-4225-0.
- López-Franca, N., P. Zaninelli, A. F. Carril, C. G. Menéndez and E. Sánchez, 2016: Changes in 21st century scenarios for temperature extremes in South America derived from a multi-model ensemble of regional climate models. *Climate Research*, DOI 10.3354/cr01393.



- Boulanger J.P., A.F. Carril and E. Sánchez, 2016: CLARIS-La Plata Basin: the regional climate variability and the analysis of an ensemble of regional hydroclimate scenarios and their uncertainties. *Climate Research*. DOI 10.3354/cr01392.
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- Carril A. F., M. E. Doyle, V. R. Barros and M. N. Nuñez, 1996: Sobre la variabilidad de los caudales de los ríos cuyanos (On the variability of the Cuyo's river flows; In spanish). In VII Argentinean Conference on Meteorology, VII Latin American and Iberian Conference on Meteorology, Buenos Aires, Argentina.

## LANGUAGES

- Spanish (native language), English and Italian

## COMPUTER SKILLS

- Competent in operative systems Unix, Linux and Windows.
- Programming Languages: Matlab, GrADS, Fortan, C++, K-shell, C-shell, nco, cdo.