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Professional Experience

Executive Director, *Initiative on Extreme Weather and Climate*

February 2015 - present

Columbia University, New York, NY.

Lamont Research Professor, July 2013 - present

Lamont Associate Research Professor, July 2010 - June 2013

Doherty Research Scientist, December 2009 - June 2010

Doherty Associate Research Scientist, August 2008 - November 2009

Associate Research Scientist, July 2007 - July 2008

Lamont-Doherty Earth Observatory,

Columbia University, Lamont Campus, Palisades NY.

Associate Research Scientist, March 2003 - June 2007,

Senior Staff Associate, June 1999 - February 2003,

International Research Institute for Climate and Society (IRI),

Columbia University, Lamont Campus, Palisades NY.

Associate Professor, February 1996 - May 1999,

São Paulo State University (Unesp),

Guaratinguetá, Brazil.

Post-doctoral Researcher, February 1993 - January 1996,

Max-Planck-Institute for Plasma Physics (IPP), Garching, Germany.

Education

Ph.D. in Physics, December 1992, *Munich Technical University*, Munich, Germany.

Thesis: “Analytical Methods in Magnetohydrodynamic Turbulence”

Advisors: Dr. Henri Tasso, Prof. Dr. Dieter Pfirsch

(thesis developed at the Max-Planck Institute for Plasma Physics, Garching, Germany).

M.S. in Physics, March 1989, *São Paulo University (USP)*, São Paulo, Brazil.

Dissertation: “Invariants in Plasma Physics”

Advisor: Prof. Dr. Iberê Luiz Caldas.

B.S. in Physics, December 1986, *São Paulo University (USP)*, São Paulo, Brazil.

Refereed Publications

1. M. Boudreault, L.-P. Caron, and **S.J. Camargo**, 2017. Reanalysis of climate influences on Atlantic tropical cyclone activity using cluster analysis. *J. Geophys. Res.*, early online, doi: 10.1002/2016JD026103.
2. A.S. Daloz and **S.J. Camargo**, 2017. Is the poleward migration of tropical cyclone maximum intensity associated with a poleward migration of tropical cyclone genesis? *Clim. Dyn.*, early online, doi:10.1007/s00382-017-3636-7.
3. J.P. Duvel, **S.J. Camargo**, and A.H. Sobel, 2017. Role of convection scheme in modeling initiation and intensification of tropical depressions over the North Atlantic. *Mon. Wea. Rev.*, **145** 1495-1509, doi:10.1175/MWR-D-16-0201.1
4. **S.J. Camargo** and A. Seth, 2016. Hottest summers the new normal. *Env. Res. Lett.*, **11**, 081001, doi: 10.1088/1748-9326/11/8/081001.
5. **S.J. Camargo**, A.H. Sobel, A.D. Del Genio, J.A. Jonas, M. Kelley, Y. Lu, D.A. Shaevitz, and N. Henderson, 2016. Tropical cyclones in the GISS ModelE2. *Tellus A*, **68**, 31494, doi: 10.3402/tellusa.v68.31494.
6. **S.J. Camargo** and A.A. Wing, 2016. Tropical cyclones in climate models. *WIREs Climate Change*, **7**, 211-237, doi: 10.1002/wcc373.
7. S.D. Ditchek, W.R. Boos, **S.J. Camargo**, and M.K. Tippett, 2016. A genesis index for monsoon disturbances. *J. Climate*, **29**, 5189-5203, doi:10.1175/JCLI-D-15-0704.1.
8. R. Han, H. Wang, Z.-Z. Hu, A. Kumar, W. Li, L. N. Long, J.-K. E. Schemm, P. Peng, W. Wang, D. Si, X. Jia, M. Zhao, G. A. Vecchi, T. E. LaRow, Y.-K. Lim, S. D. Schubert, **S.J. Camargo**, N. Henderson, J. A. Jonas, and K. J. E. Walsh, 2016. An assessment of multi-model simulations on the variability of western North Pacific tropical cyclones and its association with ENSO. *J. Climate*, **29**, 6401-6423, doi: 10.1175/JCLI-D-15-0720.1.
9. J.P. Kossin, K.A. Emanuel, and **S.J. Camargo**, 2016. Past and projected changes in western North Pacific tropical cyclone exposure. *J. Climate*, **29**, 5725-5739, doi: 10.1175/JCLI-D-16-0076.1.
10. C.-Y. Lee, M.K. Tippett, A.H. Sobel, and **S.J. Camargo**, 2016. Rapid intensification and the bimodal distribution of tropical cyclone intensity. *Nature Comm.*, **7**, 10625, doi: 10.1038/ncomms10625.
11. C.-Y. Lee, M.K. Tippett, A.H. Sobel, and **S.J. Camargo**, 2016. Autoregressive modeling for tropical cyclone intensity climatology. *J. Climate* **29**, 7815-7830 doi: 10.1175/JCLI-D-15-0909.1.
12. L.M. Polvani, **S.J. Camargo**, and R.R. Garcia, 2016. The importance of the Montreal Protocol in mitigating the potential intensity of tropical cyclones. *J. Climate*, **29**, 2275-2289, doi: 10.1175/JCLI-D-15-0232.1.

13. A.H. Sobel, **S.J. Camargo**, A.G. Barnston, and M.K. Tippett, 2016. Northern hemisphere tropical cyclones during the quasi-El Niño of late 2014. *Nat. Hazards*, **83**, 1717-1729, doi: 10.1007/s11069-016-2389-7.
14. A.H. Sobel, **S.J. Camargo**, T.M. Hall, C.-Y. Lee, M.K. Tippett, and A.A. Wing, 2016. Human influence on tropical cyclone intensity. *Science*, **353**, 242-246, doi: 10.1126/science.aaf6574.
15. K.J.E. Walsh, J.L. McBride, P.J. Klotzbach, Balachandran, **S.J. Camargo**, G. Holland, T.R. Knutson, J. Kossin, T.-C. Lee, A. Sobel, M. Sugi, 2016. Tropical cyclones and climate change, *WIREs Climate Change*, **7**, 65-89, doi: 10.1002/wcc371.
16. A.A. Wing, **S.J. Camargo**, and A.H. Sobel, 2016. Role of radiative-convective feedbacks in spontaneous tropical cyclogenesis in idealized numerical simulations. *J. Atmos. Sci.*, **73**, 2633-2642, doi: 10.1175/JAS-D-15-0380.1.
17. J. Yoo, J. Galewsky, **S.J. Camargo**, R. Korty, and R. Zamora, 2016. Dynamical downscaling of tropical cyclones from CCSM4 simulations of the Last Glacial Maximum. *J. Adv. Model. Earth Sys.*, **8**, 1229-1247, doi: 10.1002/2016MS000685.
18. L.-P. Caron, M. Boudreault, and **S.J. Camargo**, 2015. On the variability and predictability of eastern North Pacific tropical cyclone activity. *J. Climate*, **28**, 9678-9696, doi: 10.1175/JCLI-D-15-0377.1.
19. A.S. Daloz, **S.J. Camargo**, J.P. Kossin, K. Emanuel, M. Horn, J.A. Jonas, D. Kim, T. LaRow, Y.-K. Lim, C.M. Patricola, M. Roberts, E. Scoccimarro, D. Shaevitz, P.L. Vidale, H. Wang, M. Wehner, and M. Zhao, 2015. Cluster analysis of explicitly and downscaled simulated North Atlantic tropical cyclone track, *J. Climate*, **28**, 1333-1361, doi: 10.1175/JCLI-D-13-00646.1 .
20. J.G. Dwyer, **S.J. Camargo**, A.H. Sobel, M. Biasutti, K.A. Emanuel, G.A. Vecchi, M. Zhao, and M.K. Tippett, 2015. Projected 21st century changes in the length of the tropical cyclone season, *J. Climate*, **28**, 6181-6192, doi: 10.1175/JCLI-D-14-00686.1.
21. C.-Y. Lee, M.K. Tippett, **S.J. Camargo**, and A.H. Sobel, 2015. Probabilistic prediction of tropical cyclone intensity from a multiple-linear regression model, *Mon. Wea. Rev.*, **143**, 933-954, doi: 10.1175/MWR-D-14-000171.1.
22. A. Seth, K. Fernandes, and **S. J. Camargo**, 2015. Two summers of São Paulo drought: Origins in the western tropical Pacific. *Geophys. Res. Lett.*, **42**, 10816-10823, doi: 10.1002/2015GL066314.
23. M. Ting, **S.J. Camargo**, C. Li, and Y. Kushnir, 2015. Natural and forced North Atlantic hurricane potential intensity changes in CMIP5 models, *J. Climate*, **28**, 3926-3942, doi: 10.1175/JCLI-D-14-00520.1.
24. K.J.E. Walsh, **S.J. Camargo**, G.A. Vecchi, A.S. Daloz, J. Elsner, K. Emanuel, M. Horn, Y.-K. Lim, M. Roberts, C. Patricola, E. Scoccimarro, A.H. Sobel, S. Strazzo, G. Villarini, M. Wehner, M. Zhao, J. Kossin, T. LaRow, K. Oouchi, S. Schubert, H.

- Wang, J. Bacmeister, P. Chang, F. Chauvin, C. Jablonowski, H. Murakami, T. Ose, K.A. Reed, R. Saravanan, Y. Yamada, C.M. Zarzycki, P.L. Vidale, J.A. Jonas, and N. Henderson, 2015. Hurricanes and climate: the U.S. CLIVAR Working Group on hurricanes. *Bull. Amer. Meteor. Soc.*, **96**, 997-1017, doi: 10.1175/BAMS-D-13-00242.1. Erratum, *Bull. Amer. Meteor. Soc.*, **96**, 1440, doi: 10.1175/BAMS-D-15-00232.1.
25. **S.J. Camargo**, M.K. Tippett, A.H. Sobel, G.A. Vecchi, and M. Zhao, 2014. Testing the performance of tropical cyclone genesis indices in future climates using the HIRAM model. *J. Climate* **27**, 9171-9196 doi: 10.1175/JCLI-D-13-00505.1.
 26. M. Horn, K. Walsh, M. Zhao, **S.J. Camargo**, E. Scoccimarro, H. Murakami, H. Wang, A. Kumar, D.A. Shaevitz, J.A. Jonas, K. Oouchi, 2014. Tracking scheme dependence of simulated tropical cyclone response to idealized climate simulations. *J. Climate* **27**, 9197-9213, doi: 10.1175/JCLI-D-14-00200.1.
 27. E.D. Maloney, **S.J. Camargo**, E. Chang, B. Colle, R. Fu, K.L. Geil, Q. Hu, X. Jiang, N. Johnson, K.B. Karnauskas, J. Kinter, B. Kirtman, S. Kumar, B. Langenbrunner, K. Lombardo, L.N. Long, A. Mariotti, J.E. Meyerson, K.C. Mo, J.D. Neelin, Z. Pan, R. Seager, Y. Serra, A. Seth, J. Sheffield, J. Stroeve, J. Thibeault, S.-P. Xie, C. Wang, B. Wyman, M. Zhao, 2014. North American Climate in CMIP5 Experiments: Part III: Assessment of 21st Century Projections, *J. Climate*, **27**, 2230-2270, doi: 10.1175/JCLI-D-13-00273.1.
 28. D.A. Shaevitz, **S.J. Camargo**, A.H. Sobel, J.A. Jonas, D. Kim, A. Kumar, T.E. LaRow, Y.-K. Lim, H. Murakami, K. Reed, M.J. Roberts, E. Scoccimarro, P.L. Vidale, H. Wang, M.F. Wehner, M. Zhao, and N. Henderson, 2014. Characteristics of tropical cyclones in high-resolution models in the present climate, *J. Adv. Model. Earth Sys.*, **6**, 1154-1172, doi: 10.1002/2014MS000372.
 29. B. Tang, and **S.J. Camargo**, 2014. Environmental control on tropical cyclones in CMIP5: A ventilation perspective. *J. Adv. Model. Earth Sys.*, **6**, 115-128, doi: 10.1002/2013MS000294.
 30. M.K. Tippett, A.H. Sobel, **S.J. Camargo**, and J.T. Allen, 2014. An empirical relation between U.S. tornado activity and monthly environmental parameters. *J. Climate*, **27**, 2983-2999 , doi: 10.1175/JCLI-D-13-00345.1.
 31. H. Wang, L. Long, A. Kumar, W. Wang, J.-K. E. Schemm, M. Zhao, G.A. Vecchi, T.E. LaRow, Y.-K. Lim, S.D. Schubert, D.A. Shaevitz, **S.J. Camargo**, N. Henderson, D. Kim, J.A. Jonas, and K.J.E. Walsh, 2014. How well do global climate models simulate the variability of Atlantic tropical cyclones associated with ENSO? *J. Climate*, **27**, 5673-5692, doi: 10.1175/JCLI-D-13-00625.1.
 32. S. Wang, **S.J. Camargo**, A.H. Sobel, and L.M. Polvani, 2014. Impact of the tropopause temperature on the intensity of tropical cyclones - an idealized study using a mesoscale model. *J. Atmos. Sci.* **71**, 4333-4348, doi: 10.1175/JAS-D-14-0029.1.

33. **S.J. Camargo**, 2013. Global and regional aspects of tropical cyclone activity in the CMIP5 models, *J. Climate*, **26**, 9880-9902, doi: 10.1175/JCLI-D-12-00549.1.
34. **S.J. Camargo**, M. Ting, and Y. Kushnir, 2013. Influence of local and remote SST on Atlantic potential intensity, *Clim. Dyn.*, **40**, 1515-1529, doi: 10.1007/s00382-012-1536-4.
35. A. Seth, S.A. Rauscher, M. Biasutti, A. Giannini, **S.J. Camargo**, and M. Rojas, 2013. CMIP5 projected changes in the annual cycle of precipitation, *J. Climate*, **26**, 7328 - 7351, doi:10.1175/JCLI-D-12-00726.1.
36. J. Sheffield, **S.J. Camargo**, R. Fu, Q. Hu, X. Jiang, K.B. Karnauskas, S.T. Kim, J. Kinter, S. Kumar, B. Langenbrunner, E.D. Maloney, A. Mariotti, J.E. Meyerson, N. Johnson, J.D. Neelin, S. Nigam, Z. Pan, A. Ruiz-Barradas, R. Seager, Y.L. Serra, D.-Z. Sun, C. Wang, S.-P. Xie, J.-Y. Yu, T. Zhang, M. Zhao, 2013. North American climate in CMIP5 experiments. Part II: Evaluation of 20th century intra-seasonal to decadal variability, *J. Climate*, **26**, 9247-9290, doi:10.1175/JCLI-D-12-00593.
37. J.D. Woodruff, J.L. Irish, and **S.J. Camargo**, 2013. Coastal flooding by tropical cyclones and sea level rise. *Nature*, **504**, 44-52, doi: 10.1038/nature12855.
38. M. Biasutti, A.H. Sobel, **S.J. Camargo**, and T.T. Creyts, 2012. Projected changes in the physical climate of the Gulf Coast and Caribbean, *Climatic Change*, **112**, 819-845, doi: 10.1007/s10584-011-0255-y.
39. D. Kim, A.H. Sobel, A. Del Genio, Y. Chen, **S.J. Camargo**, M.-S. Yao, M. Kelley, and L. Nazarenko, 2012. The tropical subseasonal variability simulated in the NASA GISS general circulation model, *J. Climate*, **25**, 4641-4659, doi: 10.1175/JCLI-D-11-00447.1.
40. R.L. Korty, **S.J. Camargo**, and J. Galewsky, 2012. Tropical cyclone genesis factors in simulations of the Last Glacial Maximum, *J. Climate*, **25**, 4348-4365, doi: 10.1175/JCLI-D-11-00517.1
41. R.L. Korty, **S.J. Camargo**, and J. Galewsky, 2012. Variations in tropical cyclone genesis factors in simulations of the Holocene Epoch, *J. Climate*, **25**, 8196 - 8211, doi: 10.1175/JCLI-D-12-00033.1.
42. M.E. Kozar, M.E. Mann, **S.J. Camargo**, J.P. Kossin, and J.L. Evans, 2012. Stratified statistical models of North Atlantic basin-wide and regional tropical cyclone counts, *J. Geophys. Res.*, **117**, D18103, doi: 10/1029/2011JD017170.
43. H.A. Ramsay, **S.J. Camargo**, and D. Kim, 2012. Cluster Analysis of tropical cyclone tracks in the southern hemisphere, *Clim. Dyn.*, **39**, 897-917, doi: 10.1007/s00382-011-1225-8.
44. M.K. Tippett, A.H. Sobel, and **S.J. Camargo**, 2012. Association of monthly U.S. tornado occurrence with large-scale atmospheric parameters, *Geophys. Res. Lett.*, **39**, L02801, doi: 10.1029/2011GL050368.

45. A.T. Evan and **S.J. Camargo**, 2011. A climatology of Arabian Sea cyclonic storms, *J. Climate*, **24**, 140-158, doi: 10.1175/2010JCLI3611.1.
46. A. Seth, S.A. Rauscher, M. Rojas, A. Giannini, and **S.J. Camargo**, 2011. Enhanced spring convective barrier for monsoons in a warmer world? *Climatic Change*, **104**, 403-414, doi: 10.1007/s10584-010-9973-8. Nature Climate Change research highlight: *Impacts: Monsoon summer*, S. Barley, *Nature Climate Change*, 30 November 2010, doi:10.1038/nclimate1018 Research highlights.
47. A.H. Sobel and **S.J. Camargo**, 2011. Projected future changes in tropical summer climate, *J. Climate*, **24**, 473-487, doi: 10.1175/2010JCLI3748.1.
48. M.K. Tippett, **S.J. Camargo**, and A.H. Sobel, 2011. A Poisson regression index for tropical cyclone genesis and the role of large-scale vorticity in genesis, *J. Climate*, **24**, 2335-2357, doi: 10.1175/2010JCLI3811.1.
49. **S.J. Camargo** and A.H. Sobel, 2010. Reexamining the influence of the Quasi-biennial Oscillation on Tropical Cyclone activity. *J. Climate*, **23**, 5810-5825, doi: 10.1175/2010JCLI3575.1.
50. J.P. Kossin, **S.J. Camargo**, and M. Sitkowski, 2010. Climate modulation of North Atlantic hurricane tracks, *J. Climate*, **23**, 3057-3076, doi: 10.1175/2010JCLI3497.1.
51. M. Biasutti, A.H. Sobel, and **S.J. Camargo**, 2009. The role of the Sahara low in Sahel rainfall variability and change in the CMIP3 models, *J. Climate*, **22**, 5755-5771.
52. **S.J. Camargo** and A.G. Barnston, 2009. Experimental seasonal dynamical forecasts of tropical cyclone activity at IRI, *Wea. Forecasting*, **24**, 472-491.
53. **S.J. Camargo**, M.C. Wheeler, and A.H. Sobel, 2009. Diagnosis of the MJO modulation of tropical cyclogenesis using an empirical index, *J. Atmos. Sci.*, **66**, 3061-3074.
54. J.P. Kossin and **S.J. Camargo**, 2009. Hurricane track variability and secular potential intensity trends. *Climatic Change*, **97**, 329-337.
55. B. Lyon and **S.J. Camargo**, 2009. The seasonally-varying influence of ENSO on rainfall and tropical cyclone activity in the Philippines, *Clim. Dyn.* **32**, 125-141.
56. J. Nakamura, U. Lall, Y. Kushnir, and **S.J. Camargo**, 2009. Classifying North Atlantic tropical cyclones tracks by their mass moments, *J. Climate*, **22**, 5481-5494.
57. **S.J. Camargo**, A.W. Robertson, A.G. Barnston, and M. Ghil, 2008. Clustering of eastern North Pacific tropical cyclone tracks: ENSO and MJO effects, *Geochem., Geophys. and Geosyst.*, **9**, Q06V05.
58. **S.J. Camargo**, K.A. Emanuel and A.H. Sobel, 2007. Use of a genesis potential index to diagnose ENSO effects on tropical cyclone genesis, *J. Climate* **20**, 4819 - 4834.

59. **S.J. Camargo**, H. Li, and L. Sun, 2007. Feasibility study for downscaling seasonal tropical cyclone activity using the Regional Spectral Model, *Int. J. Climatol.* **27**, 311-325.
60. **S.J. Camargo**, A.W. Robertson, S.J. Gaffney, P. Smyth, and M. Ghil, 2007. Cluster analysis of typhoon tracks, Part I: General properties, *J. Climate* **20**, 3635 - 3653.
61. **S.J. Camargo**, A.W. Robertson, S.J. Gaffney, P. Smyth, and M. Ghil, 2007. Cluster analysis of typhoon tracks, Part II: Large scale circulation and ENSO, *J. Climate* **20**, 3654 - 3676.
62. **S.J. Camargo**, A.H. Sobel, A.G. Barnston, and K.A. Emanuel, 2007. Tropical cyclone genesis potential index in climate models, *Tellus* **59 A**, 428-443.
63. S.J. Gaffney, A.W. Robertson, P. Smyth, **S.J. Camargo**, and M. Ghil, 2007. Probabilistic clustering of extratropical cyclones using regression mixture models, *Clim. Dyn.* **29**, 423-440.
64. B. Liebmann, **S.J. Camargo**, A. Seth, J.A. Marengo, L.M.V. Carvalho, D. Allured, R. Fu, and C.S. Vera, 2007. Onset and end of the rainy season in South America in observations and the ECHAM4.5 atmospheric general circulation model, *J. Climate* **20**, 2037-2050.
65. S.A. Rauscher, A. Seth, B. Liebmann, J.-H. Qian, and **S.J. Camargo**, 2007. Regional climate model simulated timing and character of seasonal rains in South America, *Mon. Wea. Rev.* **135**, 2642-2657.
66. A. Seth, S.A. Rauscher, **S.J. Camargo**, J.-H. Qian, and J.S. Pal, 2007. RegCM3 regional climatologies for South America using reanalysis and ECHAM global model driving fields, *Clim. Dyn.* **28**, 461-480.
67. A.A. Wing, A.H. Sobel, and **S.J. Camargo**, 2007. The relationship between potential and actual intensities of tropical cyclones, *Geophys. Res. Lett.* **34**, L08810.
68. S.A. Rauscher, A. Seth, J.-H. Qian, and **S.J. Camargo**, 2006. Domain choice in an experimental nested modeling prediction system for South America, *Theor. Appl. Climatol.*, **86**, 229-246.
69. **S.J. Camargo**, A.G. Barnston and S.E. Zebiak, 2005. Statistical assessment of tropical cyclone activity in atmospheric general circulation models, *Tellus* **57A**, 589-604.
70. **S.J. Camargo** and A.H. Sobel, 2005. Western North Pacific tropical cyclone intensity and ENSO, *J. Climate* **18**, 2996-3006.
71. W.A. Landman, A. Seth and **S.J. Camargo**, 2005. The effect of regional climate model domain on the simulation of tropical cyclone-like vortices in the southwestern Indian Ocean, *J. Climate* **18**, 1263-1274.
72. A.H. Sobel and **S.J. Camargo**, 2005. Influence of western North Pacific tropical cyclones on their large-scale environment, *J. Atmos. Sci.* **62**, 3396-3407.

73. **S.J. Camargo** and A.H. Sobel, 2004. Formation of tropical storms in an atmospheric general circulation model. *Tellus* **56A**, 56-6.
74. **S.J. Camargo** and S.E. Zebiak, 2002. Improving the detection and tracking of tropical cyclones in atmospheric general circulation models, *Wea. Forecasting* **17**, 1152-1162 (2002). Summary in Nowcast, Papers of Note, *Bull. Amer. Meteor. Soc.* **84**, 181-182 (2003).
75. M.C.R. Andrade, G.O. Ludwig, and **S.J. Camargo**, 2000. Self-consistent equilibrium calculation through a direct variational technique in tokamak plasmas, *Plasma Phys. Control. Fusion* **42**, 1269-1289.
76. **S.J. Camargo**, M.K. Tippet, and I.L. Caldas, 2000. Nonmodal energetics of electromagnetic drift waves, *Phys. Plasmas* **7**, 2849-2855.
77. **S.J. Camargo**, M.K. Tippet, and I.L. Caldas, 1998. Nonmodal energetics of resistive drift waves, *Phys. Rev. E* **58**, 3693-3704.
78. **S.J. Camargo**, M.K. Tippet, and I.L. Caldas, 1998. Nonmodal linear analysis of drift-wave turbulence models, *Czech. J. Phys.* **48**, 189-194, Suppl. 2.
79. **S.J. Camargo**, B.D. Scott, and D. Biskamp, 1996. The influence of magnetic fluctuations on collisional drift-wave turbulence, *Phys. Plasmas* **3**, 3912-3931.
80. **S.J. Camargo**, D. Biskamp, and B.D. Scott, 1995. Resistive drift-wave turbulence, *Phys. Plasmas* **2**, 48-62.
81. D. Biskamp, **S.J. Camargo**, and B.D. Scott, 1994. Spectral properties and statistics of resistive drift-wave turbulence, *Phys. Letters A* **186**, 239-244.
82. **S.J. Camargo** and H. Tasso, 1992. Renormalization group in magnetohydrodynamic turbulence, *Phys. Fluids* **B4**, 1199-1212.
83. H. Tasso and **S.J. Camargo**, 1992. On the nonlinear stability of dissipative fluids, *N. Cimento B* **107**, 733-740.
84. **S.J. Camargo** and I.L. Caldas, 1991. Average magnetic surfaces in tokamaks, *Plasma Phys. Contr. Fusion* **33**, 573-581.
85. **S.J. Camargo** and H. Tasso, 1990. Self-similar statistics in MHD turbulence, *Z. Naturforsch.* **45a**, 603-608.

Book Chapters

1. **S.J. Camargo** and S.M. Hsiang, 2015. Tropical Cyclones: From the influence of climate to their socio-economic impacts, in *Extreme Events: Observations, Modeling and Economics*, M. Chaves, M. Ghil and J. Urrutia-Fucugauchi, editors, AGU Monograph, Chapter 18, pp. 303-342, Willey-Blackwell, ISBN: 978-1-119-15701-4.

2. **S.J. Camargo**, A.H. Sobel, A.G. Barnston, and P.J. Klotzbach, 2010. *The influence of natural climate variability, and seasonal forecasts of tropical cyclone activity*, Chapter 11, pp. 325-360, in *Global Perspectives on Tropical Cyclones, from Science to Mitigation*, 2nd edition, World Scientific Series on Earth System Science in Asia, vol. 4, J.C.L. Chan and J.D. Kepert, editors, ISBN 978-981-4293-47-1.
3. M.K. Tippett, **S.J. Camargo**, and I.L. Caldas, 1998. Modal and nonmodal linear stability of electromagnetic drift-waves, in *Topics in Theoretical Physics vol. II, Festschrift for Abraham Hirsch Zimerman*, edited by Henrik Aratyn, Luiz Agostinho Ferreira and José Francisco Gomes, pp. 47-50, Theoretical Physics Institute, São Paulo State University (Unesp), São Paulo, Brazil.
4. I.L. Caldas, M.V.A.P. Heller, **S.J. Camargo**, and M.C.R. Andrade, 1990. The trajectories of magnetic field lines in tokamaks with helical windings, in *Condensed Matter Theories Vol. 5*, V.C. Aguilera-Navarro, editor, pp. 217-224, Springer, Boston, MA, ISBN: 978-1-4613-0605-4, doi: 10.1007/978-1-4613-0605-4-4-24

State of the Climate contributions

1. **S.J. Camargo**, 2016. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2015*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **97**, S110-S113.
2. **S.J. Camargo**, 2015. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2014*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **96**, S112-S115.
3. **S.J. Camargo**, 2014. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2013*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **95**, S92-S94.
4. M. Lander, C. Guard, **S.J. Camargo**, 2014. Tropical Cyclones, Super-typhoon Haiyan, in *State of the Climate in 2013*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **95**, S112-S114.
5. **S.J. Camargo**, 2013. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2012*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **94**, S92-S94.
6. **S.J. Camargo**, 2012. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2011*, J. Blunden and D.S. Arndt (editors), *Bull. Amer. Meteor. Soc.*, **93**, S107-S109.
7. **S.J. Camargo**, 2011. Tropical Cyclones, Western North Pacific Basin, in *State of the Climate in 2010*, J. Blunden, D.S. Arndt, and M.O. Baringer (editors), *Bull. Amer. Meteor. Soc.*, **92**, S123-S127.

8. **S.J. Camargo**, 2010. Tropical Cyclones, Western North Pacific Basin (pp. S91-S94), in *State of the Climate in 2009*, D. S. Arndt, M. O. Baringer, and M. R. Johnson (editors), *Bull. Amer. Meteor. Soc.*, **91**, S1-S222.
9. **S.J. Camargo**, 2009. Tropical Cyclones, Western North Pacific Basin, (pp. S85-S88), in *State of the Climate in 2008*, T.C. Peterson, and M.O. Baringer (editors), *Bull. Amer. Meteor. Soc.* **90**, S1-S196.
10. **S.J. Camargo**, 2008. Tropical Cyclones, Western North Pacific Basin (pp. S74-S76), in *State of the Climate in 2007*, D.H. Levinson and J.H. Lawrimore, (editors), *Bull. Amer. Meteor. Soc.***89**, S1-S179.
11. **S.J. Camargo**, 2007. Tropical Cyclones, Western North Pacific Basin (pp.S54-S56), in *State of the Climate in 2006*, A. Arguez (editor), *Bull. Amer. Meteor. Soc.* **88**, S1-S135.
12. **S.J. Camargo**, 2006. Western North Pacific typhoon season (pp. S39-S40) , in *State of the Climate in 2005*, K. Shein (editor), *Bull. Amer. Meteor. Soc.* **87**, S1-S102.
13. **S.J. Camargo**, 2005. Western North Pacific typhoon season (pp. S29-S32), in *State of the Climate in 2004*, D.H. Levinson (editor), *Bull. Amer. Meteor. Soc.* **86**, S1-S86.
14. **S.J. Camargo**, 2004. Western North Pacific typhoon season (pp. S25-S27), in *State of the Climate in 2003*, D.H. Levinson and A.M. Waple (editors), *Bull. Amer. Meteor. Soc.* **85**, S1-S72.
15. **S.J. Camargo**, 2003. Western North Pacific typhoon season (pp. S26-S28), in *State of the Climate in 2002*, A.M. Waple and J.H. Lawrimore (editors), *Bull. Amer. Meteor. Soc.* **84**, S1-S68.
16. A.M. Waple, J.H. Lawrimore, M.S. Halpert, G.D. Bell, W. Higgins, B. Lyon, M.J. Menne, K.L. Gleason, R.C. Schnell, J.R. Christy, W. Thiaw, W.J. Wright, M.J. Salinger, L. Alexander, R.S. Stone, and **S.J. Camargo**, 2002. Climate Assessment for 2001, *Bull. Amer. Meteor. Soc.* **83**, S1-S62.

Other publications

1. A. Sobel, **S.J. Camargo**, W. Debucquoy, G. Deodatis, M. Gerrard, T. Hall, R. Hallman, J. Keenan, U. Lall, M.A. Levy, B. Orlove, C. Rosenzweig, R. Seager, J. Shaman, and M. Tippett, 2016. Extreme weather and climate: Workshop report. *J. Extreme Events*, **3**, 1671001, doi: 10.1142/S2345737616710019.
2. **S.J. Camargo**, 2013. Tropical cyclones in high-resolution climate models. *U.S. CLIVAR Variations*, Vol. 11, No. 3, 4-11.

3. K. Walsh, M. Horn, S. Camargo, H. Murakami, H. Wang, E. Scoccimarro, 2013. Changes in future southern hemisphere tropical cyclone numbers. *U.S. CLIVAR Variations*, Vol. 11, No. 3, 1-4.
4. M. Zhao, I.M. Held, G. Vecchi, E. Scoccimarro, H. Wang, M. Wehner, Y.-K. Lim, T. LaRow, **S.J. Camargo**, K. Walsh, S. Gualdi, A. Kumar, S. Schubert, K.A. Reed, 2013. Robust direct effect of increasing atmospheric CO₂ concentration on global tropical cyclone frequency - A multi-model inter-comparison. *U.S. CLIVAR Variations*, Vol. 11, No. 3, 12-17.
5. U.S. CLIVAR Hurricane Working Group, 2013. U.S. CLIVAR Hurricane Workshop Report 2013-5, U.S. CLIVAR Project Office, Washington, DC 20005, 18pp.
6. **S.J. Camargo**, A.G. Barnston, P.J. Klotzbach, and C.W. Landsea, 2007. Seasonal Tropical Cyclone Forecasts, *World Meteorological Organization Bulletin* **57**(4), 297-309.
7. **S.J. Camargo** and A.H. Sobel, 2007. Workshop on Tropical Cyclones and Climate, *Bull. Amer. Meteor. Soc.* **88** (Meeting Summaries), 289-291.