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PRESENTATIONS & POSTERS

McGinnis, Seth, and Rachel McCrary. “Not Where We Expected to Go: Journeys of Discovery Led by Linda Mearns.” Mearns Symposium, Boulder CO, 5 April 2024 (Talk)

McGinnis, Seth, Melissa Bukovsky, Rachel McCrary, and Linda Mearns. “A Process-Informed Credibility Analysis of Different Precipitation Downscaling Methods in the Southern Great Plains.” AGU Fall Meeting, San Francisco CA, 11 December 2023 (Talk)

McGinnis, Seth, Lee Kessenich, Linda Mearns, Melissa Bukovsky, and Alison Cullen. “Projected changes in inter-regional simultaneity of megafires in the Western US based on NA-CORDEX regional climate simulations.”  2023 Wildfire Risk Management Science Weekly Series, Rocky Mountain Research Station, US Forest Service. Virtual, 27 July 2023. (Talk)

McGinnis, Seth, Lee Kessenich, Linda Mearns, Melissa Bukovsky, and Alison Cullen. “Projected changes in inter-regional simultaneity of megafires in the Western US based on NA-CORDEX regional climate simulations.” AMS Annual Meeting, Denver CO, 12 January 2023. (Talk)

McGinnis, Seth, Lee Kessenich, Linda Mearns, Melissa Bukovsky, and Alison Cullen. “Projected changes in inter-regional simultaneity of megafires in the Western US based on NA-CORDEX regional climate simulations.” AGU Fall Meeting, Chicago IL, 16 December 2022. (Poster)

McGinnis, Seth. “Climate Change and Simultaneous Megafires in the Western US.” CGD Seminar, Boulder CO, 1 March 2022. (Talk) <https://www.youtube.com/watch?v=tt9HnbMjv9o>

McGinnis, Seth, Lee Kessenich, Harry Podschwit, Linda Mearns, Melissa Bukovsky, and Alison Cullen. “Multimodel Uncertainty in Projected Changes of Simultaneous Megafires in the Great Basin Based on NA-CORDEX Regional Climate Simulations.” AGU Fall Meeting, New Orleans LA, 16 December 2021 (Talk)

McGinnis, Seth, Daniel Korytina, Melissa Bukovsky, Rachel McCrary, and Linda Mearns. “Credibility Evaluation of a Convolutional Neural Net for Downscaling GCM Output over the Southern Great Plains.” AGU Fall Meeting, New Orleans LA, 16 December 2021. (Talk)

McGinnis, Seth, and Linda Mearns. “Why Climate Data Is Big.” Philosophy of Science Association

27th Biennial Meeting, Baltimore MD, 12 Nov 2021. (Talk)

McGinnis, Seth, Lisa Lloyd, Greg Lusk, and Stuart Gluck. “Implications of the Data-Centric Nature of Climate Science for AI & ML.” 2021 ESIP Summer Meeting, Online, 21 July 2021. (Poster)

McGinnis, Seth. “Parallel Analysis Using Pangeo vs the Command-Line.” Pangeo Showcase, Boulder CO, 7 April 2021. (Talk) [<https://doi.org/10.5281/zenodo.4670458>]

McGinnis, Seth. “Trans-Disciplinary Insights for Climate Science Modeling and Big Data.” SEA's Improving Scientific Software Conference, Boulder CO, 23 March 2021. (Talk)

McGinnis, Seth. “Parallel Analysis Using Pangeo vs the Command-Line.” CISL WIP, Boulder CO, 3 March 2021. (Talk)

McGinnis, Seth, Harry Podschwit, Alison Kessenich, Linda Mearns, and Alison Cullen. “Projected Effects of Climate Change on Simultaneous North American Megafires Based on NA-CORDEX Regional Climate Simulations.” AGU Fall Meeting, Online, 14 Dec 2020. (Talk)

McGinnis, Seth A., Melissa S. Bukovsky, Rachel Rose McCrary, and Linda Mearns. "Effects of Observational Dataset Choice on Multivariate Bias Correction." AGU Fall Meeting, San Francisco CA, 13 Dec 2019. (Poster)

McGinnis, Seth. “Very Large Wildfires, Climate Change, and Simultaneity.” CISL WIP, Boulder CO, 12 November 2019. (Talk)

McGinnis, Seth, Melissa Bukovsky, Rachel McCrary, and Linda Mearns. “Comparison of Univariate and Multivariate Bias-Correction of Daily NA-CORDEX Data.” AGU Fall Meeting, Washington DC, 11 Dec 2018. (Talk)

McGinnis, Seth. “Bursts and Cascades: Scaling Up Scientific Data Analysis.” SEA Software Engineering Conference and Tutorials, Boulder CO, 11 April 2018. (Talk)

McGinnis, Seth, Melissa Bukovsky, and Linda Mearns. “From Descriptive to Explanatory: Using Metrics to Identify Candidate Phenomena for Process Evaluation in NA-CORDEX and NARCCAP.” AGU Fall Meeting, New Orleans LA, 12 December 2017. (Talk)

McGinnis, Seth. “Bias-correcting NA-CORDEX data using Kernel Density Distribution Mapping.” EU Joint Research Center workshop on bias correction of climate variables and the impact on crop forecasting models, Ispra, Italy, 23 May 2017. (Talk)

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McGinnis, Seth. “How to Correct RCM Precipitation Bias.” CISL WIP, Boulder CO, 2 February 2017. (Talk)

McGinnis, Seth and Linda Mearns. “Bias-Correction of Extreme Temperatures and Precipitation in NA-CORDEX Regional Climate Model Output.” AGU Fall Meeting, San Francisco CA, 16 December 2016. (Poster)

McGinnis, Seth. “Big Data: The View from Climate Science.” Dynamical Core Model Intercomparison Project Workshop, Boulder CO, 15 June 2016. (Invited talk)

McGinnis, Seth. “Tutorial: The NARCCAP Regional Climate Model Dataset.” NCAR SEA Conference, Boulder CO, 7 April 2016. (Talk)

McGinnis, Seth. “What Climate Science Knows About Big Data.” NCAR SEA Conference, Boulder CO, 4 April 2016. (Talk)

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McGinnis, Seth. "Evaluation of Statistical Downscaling Skill at Reproducing Extreme Events." AGU Fall Meeting, San Francisco CA, 16 December 2015. (Talk)

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McGinnis, Seth, DW Nychka, LO Mearns, “Bias correction of NARCCAP daily regional climate model output using distribution mapping.” AGU Fall Meeting, San Francisco CA, December 2013. (Poster)

McGinnis, Seth, “Distilling regional climate model data from NARCCAP for use in impacts analysis.” SIAM Annual Meeting in San Deigo, July 2013; Next Generation Climate Data Products Workshop at NCAR, July 2013; and at CAS2K13 in Annecy, France, September 2013. (Invited talks)

McGinnis, Seth, “Regional Variability of Seasonal Climate Change in NARCCAP.” AMS Annual Meeting, Austin TX, 7 January 2013. (Poster)

McGinnis, Seth, Linda O. Mearns, Doug Nychka, and Joshua Thompson, "Regional Characteristics of Statistically Bias-Corrected NARCCAP Data." AGU Fall Meeting, San Francisco CA, 03 December 2012. (Poster)

McGinnis, Seth; Joshua Thompson, Doug Nychka, and Linda O. Mearns, "Elevation Correction and Interpolation Bias in Regional Climate Data Analysis." AGU Fall Meeting, San Francisco CA, 06 December 2011. (Poster)

McGinnis, Seth, and Toni Rosati, "NARCCAP and NetCDF: an Overview." 2012 Unidata Users Workshop, Boulder CO, 11 July 2012. (Invited talk)

McGinnis, Seth, Linda O. Mearns, and Larry McDaniel, "Effects of Spatial Interpolation Algorithm Choice on Regional Climate Model Data Analysis." AGU Fall Meeting, San Francisco CA, 13-17 December 2010. (Poster)

McGinnis, Seth, Linda O. Mearns, and Larry McDaniel, "Standardization of NARCCAP Data for Automated Processing, Quality Control, and Usability." AGU Fall Meeting, San Francisco CA, 14-18 December 2009. (Poster)

McGinnis, Seth, Linda O. Mearns, and Larry McDaniel, "Lessons and Pitfalls in Archiving Large Datasets: The NARCCAP Experience." 89th Annual AMS Meeting, Phoenix AZ, 15 January 2009. (Poster)

McGinnis, Seth, Linda O. Mearns, and Larry McDaniel, "Big Projects, Diverse Users, and Usable Data: Lessons and Examples from NARCCAP." Regional-Scale Climate IV Posters, AGU Fall Meeting, San Francisco CA, 15-19 December 2008. (Poster)

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OTHER PUBLICATIONS

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