

Michael F. Wehner

Publications

2021

Federico Castillo, Armando Sanchez Vargas, J.Keith Gilles, Michael Wehner, (2021) The impact of heat waves on agricultural productivity and output. Chapter 2 in "Extreme Events and Climate Change: A Multidisciplinary Approach, Federico Castillo, Michael Wehner, Daithi Stone, editors. Wiley & Sons. ISBN: 978-1-119-41362-2

Federico Castillo, Michael Wehner, Daithi Stone, editors (2021) Extreme Events and Climate Change: A Multidisciplinary Approach. Wiley & Sons. 240 pages. ISBN: 978-1-119-41362-2

Mayur Mudigonda, Prabhat, Karthik Kashinath, Evan Racah, Ankur Mahesh, Yunjie Liu, Christopher Beckham, Jim Biard, Thorsten Kurth, Sookyung Kim, Samira Kahou, Tegan Maharaj, Burlen Loring, Christopher Pal, Travis O'Brien, Ken Kunkel, Michael F. Wehner, William D. Collins (2021) Deep Learning for Detecting Extreme Weather Patterns. In Deep Learning for the Earth Sciences. Editors: Gustau Camps-Valls, Xiang Zhu, Devis Tuia, Markus Reichstein, pp 163-185. Wiley & Sons. ISBN: 9781119646143. Expected date of publication: September 2021

Michael Wehner and Christopher Sampson (2021) Attributable human-induced changes in the magnitude of flooding in the Houston, Texas region during Hurricane Harvey. *Climatic Change*. 166, 20 (2021). <https://doi.org/10.1007/s10584-021-03114-z>

Alan Rhoades, Mark D Risser, Daithi A Stone, Michael F Wehner, Andrew D Jones (2021) Implications of warming on western United States landfalling atmospheric rivers and their flood damages. *Weather and Climate Extremes* 100326. <https://doi.org/10.1016/j.wace.2021.100326>

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K. A. Reed, M. F. Wehner, A. M. Stansfield and C. M. Zarzycki (2021), Anthropogenic Influence on Hurricane Dorian's Extreme Rainfall, [in "Explaining Extremes of 2019

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Mark Risser, Michael Wehner, John P O'Brien, Christina Patricola, Travis O'Brien, William Collins, Christopher Paciorek, Huanping Huang (2021) Quantifying the influence of natural climate variability on in situ measurements of seasonal total and extreme daily precipitation. *Climate Dynamics* <https://doi.org/10.1007/s00382-021-05638-7>

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