Recent Publications

(Alphabetized by lead author; EMC Federal authors in black boldface, EMC Contractor authors in red boldface; full author affiliations listed in the articles)

2022

**Abdolali, A.**, Hesser, T. J., Bryant, M. A., Roland, A., Khalid, A., Smith, J., Ferreira, C., **Mehra, A**., and Sikiric, M.D. (2022): Wave Attenuation by Vegetation: Model Implementation and Validation Study. *Front. Built Environ*. **8:891612**. <https://www.frontiersin.org/articles/10.3389/fbuil.2022.891612/full>

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**Du, J.**, and G. Deng. 2022: How Should a Numerical Weather Prediction Be Used: Full Field or Anomaly? A Conceptual Demonstration with a Lorenz Model. *Atmosphere* **13**(9): 1487. <https://doi.org/10.3390/atmos13091487>

**Guan, H.**, **Zhu, Y.**, **Sinsky, E**., **Fu, B., Li, W., Zhou, X., Xue, X.**, **Hou, D.**, Peng, J., Nageswararao, M. M., **Tallapragada, V.**, Hamill, T. M., Whitaker, J. S., Bates, G., Pegion, P., Frederick, S., Rosencrans, M., & Kumar, A., 2022: GEFSv12 reforecast dataset for supporting subseasonal and hydrometeorological applications, *Monthly Weather Review*. <https://doi.org/10.1175/MWR-D-21-0245.1>

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**Kim, H-S.**, **Meixner, J.**, Thomas, B., Reichl, B., **Liu, B.**, **Mehra, A.**, & Wallcraft, A. (2022). Skill Assessment of NCEP Three-way Coupled HWRF-HYCOM-WW3 Modeling System: Hurricane Laura Case Study, *Weather and Forecasting*, <https://journals.ametsoc.org/view/journals/wefo/aop/WAF-D-21-0191.1/WAF-D-21-0191.1.xml>

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