

REFEREED PUBLICATIONS (48 Refereed Journal Articles):

Book Being Written:

Theory and Applications of Satellites to Meteorology, J. Wiley & Sons.,

Submitted

Morrissey, M.L., A. Albers, J. S. Greene, S. Postawko, 2009: An Isofactorial Change-of-Scale Model for the Wind Speed Probability Density Function, Submitted to J. Tech.

Refereed Publications and Book Chapters

1. Morrissey ML , 2009: Superposition of the Neyman-Scott Rectangular Pulses Model and the Poisson White Noise Model for the Representation of Tropical Rain Rates. *Journal of Hydrometeorology*, 10, 395-412.
2. Morrissey, M.L. and Greene, J.S. 2008: A theoretical framework for the sampling error variance for three-dimensional climate averages of ICOADS monthly ship data, *Theoretical and Applied Climatology*, doi 10.1007/s00704-008-0027-3
3. Greene, J.S., K. McNabb, R. Zwilling, and M. Morrissey, 2008: Analysis of Vertical Wind Shear in the Southern Great Plains and Potential Impacts on Estimation of Wind Energy Production, *International Journal of Global Energy Issues*, In Press.
4. Greene, J. S, M Klatt , M Morrissey, and S Postawko, 2008: "The Comprehensive Pacific Rainfall Database: An enhanced tool for research and education", *Journal of Atmospheric and Oceanic Technology*, 25, pp., 71-82.
5. Morrissey, M. L. and J. S. Greene 2007: "Ground Validation for the Global Precipitation Climatology Project" in "*Measuring Precipitation from Space - EURAINSAT and the future*" Levizzani, Vincenzo; Bauer, Peter; Turk, F. Joseph (editors), 2007, Approx. 745 p., Hardcover ISBN: 978-1-4020-5834-9.. P. 381-392.
6. Gruber, A., B. Rudolf, M, L. Morrissey, T. Kurino, J. Janowiak, R. Ferraro, R. Francis, A. Chang and R.F. Adler, 2007: 'The Global Precipitation Climatology Project' in "*Measuring Precipitation from Space - EURAINSAT and the future*" Levizzani, Vincenzo; Bauer, Peter; Turk, F. Joseph (editors), 2007, Approx. 745 p., Hardcover ISBN: 978-1-4020-5834-9.. P. 25-36.
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8. Greene J.S., M Klatt, M. L. Morrissey, and S Postawko, 2007: The Comprehensive Pacific Rainfall Database: An enhanced tool for research and education, *Journal of Atmospheric and Oceanic Technology*, in press.
9. Gremichael, M.; Krajewski, W. F., M. L. Morrissey, 2005: A Detailed Evaluation of GPCP 1° Daily Rainfall Estimates over the Mississippi River Basin, *Journal of Applied Meteorology*, 44 685-681.

10. Grebremichael, M, W. F. Krajewski, M. Morrissey, D. Langerud, G.J. Huffman, R. Adler, 2003: Error uncertainty analysis of GPCP monthly rainfall products: A data based simulation study, *J.Appl.Meteor.*,42,12, 1837-1848.
11. Mahmood, R., M. Meo, D. R. Legates, M.L. Morrissey, 2003: The CERES-rice model-based estimates of potential monsoon season rainfed rice productivity in Bangladesh, *The Professional Geographer*, 55, 259-273.
12. Gibson, B., S. Postawko, J. Ensworth, M. Morrissey, J. Wurman, S. Ellis, 2003: Introducing High-tech and Low-tech Geoscience-related Technology to Disadvantaged Schools in the tropical Pacific, *J. Geoscience Education*, 51, March 2003
13. Adler, R., F., C. Kidd, G. Petty, M. Morrissey, and H. M. Goodman, 2003: Intercomparison of Global Precipitation Products: The Third Precipitation Intercomparison Project (PIP-3), August, *Bull. Amer. Meteor. Soc.*, Vol. 82, No. 7, pp. 1377–1396.
14. Huffman, G.J., R.F. Adler, M. Morrissey, D.T. Bolvin, S. Curtis, R. Joyce, B McGavock, J. Susskind, 2001: Global Precipitation at One-Degree Daily Resolution from Multi-Satellite Observations. *J. Hydrometeor.*, 2(1), 36-50.
15. Greene, J.S. and M.L. Morrissey: 2000: Evaluation and validation of simulated and observed climate data, *Climate Prediction for Agricultural and Resource Management*, Bureau of Resource Sciences, 83-100.L. Leslie and R. Munro, eds., Australian Academy of Sciences, Canberra.
16. Greene, J.S., and M.L. Morrissey: Validation and Uncertainty Analysis of Satellite Rainfall Algorithms, 2000: *The Professional Geographer*, 52, 247-258.
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18. Ciach, G., M.L. Morrissey, W.F. Krajewski, 2000: Conditional Bias in Radar Rainfall Estimation, *J. Applied Meteor*, 39, 1941-1946.
19. Postawko, S., M.L. Morrissey, J.S. Greene, B. Gibson, A. Wood, S. Ellis, D. Harrison, and J.B. McGavock, 1999: Schools of the Pacific Rainfall Climate Experiment: The Value of Real Science in the Classroom, *Journal of Science Education and Technology*.
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30. Morrissey, M.L., M.A. Shafer, S. Postawko, and B. Gibson, 1995: Pacific Raingauge Data base , *Wat. Resour. Res.*, 31, 2111-2113.
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OTHER PUBLICATIONS (Sample):

- S. Postawko and M.L. Morrissey, "Update of SPaRCE Activities" presented at the 11th Regional Meteorological Service Directors meeting in Noumea, New Caledonia, July 2007
- Klatt, M., M. Morrissey, and J. Greene, "The PACRAIN/PI-GCOS automated rain gauge initiative", presented at the 87th AMS Annual Meeting in San Antonio, TX, January 2007.
- Morrissey, M.L. and J. S. Greene, 1996: WETNET PIP-3 Pacific Atoll Raingauge Product - Uncertainty Analysis, Environmental Verification and Analysis Center, Norman, OK.
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