

## **Publications**

Perez R., P. Ineichen, K. Moore, M. Kmiecik, C. Chain, R. George and F. Vignola, (2002): A New Operational Satellite-to-Irradiance Model. *Solar Energy* 73, 5, pp. 307-317.

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Moore, K. E., D. R. Fitzjarrald, R. K. Sakai, M. L. Goulden, J. W. Munger, and S. C. Wofsy, 1996. Seasonal variation in radiative and turbulent exchange at a deciduous forest in central Massachusetts. *J. Appl. Meteorol.*, 35: 122-134.

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Moore, K. E., D. R. Fitzjarrald, S. C. Wofsy, P. S. Bakwin, B. C. Daube, J. W. Munger, and P. Crill. 1994. A season of heat, water vapor, total hydrocarbon and ozone fluxes at a subarctic fen. *J. Geophys. Res.* 99:1937-1952.

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Fitzjarrald, D. R. and K. E. Moore. 1990. Nocturnal exchange between rain forest and atmosphere. *J. Geophys. Res.*(D10) : 16,839-16850.

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Sakai, R.K., D.R. Fitzjarrald, and K. E. Moore, 2001. Importance of low-frequency contributions to eddy fluxes observed over rough surfaces. *J. Appl. Met.* 40: 2178-2192.

Freedman, J. M., D. R. Fitzjarrald, K. E. Moore, and R. K. Sakai, 2001. Boundary layer clouds and vegetation-atmosphere feedbacks. *J. Climate* 14:180-197.

Fitzjarrald, D. R., O. C. Acevedo, and K. E. Moore, 2001. Climatic consequences of leaf presence in the Eastern United States. *J. Climate* 14:598-614.

Moore, K. E., and B. H. Bailey, 2002. SODAR for Wind Resource Assessment, Presented to American Wind Energy Association, June, 2002.

Moore, K. E., and D. R. Fitzjarrald, 2000. Effect of diffuse light on forest canopy CO<sub>2</sub> uptake. American Geophysical Union Spring 2000 meeting. EOS supplement S87(abstr.)

## **Presentations**

Moore, K. E., 2007. Wind resource assessment with sodar in North America. International Energy Agency Topical Expert Meeting on State of the Art of Remote Wind Speed Sensing Techniques Using Sodars, Lidars and Satellites. Riso, Denmark.

Moore, K. E., 2006. Managing Uncertainty in Shear Estimation. (invited). AWEA Fall Symposium, December, 2006.

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Moore, K.E. 2005. Sodar in wind energy resource assessment: issues and answers. (invited) AWEA Fall Symposium, September, 2005.

Moore, K. E. and B. H. Bailey, 2005. Maximizing the accuracy of sodar for wind energy resource assessment. Proceedings of the American Wind Energy Association, Denver, CO. May 2005.

Moore, K. E. and B. H. Bailey, 2004. Roughness lengths in complex terrain derived from SODAR wind profiles. 16<sup>th</sup> Conference on Boundary Layers and Turbulence, Portland, ME, American Meteorological Society, [www.ametsoc.org](http://www.ametsoc.org).

Moore, K. E. and B. H. Bailey, 2002. Sodar for Wind Energy Resource Assessment. Proceedings of the American Wind Energy Association, Portland, OR.

Seminar at ASRC, January, 1999, on the use of satellite AVHRR data to scale up the surface observation data from Harvard Forest to the Northeast Region.

Moore, K. E., D.R. Fitzjarrald, R.K. Sakai, J. M. Freedman, O. Acevedo. 1997. Soil moisture and evapotranspiration in a boreal jack pine forest. (poster) 12th Symposium on Boundary Layers and Turbulence Met. pg 425.

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