

RESUME

ZOHRAB A. SAMANI, Ph.D., P.E.

Registered Professional Civil Engineer: State of New Mexico

Areas of Expertise:

Remote Sensing and Hydrological Modeling

Water Resource Development

Groundwater Hydrology & Groundwater Modeling

International Technology Transfer

Dr. Zohrab A. Samani is a registered professional engineer with over 25 years of teaching, research and consulting experience. He is currently a professor of water resources at the New Mexico State University. He also holds the distinguished Foreman Professorship.

Dr. Samani has consulted for various private and public sector clients, including the National Science Foundation, the United States Department of Agriculture, the United States Department of Education, the United States Agency for International Development, Phelps Dodge Mining Company, White Sands Missile Range, the United States Army, the City of El Paso utilities department, and Elephant Butte Irrigation District.

Dr. Samani has received various awards for his research and teaching activities including the Distinguished Educator Award from the New Mexico PNM Foundation, the Globalization Award from New Mexico State University, the Bromilow Outstanding Research Award from New Mexico State University, and the New Mexico State University Research Council Award.

Education:

Tehran University, B.S. Water Resources and Rural Development Engineering, 1974

Utah State University, M.S. Agricultural & Irrigation Engineering, 1979

Utah State University, Ph.D. Agricultural & Irrigation Engineering, 1983

Recent Publications:

Samani Z., H. Magallanez. Simple Flume for Flow Measurement in Open Channel. ASCE Journal of Irrigation and Drainage Engineering, Vol. 126, No 2, March/April 2000.

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Technology. University Council on Water Resources, Journal of Contemporary Water Research and Education, Issue 37, p 8-13, Sept. 2007.

Z. Samani, R. Skaggs. The Unintended Consequences of Water Conservation. Book Chapter. Water Resources of the Middle Rio Grande. L.G. Price, P.S. Johnson and D. B. Bland, Editors. New Mexico Bureau of Geology and Mineral Resources. 2007.

Samani Z., and R. Skaggs: The Multiple Personalities of Water Conservation. Journal of Water Management and Policy 10(2008) 285-294.

Samani Z., A Bawazir, M. Bleiweiss, R. skaggs, J. Longworth, V. Tran, A. Pinon. Using remote sensing to evaluate the spatial variability of evapotranspiration and crop coefficient in the lower Rio Grande Valley, NM. Journal of Irrigation Science. (2009) 28:93-100.

Bawazir A. Z. Samani, M. bleiweiss, R. Skaggs, T. Schmugge. Using Aster satellite to calculate riparian evapotranspiration in the Middle Rio Grande, NM. International Journal of Remote sensing. Vol. 30, No. 21, 2009.