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Mac ...  
Bill ...

Jim ...  
Dan ...  
Keith ...  
Tom ...  
Ted ...  
Hank ...  
Thom ...

Bruce ...  
Mark ...  
C ...  
S ...  
John ...

John ...  
David ...  
S ...  
Harry ...  
G ...  
H ...  
P ...



Professor Robert "Jeff" Wagenet  
(1950-1997)

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The 1997 Joint AGU Chapman/SSSA Outreach Conference and the publications from the conference are dedicated to the memory and in honor of Professor Robert "Jeff" Wagenet from Cornell University. Jeff's integrity, self-effacing manner, positive and generous attitude, grace and dignity amidst hardship have forever touched the lives of those of us who knew him. Jeff was both a gentleman and a scholar with a keen and searching intellect whose accomplishments in the area of modeling nonpoint source pollution were of the highest caliber. Jeff's contributions to Soil Science are appreciated and his presence will be deeply missed by his many students and colleagues.

John ...  
A ...

**Dedication to  
Robert "Jeff" Wagenet**

This book honors the memory of our friend and colleague Robert Jeffrey "Jeff" Wagenet for his significant contributions to soil physics and environmental science.

Jeff Wagenet (August 10, 1950 to July 31, 1997) was a Professor in the Department of Soil, Crop, and Atmospheric Sciences at Cornell University from 1982 to 1997 and served as Chair of the Department from 1987 through 1995. Prior to his tenure at Cornell University, Jeff received his Ph.D. in soil science at the University of California-Davis and became a professor at Utah State University (1976-1982) in only six years. While at Utah State University, Jeff was twice named Professor of the Year in the College of Agriculture.

Jeff was internationally recognized for his work on the fate and transport of chemicals in soil, especially the transport and transformation of nitrogen fertilizers under irrigated conditions, and on the displacement and chemical reactions of inorganic salts in saline soils. In cooperation with J.L. Hutson, Jeff developed a family of comprehensive numerical models with the acronym LEACHM that describe the fate and movement of nitrogen fertilizers, inorganic salts, pesticides, and organic manures. The models also were extended for use with a geographic information system soil survey database and climatological data to estimate pesticide leaching at large geographic scales.

Jeff was a fellow of the American Society of Agronomy and the Soil Science Society of America. He received the Honor Award of the Soil and Water Conservation Society in 1989 and served as an associate editor on several journals (*Geoderma*, *Water Resources Research* and others). From 1985 to 1989 he served as an associate editor of the *Journal of Environmental Quality* (JEQ) and from 1990 to 1995 he served as the journal's editor. He published over 80 refereed papers and six book chapters, and was a co-editor of the 1996 SSSA Special Publication entitled *The Role of Soil Science in Interdisciplinary Research*.

In 1996, Jeff Wagenet and William Jury (University of California-Riverside) served as co-editors for a series of 16 papers from the 1995 SSSA Bouyoucos Conference, "Applications of GIS to the Modeling of Non-Point Source Pollutants in the Vadose Zone," that were published in a special symposium section of JEQ (vol. 25, no. 3). Since their publication these papers have been widely quoted in the scientific literature.

Jeff leaves behind his wife of 26 years, Linda; his son, T.R.; and his daughter, Kylie. Jeff's students and colleagues will remember him for his scientific contributions, leadership, dignity, and friendship. He will be deeply missed.

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