

## Thomas Schmugge

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### Education

1959 B.S. Physics, Illinois Institute of Technology, Chicago Illinois  
1965 Ph.D. Physics, University of California, Berkeley, California

### Professional Experience

1964-70 Assistant Professor of Physics, Trinity College, Hartford, Connecticut  
1970-71 NAS-NRC Senior Postdoctoral Fellow, NASA Goddard Space Flight Center  
1971-86 Physicist, Hydrological Sciences Branch, NASA Goddard Space Flight Center  
1979-83 Associate Editor, Journal of Geophysical Research  
1986-2004 Research Physical Scientist, (Retired 1/02/04), USDA Hydrology Laboratory  
1994 Visiting Scientist, INRA Station de Bioclimatologie, Avignon, France  
2000-2003 Field Editor, Agronomie: Agriculture & Environment, Published by INRA & EDP Sciences  
2001-Present Associate Editor, IEEE Trans Geoscience & Remote Sensing

### Primary Research Interests

The use of microwave and thermal infrared remote sensing techniques to observe such parameters as soil moisture, surface temperature, and evapotranspiration

### Professional Activities and Honors (last 6 years)

American Geophysical Union, Fellow  
European Geosciences Union  
Institute of Electrical and Electronics Engineers, Fellow  
Member of Geoscience and Remote Sensing Society  
Elected Fellow of IEEE, 2001  
AGU Robert E. Horton Medalist, 2006

