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**Seminar Series**

# Albert Munsell and His Impact on Soil Science and Other Natural Disciplines

Edward Landa

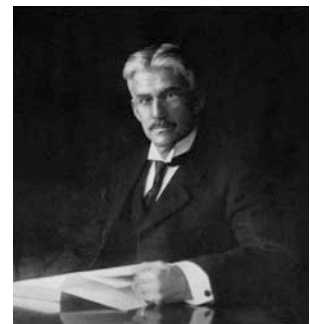
*Research Hydrologist  
US. Geological Survey*

**4pm, Wed, Oct. 4,  
2006**



Auditorium of the Center for Imaging Science

Albert Munsell (1858-1918) was a prominent painter and pioneering color scientist. His legacy includes unique recognition in soil science, where color description of soil horizons is a critical step in classification and mapping. The effects of geochemical processes on soil color, and the impact of Munsell's color description system in other natural sciences will be discussed.



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**Speaker Bio**

Ed Landa has been with the National Research Program of the U.S. Geological Survey (USGS) Water Resources Division since 1978. He holds an M.P.H. in radiological health, and an M.S. and Ph.D. in soil science from the University of Minnesota. His research has focused on radionuclide mobility in soil and aquatic environments, and has included studies of uranium mill tailings, radium processing residues, oil field brines, and indoor radon. He has participated in the IAEA International Chernobyl Project, and in studies of radionuclide contaminants in the Arctic regions. In 1995, he served as chief U.S. scientist on a joint USGS-Russian State Hydrological Institute cruise on the Ob and Irtysh Rivers in western Siberia.

His recent research has moved in a new direction—the environmental impact of tire wear particles. Ed has a long-standing interest in the history of science and technology, and is the author of a monograph on the history of the American radium extraction industry entitled “Buried Treasure to Buried Waste”