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**EDUCATION:**

- 1964-68 Bachelor of Science in Zoology, Montana State University, Bozeman, MT
- 1968-70 Master of Science in Zoology, Montana State University, Bozeman, MT. Emphasis physiology/ecology. (Thesis: Hibernation in the Western Jumping Mouse, *Zapus princeps*.)
- 1972-74 PhD Marine Biology, Dept. of Zoology, University of Hawaii, Honolulu, HI. (Dissertation: Mercury cycling in a small Hawaiian estuary.)

Dr. Samuel N. Luoma is a Senior Research Hydrologist with the US Geological Survey. Since 2000 he has served as the first Lead Scientist for the CALFED Bay-Delta program, an innovative program of environmental restoration over 40% of California's watershed, and water management issues for 60% of California's water supply. His specific research interests are in the bioavailability and effects of pollutants in aquatic environments and developing better ways to merge environmental science and policy. He is an author on more than 160 peer-reviewed publications. He wrote the textbook, *Introduction to Environmental Issues*, in 1984; is an editorial advisor for the highly respected *Marine Ecology Progress Series* and is editor of *Marine Environmental Research*. He is a Fellow in the American Association for the Advancement of Science and was awarded the U. S. Department of Interior's Distinguished Service Award, the University of California at Davis' Wendell Kilgore award for environmental toxicology and the Soc. Environmental Toxicology and Chemistry's Government Service Award. He has served nationally and internationally as an expert or advisor on technical issues and issues at the interface of science and environmental management, including sediment quality criteria (USEPA SAB Sub-committee), Bioavailability of Contaminants in Soils and Sediments (Canadian National Research Council, 1987; US National Research Council sub-committee, 2000-2), mining issues (UNESCO, Global Mining Initiative), selenium issues, environmental monitoring, and metal effects.

Selected publications

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