

2010 Clarke Prize Laureate

Jerald L. Schnoor, Ph.D.

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Dr. Schnoor has focused much of his career on improving human management decisions to reduce negative impacts on water. For instance, early in his career, he developed models of the complex chemistry of acid rain and its impacts on aquatic systems and watersheds. He played a central role in linking acid rain to lake acidification, which ultimately resulted in his “Trickle Down” model being adopted by the U.S. Environmental Protection Agency and later used to guide the 1990 Clean Air Act Amendments.

Dr. Schnoor is not just a leader in environmental science and engineering, but he is also considered a major intellectual leader in the world of scientific publishing. He is the author of over 150 peer-reviewed journal articles, edited or authored seven textbooks, and has served on the editorial board of several journals, such as *Aquatic Sciences* and *Water Resources Research*. He is best known, however, for his role as Editor-in-Chief of *Environmental Science & Technology*, the leading journal in the world on environmental engineering and science. In the seven years he has served as Editor-in-Chief, he has doubled the amount of articles published each year and broadened its international influence by opening offices in Beijing, China, and Utrecht, The Netherlands. Schnoor’s editorials on topics such as water sustainability, water policy, and regulatory action have had direct influence on government, industry, and academia.

Schnoor is the Allen S. Henry Chair of Engineering at the University of Iowa. He also co-founded and co-directs the university’s Center for Global and Regional Environmental Research, which is devoted to studying and bettering our environment.