

BIOSKETCH – Prof. Dr. Ashok Vaseashta



Prof. Dr. Ashok Vaseashta is CEO/CTO and Executive Director for research with the International Clean Water Institute in Virginia, USA. He also serves in several honorary positions, such as a Professor at the Transylvania University of Brasov; Chaired Professor of Nanotechnology at the Ghitu Institute of Electrical Engineering and Nanotechnologies, Academy of Sciences of Moldova; Academician at Euro-Mediterranean Academy of Arts and Sciences, and Senior Strategic Research Advisor for several organizations. Inspired by nature and guided by societal necessities, he strives for technological innovations to address the global challenges of the 21st century. His research interests include critical infrastructure safety, security, and environmental sustainability - all using nexus of advanced technological solution platforms. He is a scholar, visionary, strategist, and dedicated futurist providing strategic leadership to promote and advance research initiatives and priorities using data-driven decisions. He received Ph.D. from the Virginia Polytechnic Institute and State University, Blacksburg, VA in 1990 followed by Kobe post-doctoral fellowship. Following his Ph.D., he served as a professor and researcher at Virginia Tech and Marshall University. He also served as the Director of Research at the Institute for Advanced Sciences Convergence and International Clean Water Institute for Norwich University Applied Research Institutes, Vice-Provost (Rector) for Research in South Carolina, and Executive Director and Chair of Institutional Review Board at a State University in New Jersey. His earlier honorary positions included a Visiting Professor at the Riga Technical University, Latvia, 3 Nano-SAE Research Centre, University of Bucharest, Romania and Visiting Scientist at the Weizmann Institute of Science, Israel. He served the U.S. Department of State in two rotations, as a strategic S&T advisor in the Bureau of International Security and Nonproliferation, Office of Weapons of Mass Destruction and Terrorism, and U.S. diplomat. His research interests span foresight, nanotechnology, environmental/ecological science, and critical infrastructure safety and security. He is the author/editor of 12 books and has published over 300 articles in scientific journals, book chapters, and conferences. He serves on editorial boards of several international journals and is an active member of various professional organizations.

Researchgate: <https://www.researchgate.net/profile/Ashok-Vaseashta>

Academia: <https://asm-md.academia.edu/AshokVaseashta>

LinkedIn: <https://www.linkedin.com/in/prof-dr-ashok-vaseashta-phd-dsc-faps-fion-b409ba14/>