

Paradigm Shift for Sustainable Society

Outline

1. Background
Need of Environmental Revolution
2. Zero Emissions
Concept of Zero Emission
Zero Emission Practices
3. Social System for Sustainability-Paradigm Shift



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Biography **Motoyuki Suzuki**

Motoyuki Suzuki graduated University of Tokyo in 1963 and has been Lecturer, Associate Professor and Professor in Institute of Industrial Science, University of Tokyo, where he was responsible for Environmental Chemical Engineering Laboratory. He was the Director General of the Institute from 1995 to 1998 March.

He served as a Vice Rector of the United Nations University in charge of the environmental and sustainable development programmes from 1998 April to 2003 March. He is now a professor at the University of the Air, while helping UNU's academic activities as a Special Programme Adviser.

He has published more than 300 articles in academic journals and his main books are: Adsorption Engineering (Elsevier, 1990), Activated Carbons (Kodansha Press, 1992, in Japanese), New Technologies for Sustainable Development (JSPS, 1996), Bioassay for Water Environment (Kodansha Press, 1998, in Japanese), Ecological Engineering for the Environmental Creation (Maruzen Pub., 2000, in Japanese), Aiming at Zero Emission Industries (CMC, 2001, in Japanese), etc.

He was the President of Japan Society on Water Environment, International Adsorption Society, Japan Adsorption Society and was a Principal Researcher of Special Area Research Project, "Formulation of Man-Environment System (1987-1993)" and Special Area Research Project "Zero-Emission-Oriented Material Cycles (1997-2001)" supported by Ministry of Education of Japan and "Yakushima Zero-Emission model (2002-2004)" supported by MEXT. He is currently serving as the Chairman of the National Environmental Council.