



Dr. Timothy W. Foresman

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Dr. Timothy W. Foresman has a distinguished career leading technology advances (remote sensing, geographic information systems, water, energy) for international environmental protection and management and has been a pioneer for the global expansion of the Digital Earth vision. From 2000 to 2003 he served as the director of the United Nations Environment Programme's (UNEP) Division of Early Warning and Assessment from the Headquarters in Nairobi, Kenya and then as UNEP's executive science advisor.

Prior to his UN service, Dr. Foresman worked at the National Aeronautics and Space Administration's Washington, D.C. Headquarters, where he led the Digital Earth program as national manager. He continues to help lead this program's legacy, as a founding member of the International Society for Digital Earth, in partnership with the Chinese, Japanese, Asian, European, and North American institutions.

Currently, Dr. Foresman is working with many international institutions and agencies, including China, Japan, India, Iceland, Honduras, and New Zealand, promoting availability of, and enhancing access to, the scientific information needed by decision makers and citizens for improved environmental management and protection utilizing community-based participatory processes that target goals for sustainable development.

Dr. Foresman currently leads or co-leads projects including the Global Hydrogen Partnership, Global Water, Risk Communications, Sustainable Development for Qinghai-Tibet Plateau, Urban Ecosystems Models, Earth Portal, 3-D Geobrowsers, Remote Sensing Core Curriculum, and the International Symposium for Digital Earth.

Dr. Foresman has over a quarter of a century's experience as a scientist, professor, author with over 80 scientific publications, inventor, entrepreneur, consultant, manager, administrator, and world traveler. Dr. Foresman has served on the faculties of the University of Maryland in the US and Keio University in Japan; and is president of ICRSE, a non-profit organization for educational and research of remote sensing and spatial information systems; as well as president of Global Water ([www.globalwater.org](http://www.globalwater.org)).