



KARL SZEKIOLDA

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NOAA Research Professor, Cooperative Remote Sensing Science and Technology Center, CUNY. Member of doctoral research faculty of the Graduate School and University Center of City University of New York.

RESEARCH INTERESTS

Remote sensing and satellite imaging. Use of remote sensing in monitoring contaminants in coastal waters.

PROFESSIONAL EXPERIENCE

Adjunct Full Professor at Hunter College (since 1982); New York University (1999-2001); Long Island University 2001, 1998; Associate Researcher at Columbia University (1997), Visiting Professor at Academia Sinica in Beijing, China (1988), Full Professor at the University of Hamburg (1976-78), Assistant Professor at University of Delaware (1971-75). At Delaware, Dr. Szekiolda was PI in the Earth Resources Technology Satellite under Skylab (EREP). Appointed National Research Council/National Academy of Science Fellow in the Earth Sciences Laboratory at NASA's Goddard Space Flight Center, 1969-1971.

Courses taught at universities include: Remote Sensing and Satellite Imaging, Survey in Oceanography, Physical Oceanography, Coastal Geomorphology, Satellite Monitoring of Earth, Oceans and Earth Environment, Urban and Metropolitan Coasts, Environmental Studies, Earth Sciences, International Organizations.

In the United Nations (1974-1976, 1978-1996), Dr. Szekiolda worked in the area of project management and administration, in environment and natural resources development

and in project formulation and project execution (1974-1996) in Africa, Asia, Eastern Europe, Latin America and the Caribbean, and Western Europe. He was responsible for fundraising and for conducting policy analyses and studies. Supervised staff at the branch/section levels, including supervision of Technical Advisers, Interregional Advisers, Economic Affairs Officers, Scientific Affairs Officers and Regional Advisers.

Substantive contributions to United Nations conferences and meetings included the Committee on Natural Resources, Committee on the Peaceful Uses of Outer Space and inter-agency meetings and participation in Commission on Sustainable Development, UN Conference on Environment and Development (UNCED), follow-up actions taken with respect to Agenda 21, UN Conference on Small Island Developing States (SIDS) and SusTech and contributions to Preparatory Conference on the UN Convention on the Law of the Sea and reports and seminars related to coastal zone management and transfer of marine technology.

Publications include the textbook *Satellite Monitoring of the Earth*, published by John Wiley and Sons; edited *Interregional Seminar on Development and Management of Resources of Coastal Areas*; over 100 technical papers to scientific books and journals dealing with environment, marine science, coastal zone management, satellite remote sensing.

Certificate of Recognition from NASA/JPL Oceanography Program, 2001, and award of the 1976 Océ-van der Grinten Prize for *Monitoring marine pollution from space*.