Jay S Pearlman, Candidate for SSIT Board of Govenors

Dr. Pearlman was Professor (adjunct) at the University of Colorado and Chief Scientist at a research group in Boeing prior to his retirement. Since his retirement, Jay has focused on applications in oceans where he is co-leading an international group on ocean best practices to improve interoperability across ocean observing and support capacity development in emerging countries. He served 6 years on the National Academy of Sciences Ocean Studies Board and is active in international ocean science research and development. Pursuing another interest, Jay has co-coordinated an international effort on the impacts of environmental information on society. Over the last ten years, he has co-organized the GEOValue community and its annual workshops on socioeconomic benefits of improved environmental information. In this work, recently in partnership of NASA, USGS, ESA, NOAA and the Canadian Space Agency, the GEOValue community has brought together natural scientists, sociologists and economists to examine methodologies for assessing impact of information on societal decisions and policy. As a part of this effort, Jay is active in the Group on Earth Observation program to address the impact of GEO information on decision-making.

IEEE Service

Jay is an IEEE Life Fellow. He is a member of the SSIT Board of Governors (**2018-pres**) and is SSIT Vice President for Conferences (2020). In this role, he coordinates SSIT conferences and meetings. Over the last two decades, Jay has contributed to IEEE organizations in many ways: as Geoscience and Remote Sensing Society VP for Information Resources (2006-8) and a member of the GRSS Administrative Committee (2005-9) (equivalent to BoG); as a distinguished lecturer for GRSS (2002-8); as a member of the Oceanic Engineering Society Administrative Committee (**2016-pres**) and chair of the technical committee on observing systems and environmental sustainability (**2005-pres**); as chair of the TAB IEEE Committee on Earth Observation (2004-12) and IEEE Principal Delegate to the international Group on Earth Observations (GEO) (2005-8). In the Humanitarian efforts, Jay was a member of steering group of the IEEE Special Interest Group on Humanitarian Technology (SIGHT) and supported the organization of the Global Humanitarian Technology Conferences (2010-2016). Jay has also been humanitarian activities lead for Region 6 (2014-5). He received the IEEE Special Recognition Award in 2006.

My Goals for SSIT

About a decade ago, I evolved from technical for the sake of technical to asking what impact the technical was having on society. I was focused on Earth information and this led me to initiate a series of efforts (such as GEOValue) on the impacts of information on decision making in government and society. Within IEEE, SSIT is the best base to address this area. With the importance of sustainability, big data, open data, privacy questions as well as with advances in technology, we are moving to a new era. I would like to be re-elected to continue my contributions to the SSIT BoG in order to better address this changing environment. Over the last three years, I have contributed to SSIT and this year

accepted the role of VP Conferences. My objective is expanding participation in our flagship ISTAS conference and introducing a strong capability for virtual participation. We should also introduce multiyear planning and expand the international dialogue. Building on the foundation of the conference core topics, I would like to include each year special high visibility topical issues (special topics) that are relevant to you, your work and your lives. We are examining new means of engagement through virtual workshops to allow more engagement of young professionals and international participation. This year, I co-led a survey of our members to understand how the society can serve you better. This is a continuing mission and I would like to continue on the BoG in order to engage more of you in shaping our vision.