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Kenneth S. Casey, Ph.D.
President, Federation of Earth Science Information Partners
Deputy Chief, Data Stewardship Division
NOAA National Centers for Environmental Information (NCEI)
1315 East-West Highway, Silver Spring MD 20910, USA
Kenneth.Casey@noaa.gov

Education:
Ph.D. in (Physical) Oceanography, University of Rhode Island, 1997
B.S. with Honors in Physics and Marine Science, University of Miami, 1991

Appointments:

2015 – present	Deputy Chief, Data Stewardship Division, NOAA NCEI
Nov 2021 - Feb 2021	Cloud Liaison, Office of Satellite and Product Operations, NOAA/NESDIS
Feb - Nov 2020	Acting Deputy Director, Office of Satellite Ground Services, NOAA/NESDIS
2008 – 2014	Technical Director, NOAA National Oceanographic Data Center (NODC)
2003 – 2008	Satellite Oceanography Team Lead, NOAA NODC
2001 – 2003	Visiting Scientist, NOAA, University Corporation for Atmospheric Research
1999 – 2001	Research Chair in Remote Sensing, United States Naval Academy
1997 – 1999	Visiting Scientist, Universities Space Research Association, NASA Goddard

Biography:

Ken Casey is the President of the Earth Science Information Partners (ESIP), which consists of over 160 members across governmental, academic, and commercial organizations, all dedicated to promoting the collection, stewardship, and use of Earth science data, information, and knowledge that is responsive to societal needs. A voting representative in ESIP since 2003, Ken was elected as President in late 2020. He began serving at the start of this year with the goals of bringing more people into ESIP's collaborative, inclusive environment and to hold up the ESIP example to others, showing how we are stronger together than apart, capable of leveraging our diversity to tackle the world's toughest environmental challenges. At NOAA, Ken serves as the Deputy Chief of the Data Stewardship Division in the NOAA National Centers for Environmental Information (NCEI), part of the NOAA National Environmental Satellite, Data, and Information Service (NESDIS). Ken provides leadership and guidance to NCEI staff and sets the technical direction of division activities, projects, and programs. He coordinates across NCEI and with the broader community to promote NCEI as a responsible citizen of the global environmental data management community, leveraging from and contributing to relevant activities of that community. In collaboration with NOAA, national, and international partners he is helping NOAA to improve archive and access to NOAA's complex, petabyte-scale data. He led a major NOAA project known as *OneStop*, which worked to improve NOAA's data discovery and access framework. Over the last two years, Ken served as the Deputy Program Manager for the NESDIS Cloud Integrated Project Teams, helping to develop a consolidated, enterprise cloud framework to meet the data ingest, product generation, science development, cataloging, discovery, and data dissemination needs for all of NESDIS. During 2020, Ken also served as the Acting Deputy Director of the NOAA/NESDIS Office of Satellite Ground Services (OSGS). In this role, he helped lead the operationalization of the new enterprise NESDIS Common Cloud Framework, established a cloud roadmap for NESDIS, and worked to expand the enterprise cloud framework to handle additional services like archiving, data visualization, and enhanced data discovery

and access. Earlier this year, Ken also became the Program Manager for the Synchronized NCEI Archive Projects Program (SNAPP), an effort to accelerate NOAA's ability to archive data from across NOAA and with its many external data producing partners.

Ken is active within NOAA's environmental data management community, has served as the NESDIS Representative to the NOAA Environmental Data Management Committee, and co-chairs the NESDIS Data Management Working Group. Ken has served on a variety of national and international science and data management panels including the US Group on Earth Observations Data Management Working Group and the Group for High Resolution Sea Surface Temperature (GHRSST) Science Team. He is a past co-chair of the Committee on Earth Observing Satellites (CEOS) SST Virtual Constellation, represents NOAA on the CEOS Working Group for Information Systems and Services (WGISS), and represents NCEI at ESIP. Ken serves on conference steering teams and has given invited plenary presentations at venues like the European Space Agency's Big Data from Space event and the National Institutes of Health's Big Data to Knowledge (BD2K) data cataloging workshop. His scientific experience has focused on the development and use of in situ and satellite-based datasets to document and understand interactions between climate change and marine ecosystems.

Previously, Ken served as the Technical Director of the NOAA National Oceanographic Data Center (NODC) from 2008 to 2014. During his tenure as Technical Director, Ken shifted NODC's ocean data management focus to the implementation of community-based solutions and internationally accepted interoperable data standards. From 2001 to 2008, Ken founded and led the Satellite Oceanography group at NODC, where he developed the organization's capabilities in the archive and management of complex, large-volume satellite data sets, the construction of value-added satellite-based products, and the service of these data and products to the broader community. He was a key participant in the international GHRSST Science Team, which developed and implemented the de facto standard for international satellite-based SST products and a data management system linking data production and dissemination facilities across the globe. Prior to his time at NOAA, Ken held postdoctoral and research chair positions at the NASA Goddard Space Flight Center and United States Naval Academy.

Researcher Identifiers:
ResearchGate Profile
Google Scholar Profile
ResearcherID: D-4065-2013
ORCID: 0000-0002-6052-711