### Scott M. Glenn (lead)

Professor of Marine and Coastal Sciences, Rutgers Univ., Inst. Marine & Coastal Sci., 71 Dudley Road, New Brunswick, NJ, 08901; email glenn@marine.rutgers.edu; phone 732-932-6555 x506

**Education**: ScD (1983) MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering, Cambridge & Woods Hole, MA; BS (1978) Geomechanics, U. Rochester.

**IOOS-relevant qualifications and current synergistic activities**: IOOS MACOORA Board of Directors and MARCOOS PI; DHS Center of Excellence for Port Security, Board of Directors, HF Radar PI and Director of Education; National HF Radar Network, Elected Steering Committee Member; ONR Slocum Glider Technology Center, PI; Navy Littoral Battlespace Sensing – Glider (LBS-G), Co-PI; Navy LEAP Program, Co-PI; NSF OOI Cyber-Infrastructure Implementing Organization, Project Scientist; NJ Wind Energy Consortium, Chair; ORRAP, Ocean Observing Subcommittee Member; NEPTUNE-Canada Regional Cabled Observatory, External Review Committee Member; The Oceanography Society Applied Observing Technologies Representative, Nominated; Journal of Atmospheric and Oceanic Technology, Editor; NSF Centers Ocean Sciences Education Excellence-Networked Ocean World (COSEE-NOW), Co-PI; NOAA Ocean Sciences Curriculum Sequence for Grades 3-5 and Grades 6-8, Science Advisor; NSF Communicating Ocean Sciences to Informal Audiences, Collaborating Scientist & Teacher; NSF Research Internships in Ocean Science & DHS Summer Research Institute, Undergraduate Mentor; *Atlantic Crossing* Documentary Film, Executive Producer.

**Honors and Awards:** (1) Rutgers University, *The Scholar-Teacher Award*, first recipient of the R.U. President’s new award, 2000. (2) State of New Jersey *Assembly* *Resolution No. 209*, Commending Rutgers University (R.U.) Coastal Ocean Observation Lab (COOL), 2002. (3) Rutgers Cook College *Team Award* – R.U.COOL - Glenn, Schofield, Chant, Kohut & McDonnell, 2006. (4) Naval Research Lab *Collaboration Award*, for Helping to Focus Future Naval Oceanographic Research to Support the United States Navy Warfighter Operating in the Littoral Zone, - Glenn & Schofield, 2007. (5) Rutgers School of Environmental & Biological Sciences, *Outstanding Undergraduate Advisor*, 2008. (6) U.S. Secretary of Commerce Gary Locke, *Trans-Atlantic Glider Landing Video*, 2009. (7) NSF *Scientists Making an Impact in Ocean Sciences Education*, Featured Scientist (1 of 10 nationwide), 2010. (8) Smithsonian National Museum of Natural History, First Trans-Atlantic Underwater Robot, 2010. (9) Carnegie CASE U.S. Professors of the Year Awards Program, *New Jersey Professor of the Year*, 2010.

**Relevant publications**:

Glenn, S.,O. Schofield & J. Kohut, 2010. International team completes first trans-Atlantic underwater glider flight, *Journal of Operational Oceanography,* Vol. 3, No. 1, p. 2.

Gong, D., J. Kohut and S. Glenn, 2010. Seasonal climatology of wind-driven circulation on the NJ shelf, Journal of Geophysical Research, doi:10.1029/2009JC005520, V. 115, pp. 25.

Glenn, S.M., and O. Schofield, 2009. Growing a Distributed Ocean Observatory: Our view from the COOLroom, Oceanography, Vol 22., No.2, 112-129.

Glenn, S.M., C. Jones, M. Twardowski, L. Bowers, J. Kerfoot, D. Webb, O. Schofield, 2008. Glider Observations of sediment resuspension in a Middle Atlantic Bight fall transition storm. Limnology and Oceanography. 53 (6): 2180-2196.

Glenn, S., +17 others, (submitted). The Trans-Atlantic Slocum glider expeditions: A catalyst for undergraduate participation in ocean science and technology, Marine Technology Society