Chunyan Li, Ph.D., Email: cli@lsu.edu

Professional Preparation

University of Science and Technology of China, Hefei, China,	*Atmospheric Physics*,	B.S., 1982
Institute of Oceanology, Academy of Science, Qingdao, China,	*Physical Oceanography*,	M.S., 1985
University of Connecticut, Groton, CT,	*Oceanography*,	Ph.D., 1996

Appointments

2014 -	Professor, Louisiana State University
2011 -	Director, WAVCIS
2010 - 2014	Associate Professor, Louisiana State University
2005 – 2010	Tenure-track Assistant Professor, Louisiana State University
Sep. 2000 – 2005	Assistant Professor, Skidaway Institute of Oceanography
Sep. 1996 – Aug. 2000	Research Assistant Professor, Center for Coastal Physical Oceanography, Old Dominion University

Research Interests

Coastal Physical Oceanography, Estuarine Dynamics, Innovative Ocean Observations, Atmospheric-Oceanic Observing Systems, Storm Surge, Severe Weather Induced Ocean Response

Membership

Lifetime Member: American Geophysical Union. Member: American Meteorological Society; Coastal Estuarine Research Federation; American Shore and Beach Preservation Association; Gulf Coast Ocean Observing System Regional Association; Asia Oceania Geosciences Society

Editorial Board

Acta Oceanologica Sinica, Editorial Board Member for both the Chinese and English editions

Awards

2013 The Joseph Lipsey, Jr. and Richard Lipsey Outstanding Teaching Award – by the School of the Coast and Environment, LSU, 2013.

2011 Gulf Guardian Award, a Group Award to GCOOS (TAMU, LUMCON, LSU), EPA, 2011

2009 Outstanding Faculty Teaching Award – by the School of the Coast and Environment, LSU

Related Five Publications

Lin, J., ***C. Li (corresponding author),** K. M. Boswell, M. Kimball, L. Rozas (2016) Examination of Winter Circulation in a Northern Gulf of Mexico Estuary, ***Estuaries and Coasts***, Vol. 39, 1-21. DOI 10.1007/s12237-015-0048-y.

Li, C. (2013) Subtidal Water Flux through a Multi-inlet System: Observations Before and During a Cold Front Event and Numerical Experiments, ***JGR-Oceans***, VOL. 118, 1–16, doi:10.1029/2012JC008109, 2013.

Li, C., H. Roberts, G. Stone, E. Weeks, Y. Luo (2010) Wind surge and saltwater intrusion in Atchafalaya Bay under onshore winds prior to cold front passage, ***Hydrobiologia***, 658:27–39, DOI 10.1007/s10750-010-0467-5.

Li, C., J. R. White, C. Chen, H. Lin, E. Weeks, K. Galvan, and S. Bargu (2011) Summertime Tidal Flushing of Barataria Bay: Transports of Water and Suspended Sediments, ***Journal of Geophysical Research - Oceans***, 116, C04009, DOI:10.1029/2010JC006566.

Li, C., and E. Weeks (2009) Measurements of a Small Scale Eddy at a Tidal Inlet Using an Unmanned Automated Boat, ***Journal of Marine Systems***, 75: 150-162.

Synergistic Activities

Innovation in teaching and training, and contribution to the science of learning – developed / taught eight different courses for undergraduate and graduate students at LSU, including a LSU IGERT course; participated in activities for LA-STEM program, tutored LA-STEM students; and been awarded two outstanding teaching awards for teaching activities (Outstanding Faculty Teaching Award by the School of the Coast and Environment, LSU, 2009; and The Joseph Lipsey, Jr. and Richard Lipsey Outstanding Teaching Award by the School of the Coast and Environment, LSU, 2013).

Development and/or refinement of research tools – Developed several automated surface survey platforms (automated survey boats), including the most recent solar powered automated survey catamaran (funded by the Louisiana Board of Regents as the PI). The automated boats have been used in the Louisiana coastal bays and estuaries, and an arctic lagoon. Two peer reviewed papers have been published from these activities and innovation (Li and Weeks, 2009; Weeks et al., 2011, as the corresponding author).

Development of databases to support research and education – As a voting member of the Gulf Coastal Ocean Observing System (GCOOS), one of the eleven regional associations of IOOS, my lab (WAVCIS) provides real time offshore met-ocean data to NOAA through GCOOS. All the data are transferred hourly to NOAA which makes them available to users. In addition, WAVCIS packaged all its met-ocean data for the 2010 Deepwater Horizon Oil Spill period and provided them to NGI, and NOAA. Also developed a network of observations throughout Louisiana coastal water in various bays and tidal passes and provided data to state agencies.

Broadening the participation of groups underrepresented in STEM – worked with a science teacher at the Louisiana School for Visually Impaired and gave lectures to visually impaired students on weather.

Other Training Activities – Hosted and mentored 9 visiting scientists from three different countries for 1-2 years each. This resulted to broadened research activities of our lab members and students, and 10 peer reviewed publications.