

# Kimberly Gay Rogers

Principal, KG Consulting

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Manteo NC 27954 USA

## EDUCATION

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- 2012 Ph.D. Environmental Engineering, Vanderbilt University  
2000 B.Sc. Geological Sciences & Physical Geography (minor), University of Texas at Austin

## PROFESSIONAL APPOINTMENTS

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- 2022 – present *Principal*, KG Consulting  
2014 – present *Research Associate*, Institute of Arctic and Alpine Research  
University of Colorado Boulder  
2019 – 2022 *Research Scientist & Assistant Professor*, Integrated Coastal Programs  
East Carolina University, Coastal Studies Institute  
2015 *Shipboard Sedimentologist*, International Ocean Discovery Program  
Singapore to Colombo Sri Lanka  
2012 – 2014 *Postdoctoral Research Scholar*, Community Surface Dynamics Modeling System  
University of Colorado Boulder

## SCHOLARLY APPOINTMENTS

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- 2018 *Visiting Researcher*, Policy Instruments and Socio-ecological Systems Research Group  
Helmholtz Centre for Environmental Research, Leipzig Germany  
2016 *Visiting Scholar*, Ostrom Workshop in Political Theory and Policy Analysis  
Indiana University  
2016 *Research Affiliate*, Center for Science and Technology Policy Research  
University of Colorado Boulder  
2014 *Research Affiliate*, Center for the Analysis of Social-Ecological Landscapes  
Indiana University

## GRANTS Awarded (total as Lead PI as of 6/2022: \$2,285,098; as Co-PI/Sr. Personnel; \$2,014,000)

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- 2022 – 2027 National Science Foundation, Dynamics of Integrated Socio-Ecological Systems (DISES)  
Program, Co-PI: **Rogers, K.G.**, East Carolina University, \$1.6M, *Understanding cyclone responses and related social-ecological dynamics in coastal human-mangrove-reef systems*  
2022 – 2024 National Oceanic and Atmospheric Administration/Sea Grant, PI: **Rogers, K.G.**, East Carolina University, \$180k, *Assessing spatial and temporal controls on sediment transport in Currituck Sound*  
2018 – 2022 Bangladesh Water Development Board with funding from World Bank, Key Science Personnel: **Rogers, K.G.**, *Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone (Sustainable Polders Adapted to Coastal Dynamics)*, Coastal Embankment Improvement Project (CEIP)  
2017 – 2022 National Science Foundation, Dynamics of Coupled Natural-Human Systems (CNH), PI: **Rogers, K.G.**, University of Colorado Boulder, \$1.5M, *Socioecological system dynamics related to livelihood, human migration, and landscape evolution*

- 2014–2019 National Science Foundation, Science, Engineering and Education for Sustainability (SEES) Fellowship, PI: **Rogers, K.G.**, University of Colorado Boulder, \$568k, *Linking Rural Smallholder Soil and Water Management Practices in Tropical Deltas to Sea Level Rise Vulnerability*
- 2016 Consortium for Ocean Leadership, Post-Expedition Award, PI: **Rogers, K.G.** University of Colorado Boulder, \$15k
- 2014 U. S. Science Support Program and International Ocean Discovery Program, PI: **Rogers, K.G.**, University of Colorado Boulder, \$20k
- 2012–2014 Postdoctoral Research Fellowship, National Science Foundation, Division of Earth Sciences, PI: I. Overeem, PDF: **Rogers, K.G.**, University of Colorado Boulder, *Modeling Floodplain Dynamics: Can the Ganges-Brahmaputra Delta keep up with 21st Century Sea Level Rise?*
- 2005–2011 Graduate Fellow Scholarship, Vanderbilt University
- 2005–2011 Graduate Research Travel Grant, Vanderbilt University
- 2004–2005 Graduate Fellow Scholarship, Stony Brook University

### **GRANTS, in Preparation**

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National Science Foundation, Coastlines and People (CoPe) Program, *Cascading Behavioral and Physical Impacts of (Mal)Adaptation to Coastal Hazards* (Lead PI, in prep)

### **BIBLIOGRAPHY**

- 
- 2022 **Rogers, K.G.**, Carrico, A., Donato, K., Gilligan, J., and Wilson, C.A. Infrastructure as a migration push. In preparation for submission to *Environmental Research Letters*
- 2022 **Rogers, K.G.**. Positive and negative feedbacks related to infrastructure building in coastal Bangladesh. In preparation for submission to *Environmental Policy and Governance*
- 2021 Mallick, B., **Rogers, K.G.**, and Sultana, Z. In harm's way: Non-migration decisions of people at risk of slow-onset coastal hazards in Bangladesh. *Ambio*. 10.1007/s13280-021-01552-8
- 2020 **Rogers, K.G.** (lead) Environmental and Social Dimensions of the Coastal Embankment Improvement Project. Interim Project Report to the World Bank
- 2020 Hossain, S., Gain, A., and **Rogers, K.G.** Sustainable coastal socioecological systems: How do we define "coastal"? *International Journal of Sustainable Development and World Ecology*. 10.1080/13504509.2020.1789775
- 2018 **Rogers, K.G.**, Hagedorn, A.D., Hagedorn, J., Pearce, K., and Sanga, U. Infrastructure Governance and Environmental Justice in Bangladesh, SESYNC Open-source Case Study collection (<https://www.sesync.org/for-you/educator/case-study-collection>)
- 2018 Blum, M., **Rogers, K.G.**, Gleason, J. and Najman, Y. Allogenic and autogenic signals in the stratigraphic record of the deep-sea Bengal Fan. *Nature: Scientific Reports* 8:7973, 10.1038/s41598-018-25819-5
- 2018 Higgins, S.A., Overeem, I., **Rogers, K.G.**, Kalina, E. Impacts of India's National River Linking Project on rivers and deltas. *Elementa: Science of the Anthropocene* 6(1):20, 10.1525/elementa.269
- 2017 **Rogers, K.G.**, and Overeem, I. Doomed to Drown? Sediment accretion in the low-lying human-modified landscape of the Ganges-Brahmaputra-Meghna Delta, Bangladesh. *Elementa: Science of the Anthropocene* 5:65, 10.1525/elementa.250
- 2016 **Rogers, K.G.** (lead) Workshop Report: Linking Earth System Dynamics and Social System Modeling. Community Surface Dynamics Modeling System

- 2015 **Rogers, K.G.**, Goodbred Jr., S.L., and Khan, S.R. Shelf-to-canyon connections: Transport-related morphology and mass balance at the shallow-headed, rapidly aggrading Swatch of No Ground Canyon (Bay of Bengal). *Marine Geology* 369: 288-299, 10.1016/j.margeo.2015.09.011
- 2015 France-Lanord, C., Spiess, V., **Rogers, K.G.**, and Expedition 354 Scientists. Bengal Fan: Neogene and late Paleogene record of Himalayan orogeny and climate: A transect across the Middle Bengal Fan. *International Ocean Discovery Program Report*
- 2014 **Rogers, K.G.** and Goodbred Jr., S.L. The Sundarbans and Bengal Delta: the world's largest tidal mangrove and delta system. In Kale, V. S. (ed.), *Landscapes and Landforms of India*. Springer Verlag, 181-188
- 2013 **Rogers, K.G.**, Goodbred Jr., S.L., and Mondal, D.R. Monsoon sedimentation on the 'abandoned' tide-influenced Ganges-Brahmaputra delta plain. *Estuarine, Coastal and Shelf Science* 131, 297-309, 10.1016/j.ecss.2013.07.014
- 2013 **Rogers, K.G.**, Syvitski, J.P.M., Overeem, I., Higgins, S., and Gilligan, J.M. Farming Practices and Anthropogenic Delta Dynamics. In *Deltas: Landforms, Ecosystems and Human Activities*, Young and Perillo (eds.), *IAHS Redbook* No. 358, ISBN-13: 9781907161360
- 2013 **Rogers, K.G.** Herschel Island—Qikiqtaryuk: A natural and cultural history. *Arctic, Antarctic and Alpine Research*, 45(2): 297-298. 10.1657/1938-4246-45.2.297
- 2012 **Rogers, K.G.** Spatial and temporal sediment distribution from river mouth to remote depocenters in the Ganges-Brahmaputra Delta, Bangladesh. *Vanderbilt University*
- 2010 **Rogers, K.G.** and Goodbred Jr., S.L. Mass failures associated with the passage of a large tropical cyclone over the Swatch of No Ground submarine canyon (Bay of Bengal). *Geology*, 38 (11), 1051-1054, 10.1130/G31181.1

#### INVITED PRESENTATIONS, PANELS, and SYMPOSIUMS

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- 2021 *Contextualized knowledge: What have we learned from comparative research?* Breaking Barriers-Urbanizing Deltas of the World Final Conference, Sponsored by the Dutch Research Council *Livelihoods, Mobility, and Flood Control Infrastructure in Bangladesh*. MIGSOKO Special Webinar, Helmholtz Environmental Research Center (UFZ), Leipzig, Germany  
*Coastal Landscape Dynamics and Human Migration*. University of North Carolina, Department of Earth, Marine, and Environmental Sciences Seminar Series, Chapel Hill
- 2020 *Coupled Human-Natural (and Technical) Systems in the Bengal Delta, Bangladesh*. North Carolina State University, Marine, Environmental, and Atmospheric Sciences Seminar, Raleigh; Virginia Institute of Marine Sciences Seminar Series, Newport News
- 2019 *Dams, diversions, dikes and their impact on sediment transfer across the land-sea boundary*. The Asian Sedimentary Continuum: Toward a Global Perspective, Xiamen University, China  
Workshop on the Transformation of Social-Ecological-Technical Systems. Swiss Federal Institute of Aquatic Science and Technology, Kastanienbaum, Switzerland  
*Infrastructure Governance and Socioecological System Dynamics in the Bengal Delta*. Carolina Asia Scholar Network Conference, University of North Carolina, Chapel Hill
- 2018 *Dynamics of Socio-Technological-Environmental Systems in the Bengal Delta*. Going Coastal: Early Career Contributions in Coastal and Climate Science, East Carolina University, Greenville  
*Landscape Dynamics and Human Migration*. Helmholtz Environmental Research Center (UFZ), Leipzig, Germany  
*Livelihoods, Human Migration, and Landscape Evolution in Southwest Bangladesh*. International Center for Climate Change Adaptation and Development, Dhaka, Bangladesh

- Sediment, Sea Level Rise, and Flood Control Infrastructure*. International Affairs Program, University of Colorado Boulder
- 2017 *Sediment Dynamics and the Static Infrastructure Dilemma of Delta Socioecological Systems*. Environmental Studies Colloquium, University of Colorado Boulder
- The Paradox of Infrastructure as both Protector and Limiter of Common Pool Resources in the Bengal Delta, Bangladesh*. Future Deltas Symposium, Utrecht University, Netherlands
- Practicing the Commons in Deltas. XVI Biennial International Association for the Study of the Commons Conference, Utrecht, Netherlands
- The Role of Technology in SocioEcological Systems. 2nd Programme on Ecosystem Change and Society - Place-based Transdisciplinary Research for Global Sustainability, Oaxaca, Mexico
- 2016 *Doomed to Drown? Sediment Dynamics and the Threat of Sea Level Rise in the Bengal Delta*. Geological Sciences Colloquium, Indiana University Bloomington
- Coupled Human-Environmental Dynamics in Coastal Bangladesh*. School of Global and International Studies, Indiana University Bloomington
- Ambiguous Geographies Symposium. Center for the Study of Global Change, Indiana University Bloomington
- 2015 *River Deltas, Monsoons, and Climate Change*. American International School, U.S. Embassy, Dhaka, Bangladesh
- 2012 Consultation Workshop on Sediment Dynamics and Sea Level Rise in the Coastal Areas of Bangladesh. World Bank Multidisciplinary Workshop, Dhaka, Bangladesh
- Monsoon Sedimentation in the 'Abandoned' Tidal-Influenced Ganges-Brahmaputra Delta*. Department of Geology, Dhaka University, Dhaka, Bangladesh
- 2010 *Water, Culture and Social Justice in Bangladesh: A Transdisciplinary Initiative on Environmental Systems Approach to Education*. CSDMS Executive Committee Meeting, Boulder CO

**CONFERENCE ACTIVITY** (\*presenter; \*\*student presenter)

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- 2021 **Rogers, K.G.\***, Carrico, A., Donato, K., Gilligan, J. and Wilson, C.A. *Positive and Negative Feedbacks Related to Infrastructure Building in Coastal Bangladesh*. American Geophysical Union General Assembly (AGU)
- Rogers, K.G.\*** and Kane, S.C. *Re-Envisioning Water in the Anthropocene: Meso-scale Patterns of Embanked Floodplains*. 4S: Society for Social Studies of Science (abstract accepted)
- Kops, J.\*\* **Rogers, K.G.**, Howard, G. *Flood Memorialization in Eastern North Carolina*, Water Resources Center Environmental Research Reboot, East Carolina University
- 2020 Carrico, A.\*, **Rogers, K.G.**, Donato, K., Gilligan, J. and Wilson, C.A. *Livelihoods, Mobility and Flood-control Infrastructure in Bangladesh*. AGU
- 2018 Blum, M.\*, **Rogers, K.G.**, Gleason, J., and Najman, Y. *Fingerprints of Climate Change in the Detrital-Zircon U-Pb Record of the Deep-Sea Bengal Fan?* AGU (invited)
- 2017 Barton, M.C.\*, Nelson, G.C., Tucker, G.E., Lee, A., Porter, C., Ullah, I., Hutton, E.W.H., Hoogenboom, G., **Rogers, K.G.**, and Pritchard, C. *A community framework for integrative, coupled modeling of human-Earth systems*. AGU
- Rogers, K.G.\*** and Overeem, I. *Doomed to Drown? Sediment accretion in the low-lying human-modified landscape of the Ganges-Brahmaputra-Meghna Delta, Bangladesh*. AGU
- Blum, M.D.\*, **Rogers, K.G.**, Gleason, J.D., and Najman, Y. *Allogenic and autogenic signals in the detrital zircon U-Pb record of the deep-sea Bengal Fan*. AGU

- Kane, S.C.\* and **Rogers, K.G.** *Sociocultural dynamics in global human-environmental systems models: Adding local depth to decision making algorithms, an example from the Paraná Delta, Buenos Aires, Argentina.* Community Surface Dynamics Modeling System (CSDMS) Annual Meeting
- 2015 **Rogers, K.G.\***, Brondizio, E.S., Roy, K. and Syvitski, J.P.M. *Linking river basin modifications and rural soil and water management in tropical deltas to sea level rise vulnerability.* AGU
- 2014 Overeem, I.\*, **Rogers, K.G.**, Passalacqua, P., Canestrelli, A., Cohen, S., and Ahmed, K.M. *Sedimentation patterns in the Ganges-Brahmaputra Delta System.* American Association of Petroleum Geologists Annual Meeting (AAPG)
- Rogers, K.G.\*** and Overeem, I. *Simplifying the Ganges-Brahmaputra sediment dispersal system using a coupled model-field approach.* CSDMS Annual Meeting
- Hossain, A.\*, Ahmed, K.M, Overeem, I., and **Rogers, K.G.** *Assessing morphological changes due to hydro-meteorological influences in Mehendiganj Island, Meghna Estuary, Bangladesh.* AGU
- 2013 **Rogers, K.G.\*** and Overeem, I. *Modeling floodplain dynamics: Will the Ganges-Brahmaputra Delta survive 21<sup>st</sup> century sea level rise?* AGU
- Gilligan, J.M.\*, Ackerly, B., Ahmed, K.M., Benneyworth, L., Goodbred, S.L., Hall, M., Jacobi, J.H., Mondal, D.R., Pickering, J. **Rogers, K.G.**, Roy, K. and Auerbach, L.W., 2013. *Water and Social Justice in Bangladesh: A transdisciplinary and intercultural approach.* AGU
- 2012 **Rogers, K.G.\*** *Seasonal-scale spatial and temporal sedimentation patterns on the tide-dominated lower Ganges-Brahmaputra Delta plain.* The Oceanography Society/American Society of Limnology and Oceanography/AGU Ocean Sciences Joint Meeting
- 2011 **Rogers, K.G.\*** and Goodbred Jr., S.L. *Seasonal-scale spatial and temporal sedimentation patterns on the lower Ganges-Brahmaputra Delta plain.* NSF's National Center for Earth Surface Dynamics, Summer Institute for Earth Surface Dynamics
- 2010 **Rogers, K.G.\*** and Goodbred Jr., S.L. *Sedimentation patterns and transport pathways linking river mouth to remote depocenters in the Ganges-Brahmaputra Delta, Bangladesh.* AAPG
- Goodbred Jr., S.L.\* and **Rogers, K.G.** *Predicting long- and short-term climate-related impacts in the Bengal Delta, a robust natural system limited by societal constraints.* AAPG
- 2008 **Rogers, K.G.\*** and Goodbred Jr., S.L. *Storms as potential change agents on the Ganges-Brahmaputra Delta: coevolving clinof orm and canyon morphology.* Society for Sedimentary Geology Special Meeting: Clinof orm Sedimentary Deposits
- Rogers, K.G.\***, Goodbred Jr., S.L., Khan, S.R., and Ullah, S.A. *From river mouth to remote depocenters: coupled oceanographic and climatic controls on Ganges-Brahmaputra sediment dispersal across the Bengal Margin.* Geological Society of America Annual Meeting
- 2007 **Rogers, K.G.\*** *Sediment transport pathways in a high-energy source-to-sink system: results from the submarine topsets of the Ganges-Brahmaputra Delta, Bangladesh.* AGU

#### **DEPARTMENTAL TALKS**

- 2018 *Sediment Dynamics and Coupled Human-Natural Systems in the Bengal Delta, Bangladesh.* Institute for Arctic and Alpine Research Seminar, University of Colorado Boulder CO
- 2016 *Intersections of Sustainability and the Problem of Institutional Fit in Delta Socioecological Systems.* Ostrom Workshop Research Colloquium, Indiana University Bloomington IN
- 2014 *Sediment Dynamics, Sea Level Rise, and the Ganges-Brahmaputra Delta.* Institute for Arctic and Alpine Research Seminar, University of Colorado Boulder CO
- 2010 *Coastal Sediment Dynamics and Environmental Change.* Transdisciplinary Initiative on Environmental Systems Seminar, Vanderbilt University, Nashville TN

## **MENTORING** (\*mentee from an under-represented group)

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- 2021 \*Research Experience for Undergraduates: C2-Virtual-C, mentor on project titled, *Processes sustaining a micro-tidal salt marsh in Eastern North Carolina*
- 2020 \*East Carolina University Undergraduate Applicant to the *Frederick Douglass Global Fellowship*
- 2017 \*TU Dresden (Germany) Institute of Applied Geosciences Master's Student: perceptions and experiences of coastal hazard vulnerability collected through key informant interviews
- 2015 \*Khulna University (Bangladesh) Environmental Science Master's Students: indicators of climate stress and adaptation by farmers collected through household surveys
- 2014 \*Broomfield High School Student: *The Effect of Human Activities in the Ganges River Delta on Soil Organic Carbon* - student won Colorado Frolicsome Survey Environmental Science Award at Intel Science Talent Search Competition
- 2012 Dhaka University (Bangladesh) Geology Master's Student: collection, processing and analyses of sediment and remote sensing data to quantify morphologic change

## **PROFESSIONAL DEVELOPMENT**

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- 2020 Writing Successful Proposals to NSF CAREER (Grants Workshop), Greenville, NC
- 2018 Science Diplomacy Workshop: Transcending Academic and National Boundaries and Advancing Scientific Discovery, Washington DC
- 2017 Teaching Socio-Environmental Synthesis with Case Studies. National Socio-Environmental Synthesis Center, Annapolis MD
- How to Model Human Decision Making in Socio-Ecological Agent Based Models. Center for Behavior, Institutions and the Environment, Tempe AZ
- 2013 Pan-American Advanced Studies Institute—Toward a Sustained Operational River-to-Shelf Observation & Prediction System for the Amazon. Rio de Janeiro and Ubatuba, Brazil
- 2011 National Center for Earth Surface Dynamics, Summer Institute—Coastal Processes and the Dynamics of Deltaic Systems. Minneapolis MN
- 2010 Subsidence & Sea Level Rise in Coastal LA, Short Course and Field Trip. New Orleans LA

## **OTHER RESEARCH and PROFESSIONAL EXPERIENCE**

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- 2011 Chevron Energy Technology Company, San Ramon CA, Research Intern
- 2011 Shell International E&P, Houston TX, Research Intern
- 2009 ExxonMobil Upstream Research Company, Houston TX, Research Intern
- 2005–2010 Vanderbilt University, Nashville TN, Research Assistant

## **PROFESSIONAL SERVICE**

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- *Merit Review*

- 2022 National Science Foundation, Partnerships for International Science and Education
- 2019 National Science Foundation, Geography & Spatial Sciences
- 2019 National Science Foundation, Research Traineeship Program (NRT; The Future of Work at the Human-Technology Frontier)
- 2018 National Science Foundation, Research Traineeship Program (NRT; Innovations at the Food-Energy-Water Nexus)

- Panels

- 2021 Bangladesh Emerging Science Leaders. Gobeshona 7: Action-oriented Research on Climate Change Globally, Dhaka, Bangladesh and Virtual (Chair)
- 2018 The Sustainability and Resilience of Coastal Systems: Creating Synergy Among Federal, State, and NGO Initiatives II. AGU General Assembly, Washington DC (Co-chair)
- 2018 Re-envisioning “Sustainable” Deltas through Critical Physical Geography. American Association of Geographers Annual Meeting, New Orleans LA (Chair)
- 2017 The Sustainability and Resilience of Coastal Systems: Creating Synergy Among Federal, State, and NGO Initiatives I. AGU General Assembly, New Orleans LA (Co-chair)
- 2016 Advances in Integration of Earth Systems Dynamics and Social Systems Models. AGU General Assembly, San Francisco CA (Chair)
- 2013 Water, Climate Variability, and the Anthropocene. AGU General Assembly, San Francisco CA (Co-chair)

- Editorial Service

- 2021 Science of the Total Environment, Special Issue co-editor: *Social-ecological changes and transformation to sustainability in coastal areas*
- 2020 International Journal of Sustainable Development & World Ecology, Special Issue co-editor: *Sustainable coastal socio-ecological systems*

- Workshop Coordination

- 2021 Enhancing Research and Training Opportunities in ECU’s Graduate Programs, Water Resources Center Environmental Research Reboot, Virtual
- 2016 Linking Earth System Dynamics and Social System Modeling Workshop, sponsored by CSDMS, National Science Foundation, and AIMES/Future Earth, Boulder CO

- Journal Peer Review

Ambio; Environmental Health Perspectives; Environmental Science: Processes and Impacts; Estuarine, Coastal and Shelf Science; Geology; Journal of Flood Risk Management; Marine Geology; Regional and Environmental Change; Science of the Total Environment; Sedimentology; Water Resources Research

- Advisory Boards, Committees, Working Groups

- 2021 – present Center for Natural Hazards Research, Advisory Board, East Carolina University
- 2021 – present Office of Global Affairs Advisory Committee, East Carolina University
- 2019 – present PhD and Undergraduate Curriculum Committees, Integrated Coastal Programs, East Carolina University
- 2018 – present Global Land Programme, Member
- 2014 – present Human Dimensions Working Group, CSDMS
- 2018 – 2021 Executive Committee Member, Network for Computational Modeling in Social and Ecological Sciences (CoMSES Net)/Open Agent Based Modeling Network
- 2014 Diversity Committee, Institute of Arctic and Alpine Research
- 2009 Vanderbilt Earth and Environmental Sciences Department Colloquium Committee

## **OUTREACH, VOLUNTEERISM, and MEDIA CONTRIBUTIONS**

People and Sediment: Environmental Change in Bangladesh. Feature: Coastal Studies Institute's "*Latest News*", September 2020

Rising Seas Are Flooding Bangladeshi Farms with Salt Water. In *Slate*, August 2017

Delta Subsidence, An Imminent Threat to Coastal Populations. In *Environmental Health Perspectives*, Vol. 123, No. 8, August 2015, 10.1289/ehp.123-A204

"Q&A with a JR Scientist", Video broadcasts with global college, secondary and high school students, live from the Indian Ocean aboard the research vessel *Joides Resolution*, 2015

"Turbidite Transport: Sediment's Journey", Educational video: International Ocean Discovery Program Education and Outreach Series: Expedition 354

National Ocean Sciences Bowl, Moderator (Volunteer)

City of Boulder Open Space and Mountain Parks, Bat Monitor (Volunteer)

Geology Field Trip Guide, Chihuahuan Desert Challenge Mountain Bike Race (Volunteer)

Earth Day Science Demonstration Leader (Volunteer)

## **PROFESSIONAL MEMBERSHIPS & ADVOCACY**

American Geophysical Union, National Organization of Research Development Professionals,  
International Network for the Science of Team Science, Union of Concerned Scientists,  
Women in Science and Engineering (Boulder Chapter)