Rehenuma Lazin

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EDUCATION

- Ph.D. (onging) in Environmental Engineering (Fall 2017 - Present)
University of Connecticut, Connecticut.

- B.Sc in Water Resources Engineering (2016)
Bangladesh University of Engineering and Technology, Dhaka, Bangladesh.
Undergrad Thesis: Assessment of Nearshore Sediment Transport Along Coxs Bazar Coast Using Delft3D Model.
Advisor: Dr. Umme Kulsum Navera

EMPLOYMENT HISTORY

- Research Assistant, University of Connecticut (August 2017 - Present)
- Lecturer, Department of Civil Engineering, Port City International University (January 2017 - February 2017)

TECHNICAL SKILLS

- Programming Languages: **C++**, **MATLAB**, **R**, **Python** (Familiar)
- Simulation Tools: **CREST-SVA**, **Delft3D**, **HEC-RAS**, **HEC-HMS**
- Geographical Software: **GIS**
- Designing Tools: **AutoCAD**, **SAP**
- Scripting Language: LaTeX

RESEARCH INTERESTS

- Hydrological Modeling
- Flood Inundation Mapping
- Flood Frequency Analysis

CONFERENCE PROCEEDINGS

Posters

- **Lazin, R.**, Shen, X., Koukoula, M., Nikolopoulos, E., and Anagnostou, E. (2018), ***Multi-Model Assessment of Evapotranspiration over the Upper Blue Nile Basin.*** -European Geosciences Union (**EGU**) General Assembly 2018, 8-13 April 2018, Vienna, Austria.
- Shen, X., **Lazin, R.**, Anagnostou, E. N., Wanik, D. W., and Brakenridge, G. R. (2017), ***Mapping the Recent US Hurricanes Triggered Flood Events in Near Real Time*** - 2017 Fall Meeting, **AGU**, New Orleans, LA, 11-15 Dec

Talks

- Anagnostou, E., Shen, X., Nikolopoulos, E., and **Lazin, R.** (2018), ***Evaluation of Precipitation Resolution and Quantification Error Effects on Flood Modeling of Mid-Latitude Basins*** -European Geosciences Union (**EGU**) General Assembly 2018, 8-13 April 2018, Vienna, Austria.

RESEARCH PROJECTS

- **NSF PIRE:** Taming Water in Ethiopia - An Interdisciplinary Approach to Improve Human Security in a Water-Dependent Emerging Region.