

## Israt Jahan Tama

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### EDUCATION

<b>Louisiana State University</b>	Baton Rouge, LA
<i>Graduate Research Assistant</i>	2022-Present
Academic advisor: <i>Rebecca De Jesus Crespo</i>	
<b>Jahangirnagar University</b>	Dhaka, Bangladesh
<i>Master's</i>	2019-2021
<b>Jahangirnagar University</b>	Dhaka, Bangladesh
<i>B.A., English Literature</i>	2014-2019

### PUBLICATIONS

#### In Review

**Tama, I.** , De Jesus,R., Douthat,T. and Smiley, K. Socio-demographic predictors of flood exposure in the Amite River Basin during the 2016 Louisiana (USA) Floods . [In Review at *Peer J*].

### PRESENTATIONS

#### Conference Presentations(Oral)

Natural Hazard Center, University of Colorado Boulder, "*Disparities in Exposure to the August 2016 Louisiana Floods: Trends Inside & Outside the FEMA Special Flood Hazard Area*" July, 2024. Boulder, Colorado.

#### Poster Presentation

LA Water Conference, "*Linking Flood Resilience to Urban Reinvestment in the Amite River Basin, LA.*" August, 2009.

Society for Fresh Water Science "*Racial Disparities in Exposure to the 2016 Louisiana Flood Events: Trend Inside vs Outside the FEMA Special Flood Hazard Area*" May, 2024.

### AWARDS

Travel Grant from pinkie Gordon Lane Graduate School, LSU (\$200) . . . . . July, 2024  
Travel Award from the Louisiana Environmental Lecture Series Fund , LSU (\$500) . . . . . 2024

## RESEARCH AND WORK EXPERIENCE

### **Assessment of Corporate Sustainability in a Leading Apparel Industry in Bangladesh**

Jahangirnagar University

*MS Thesis*

October, 2021

### **Assessment of the effect of climate change on the vegetative growth of Tomato (VCT-1 and Roma-VF) using DSSAT, Mymensingh, Bangladesh**

*Bachelor Final Year Research*

Jahangirnagar University

October, 2019

## TEACHING EXPERIENCE

### **Teaching Assistant**

**Louisiana State University**  
**Department of Environmental Sciences**

*Introduction to Environmental Sciences*

Batproux, LA  
2023-Present

## TECHNICAL

### **Programming**

R, Visual basic, R markdown, Python and  $\text{\LaTeX}$

### **Statistical software**

R, SPSS,

### **Database Management**

MS Access, MS Excel

### **Research Software and Skills**

Arc GIS Pro, Q GIS

## Achievements

**NST fellowship for MS thesis proposal by Bangladesh Govt.**

January, 2021

**Scholarship for B.Sc. and M.Sc. result by Jahangirnagar University**

2015-2021

## REFERENCES

### **Rebeca De Jesus Crespo**

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College of the Coast and Environment  
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### **Thomas Doutha**

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College of the Coast and Environment  
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Baton Rouge, LA 70802  
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### **Cheryl Harrison**

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Baton Rouge, LA 70802  
Email: *cherylharrison@lsu.edu*