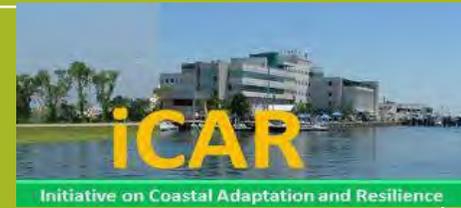




UNIVERSITY OF
SOUTH FLORIDA
ST. PETERSBURG



CROWDSOURCED FLOOD MAPPING: MAPPING FLOOD VULNERABILITIES AND SOLUTIONS : A GEOSPATIAL ANALYSIS SUMMER '19 WORKSHOP MIDDLE AND HIGH SCHOOL STUDENTS

Offered By

Initiative on Coastal Adaptation and Resilience (iCAR)

Lead Faculty

Drs. Barnali Dixon & Rebecca Johns

Funded by AGU Centennial Major Project Grant

AGU100 ADVANCING
EARTH AND
SPACE SCIENCE

Additional Sponsors



Session Information

• May 24th, 6:30 pm	ORIENTATION	CHILD'S PARK REC
• June 18th, 6 pm to 9 pm	In-class work	CHILD'S PARK REC
• June 19th, 8 am to 11 am	Field work	
• June 20th, 8 am to 11 am	Field work	
• June 25th, 9 am to 1pm, GROUP 1	Mapping	USFSP
• June 25th, 1 pm to 4 pm, GROUP 2	Mapping	USFSP
• June 26th, 6 pm to 9 pm	Analyzing Data	CHILD'S PARK REC
• July 12th, 6 pm to 9 pm	Presentations	CHILD'S PARK REC

ORIENTATION

May 24, 2019



Orientation Welcome by Dr. Johns

Photo: Emma Jacobson



Orientation Welcome by Dr. Dixon

Photo: Emma Jacobson



Q&A with Dr. Johns

Photo: Emma Jacobson



Attendee engaged in conversation with Dr. Johns (left) Reviewing Course Expectations (Right)

Photo: Emma Jacobson

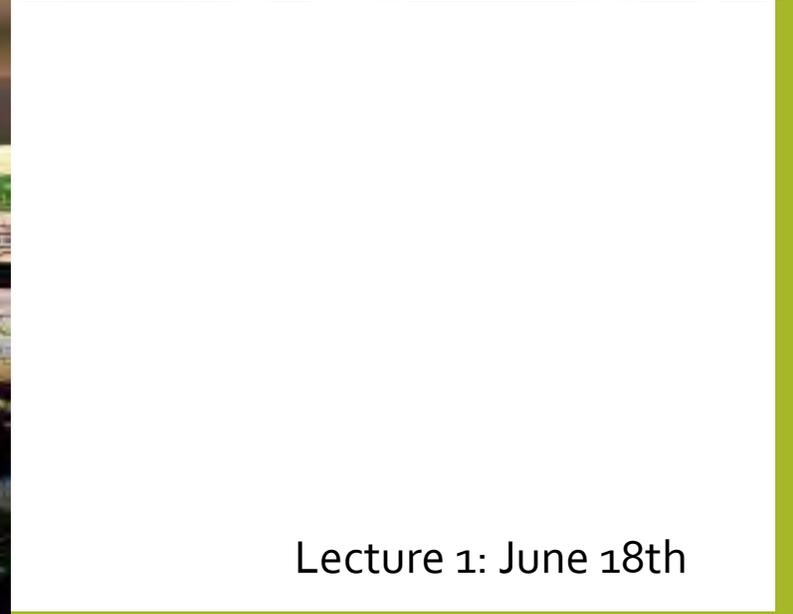


Dr. Johns explaining Fieldwork plan

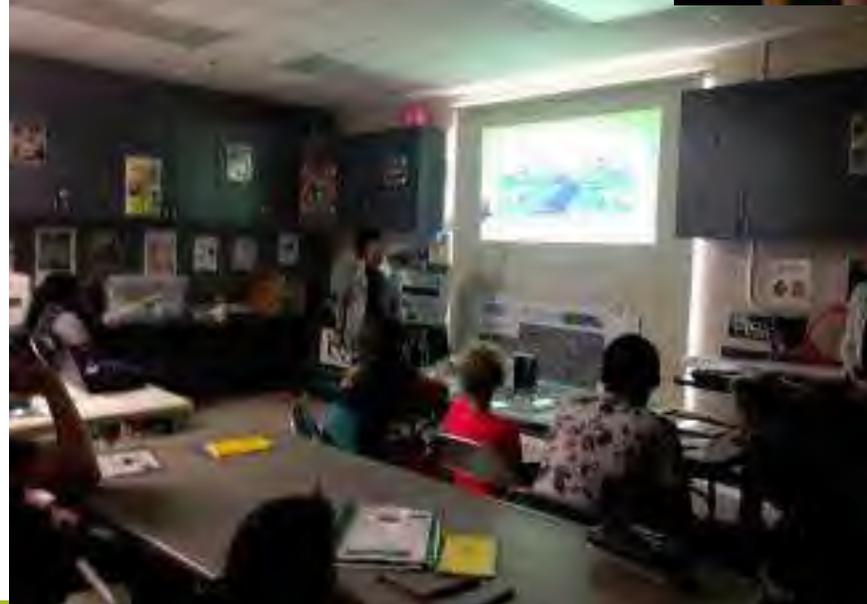
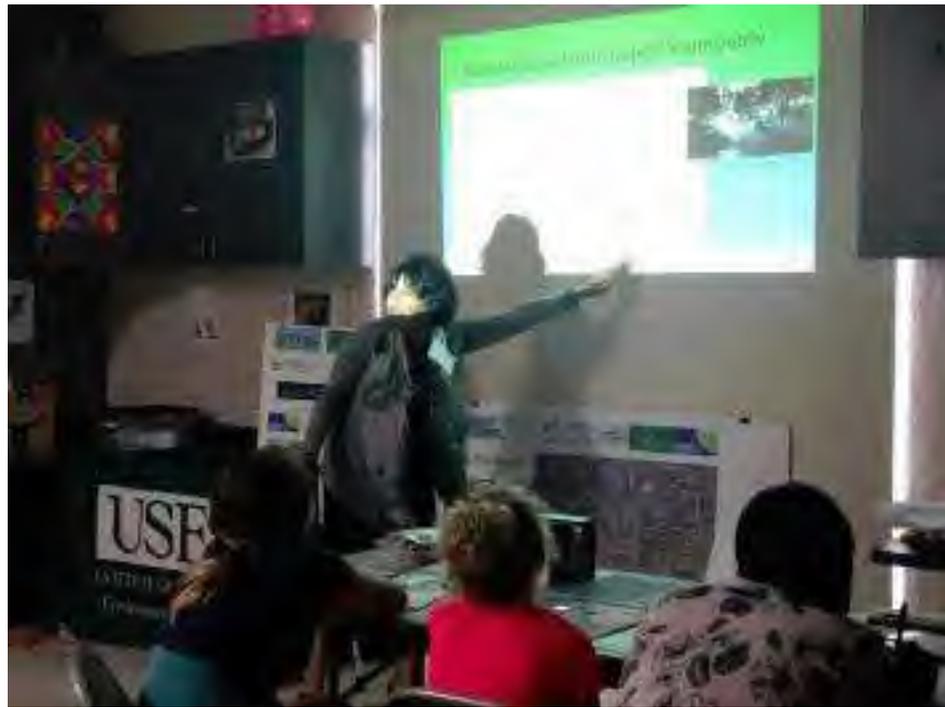
Photo: Crystal McClendon

SESSION 1: INTRODUCTION TO FLOOD & GIS

June 18, 2019



Lecture 1: June 18th







FIELD WORK

June 19 & 20, 2019



Stop 2, Site 1















Stop 4 Site 5?



Stop 2 Site #1?





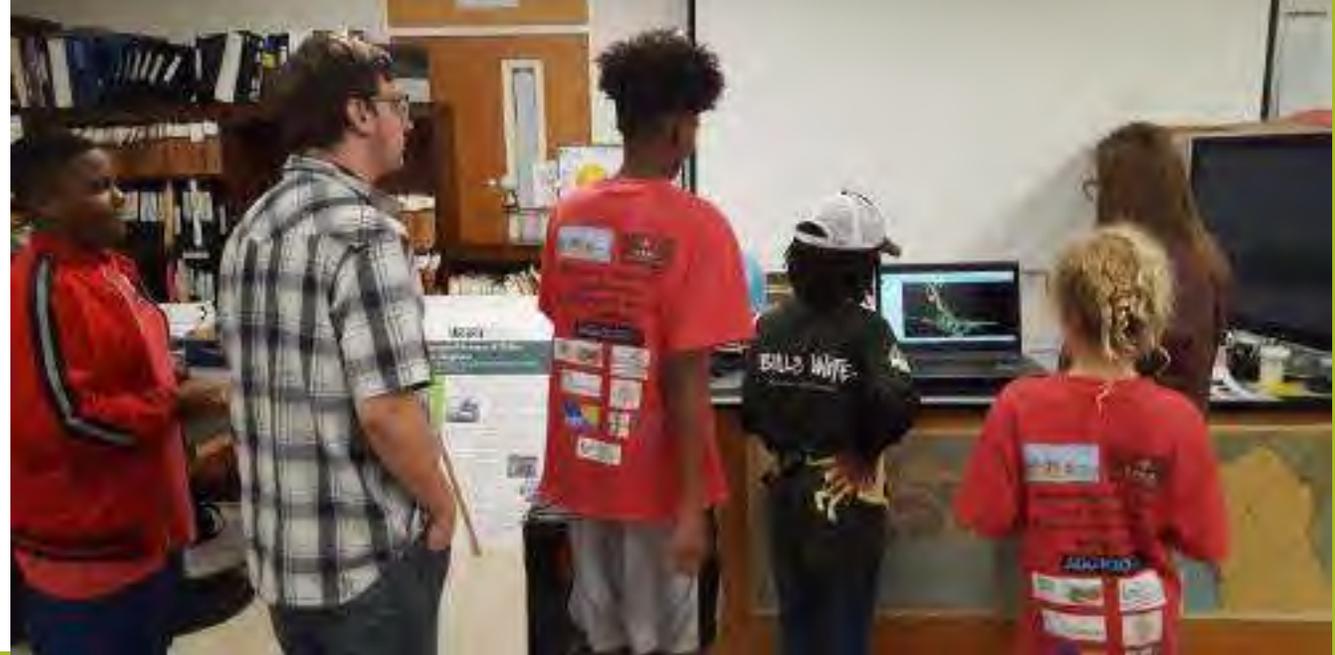
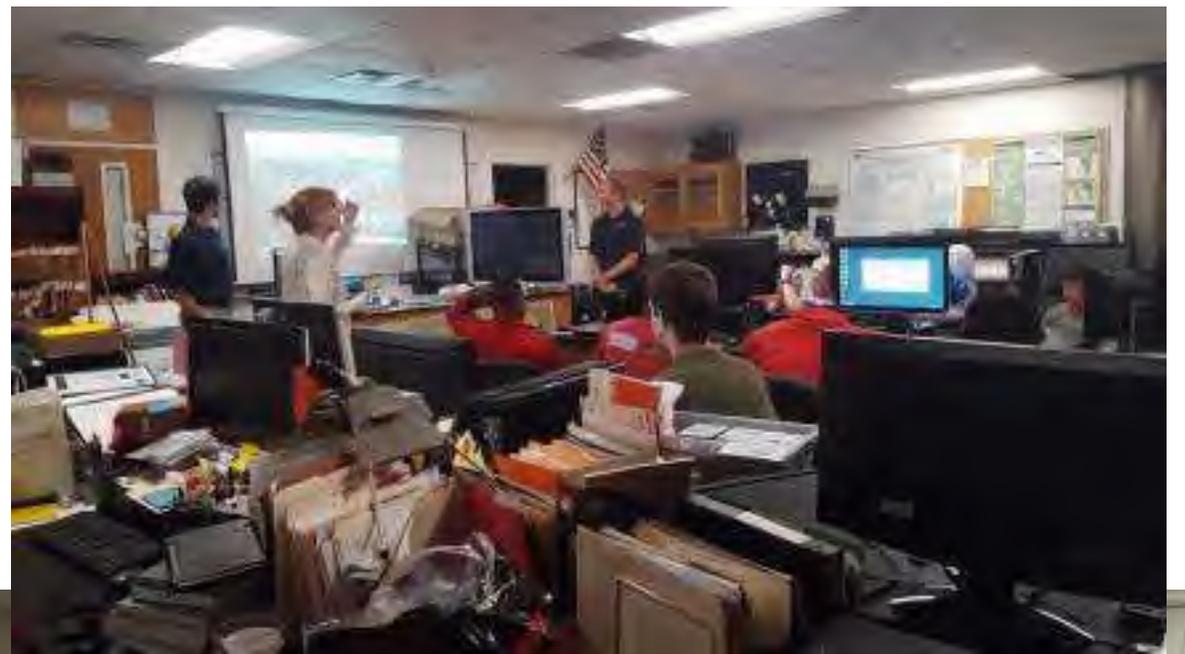
GIS LAB WORK & GUEST LECTURE

June 25, 2019



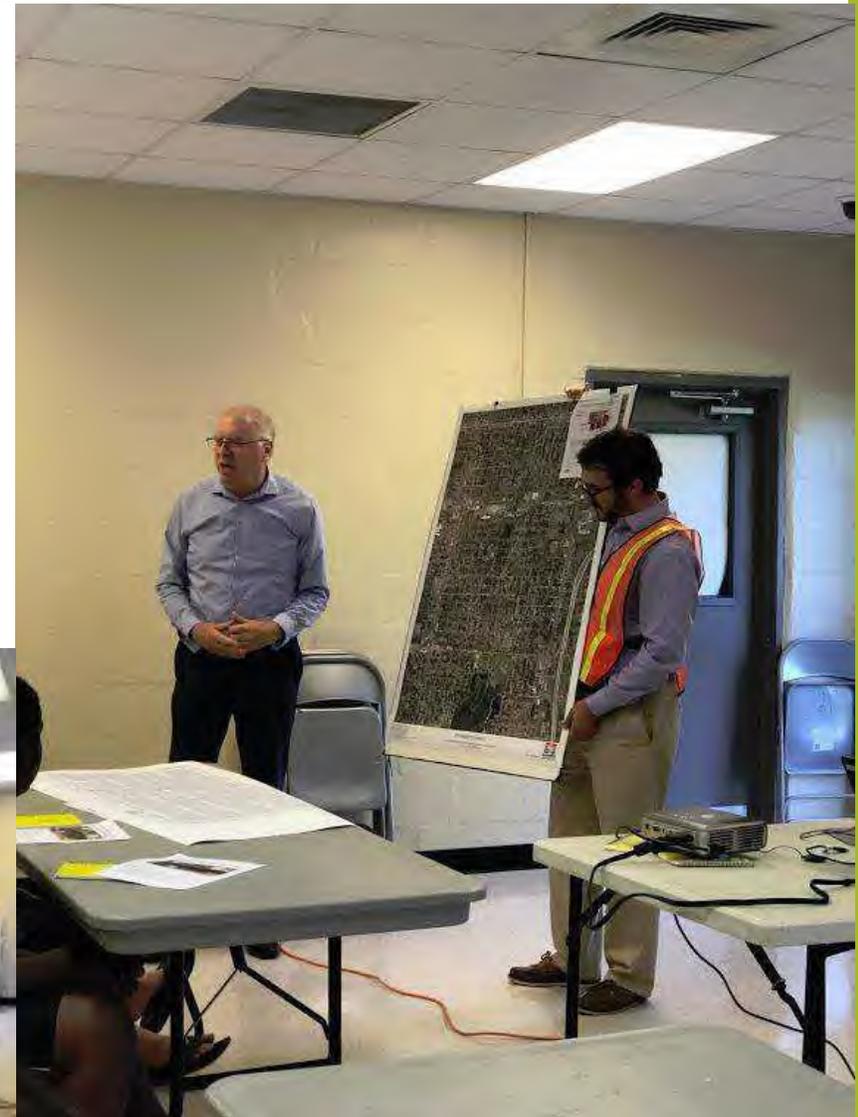
Guest Lecture: Learning from professionals at Quantum Spatial





GUEST LECTURE & DATA PRESENTATION

June 26, 2019



Guest Lecture: Learning from City Officials, Dept of Storm Water and Environmental Engineering



Guest Lecture: Learning from City Officials, Dept of Storm Water and Environmental Engineering



Guest Lecture: Learning from City Officials, Dept of Storm Water and Environmental Engineering



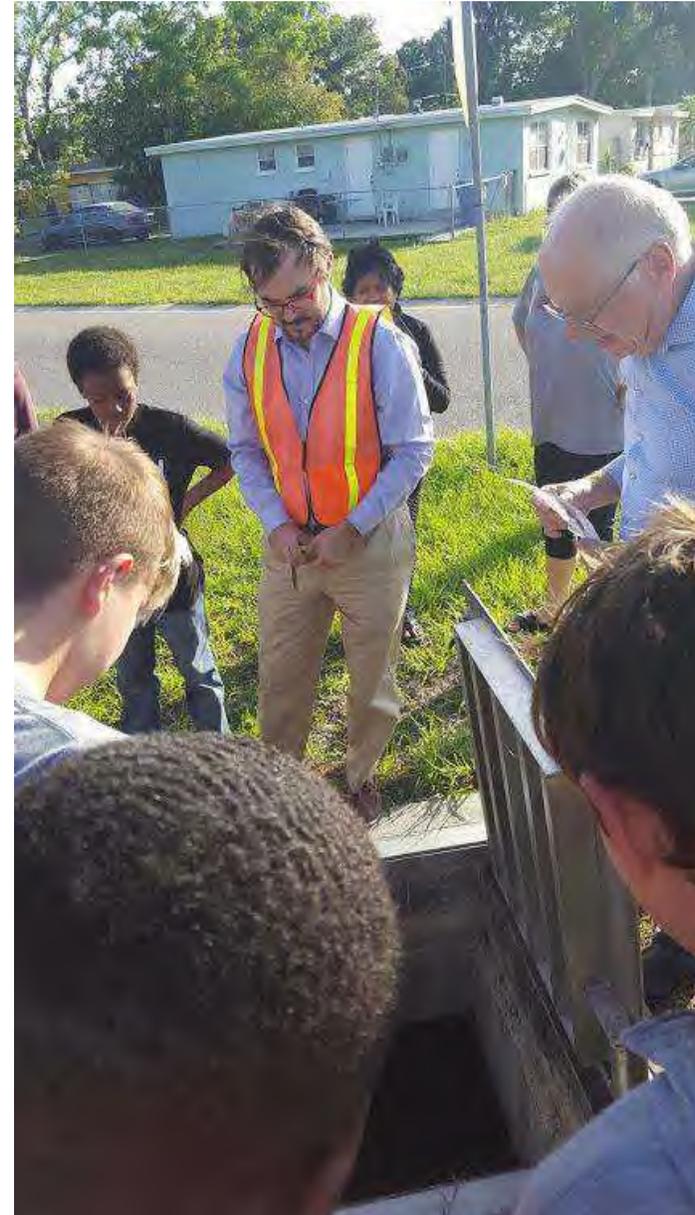
Site visit with City Officials, Dept of Storm Water and Environmental Engineering



Site visit with City Officials, Dept of Storm Water and Environmental Engineering



Site visit with City Officials, Dept of Storm Water and Environmental Engineering



Site visit with City Officials, Dept of Storm Water and Environmental Engineering



Getting ready to work on Posters









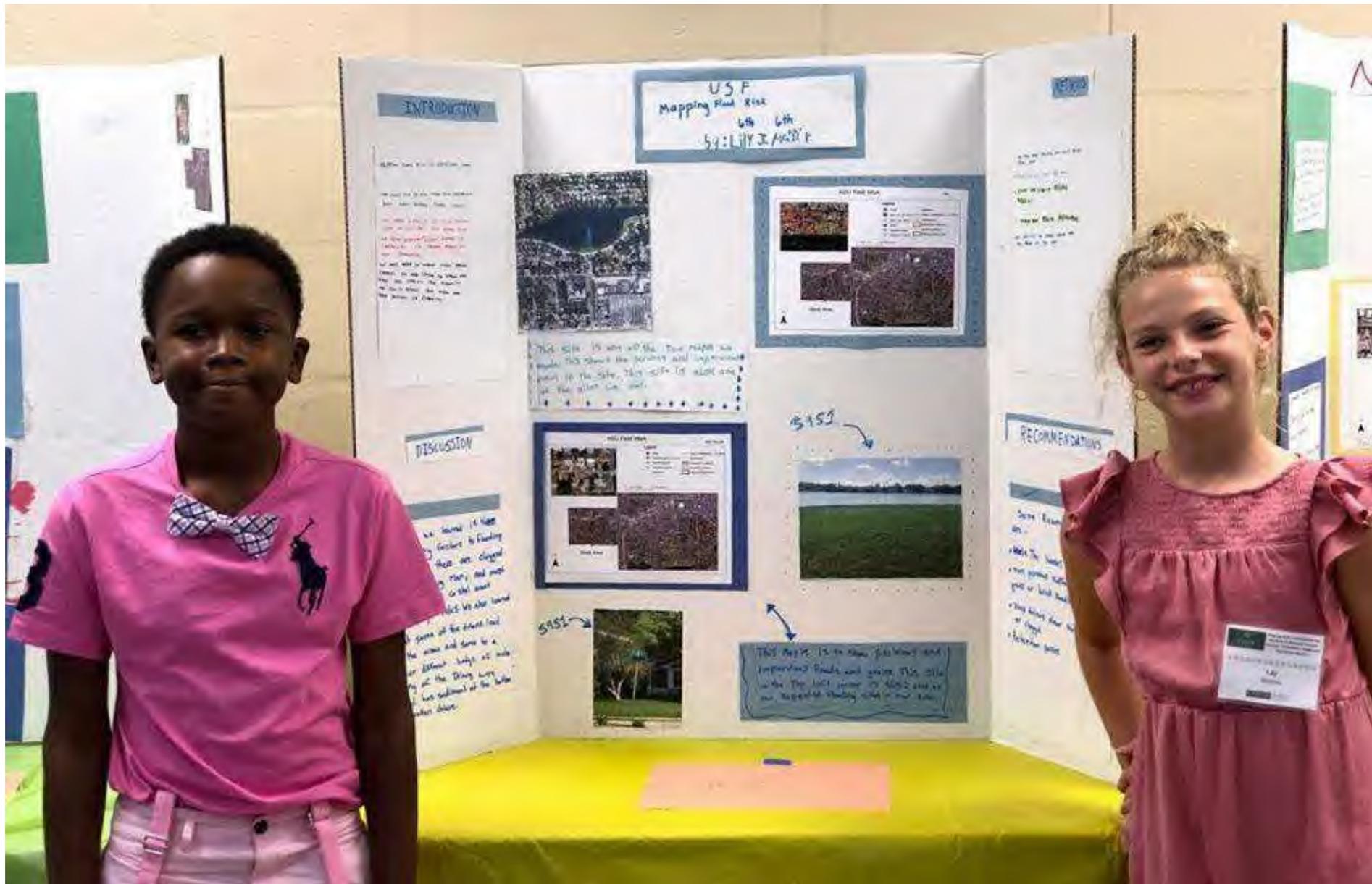
FINAL PRESENTATION & AWARD CEREMONY

July 12, 2019









Middle School Best Poster



High School Best Poster





Thank you speakers and judges

- **Ed Sherwood**, Executive Director, *Tampa Bay Estuary Program (TBEP)*
- **Mark Groom**, 3D Image Analyst, *Quantum Spatial*
- **Alexandria Hancock**,, *Sustainability Coordinator, Mayor's Office, City of St. Petersburg*
- **Carlos Frey**, Design Manager, Stormwater and Environmental Engineering and Capital Improvements, City of St. Petersburg
- **Rhonda Bowman**, Professional Engineer, Stormwater & Vegetative Division, City of St. Petersburg
- **Barbara Stalbird**, Natural and Cultural Areas Manager, City of St. Petersburg
- **Benjamin Smet**, Director, Open Partnership Education Network (OPEN)

Thank you!

- Thank you sponsors
- Thank you TAs
- Thank you volunteers
- Thank you officials

