

Outreach, Education & Scientific Presentations, 2018-2019

Professional Presentations

Recent Variability in Upper Ocean Characteristics of the Northeastern Caribbean Sea

W.D. Wilson, R.A. Watlington (OCOVI) and S. Glenn, T. Miles (Rutgers University)
Presented at 2018 American Geophysical Union Meeting, Washington, D.C.
December 2018



Glider Operations in the US Virgin Islands in 2018

W.D. Wilson, R.A. Watlington (OCOVI) and S. Glenn, T. Miles (Rutgers University)
Presented at the 8th EGO Meeting and International Glider Workshop, Rutgers U., May 2019



OS13D-1509 Recent Variability in Upper Ocean Characteristics of the Northeastern Caribbean Sea

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Introduction

Regional SST Climatology

Upper Ocean Heat Content

2018 Glider Deployments

Figure 1: Map of the Caribbean region showing the location of the study area.

Figure 2: Time series plot of SST anomalies.

Figure 3: Heat content anomaly plot.

Figure 4: Map of glider deployment tracks.

Figure 5: Cross-section plot of temperature and salinity.

Glider Operations in the US Virgin Islands in 2018

8th EGO Meeting and International Glider Workshop
21 May 2019 Rutgers University NJ USA

Doug Wilson, Roy Watlington, Travis Miles, Scott Glenn, Maria Aristizabal

CARICOOS - OCOVI Rutgers University

2007 2018

IOOS Integrated Ocean Observing System

OCOVI supporting CARICOOS In the Virgin Islands

Recent and Historic Oceanographic Conditions in and Around the Virgin Islands

W.D. Wilson

Presentation of long-term oceanographic data as well as results from oceanographic gliders and thermistor string deployments, special public meeting at the University of the Virgin Islands.
November 2018

Student Presentations



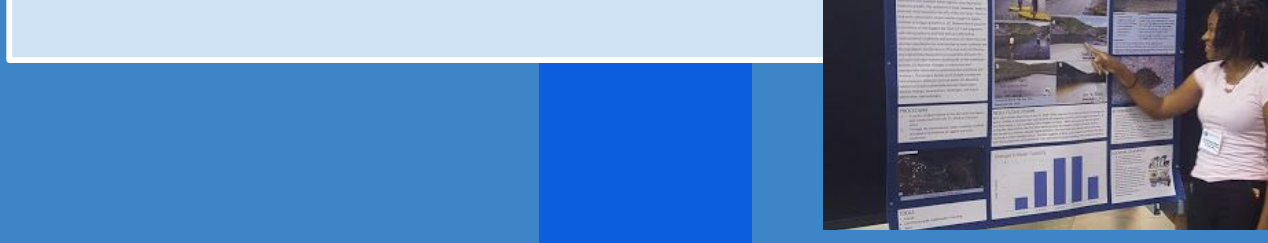
Submersible Remotely Operated Vehicle (SROV) Construction & Adaptation for Varying Marine Eco-Systems

K. Moses & E. Hatchette
Presented at ASLO 2019 Aquatic Sciences Meeting, H.S. Poster Session
February 2019



The Impact of Ragged Sea Hare Presence on Population Sizes of Fry and Sprat in a Mangrove Wetland Eco-System

K. Attidore-Meyers
Presented at ASLO 2019 Aquatic Sciences Meeting, H.S. Poster Session
February 2019



Comparing Fish Preference for Natural vs. Artificial Coral Reef by Species and Adult/Juvenile Status

M. Boumedine, A. Paul & A. Wallen
Presented at ASLO 2019 Aquatic Sciences Meeting, H.S. Poster Session,
February 2019



Submersible Remotely Operated Vehicle (SROV) Construction & Adaptation for Varying Marine Eco-Systems

Ka'Zeem A. Moses & Efrain Hatchette
Camp Umjoo Environmental Rangers SEERS (Science, Education, Exploration & Research) Program
St. Thomas, US Virgin Islands

ABSTRACT

PROCEDURE

POSSIBLE ADAPTATIONS

ELITEUR PROJECTS

REFERENCES

ACKNOWLEDGEMENTS

TESTING

TOOLS

The Impact of Ragged Sea Hare Presence on Population Sizes of Fry and Sprat in a Mangrove Wetland Eco-System

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ABSTRACT/INTRODUCTION

PROCEDURE

RESULTS/DISCUSSION

REFERENCES

ACKNOWLEDGEMENTS

TOOLS

Comparing Fish Preference for Natural vs. Artificial Coral Reef by Species and Adult/Juvenile Status

Mireille Boumedine, Ariel Paul & Anissa Wallen
Youth Ocean Explorers Summer Program, 2018

ABSTRACT

RESULTS

INTRODUCTION

HYPOTHESIS

CONCLUSION

ACKNOWLEDGEMENTS

REFERENCES

PROCEDURE/METHODOLOGY/TOOLS

TERMINOLOGY