

# NICOLE T. SEDRAN

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## PROFESSIONAL PROFILE

An enthusiastic marine conservationist with a passion for education, outreach, and fieldwork. A mission-driven individual that enjoys educating people of all ages on various marine biology topics while remaining dedicated to creating a safe and energetic learning space that encourages others to be active stewards of our natural resources.

## SKILLS

- Knowledgeable in designing, developing, and presenting engaging and effective educational materials and programs.
- Experienced in evaluating in-person and digital programs.
- Proficient in creating programming for formal and informal education
- Skillful in digital photography and graphic design.
- Superior knowledge of marine conservation, environmental issues, environmental outreach, and environmental interpretation.
- Adaptable to any circumstance and can address situations, tasks, or problems in innovative ways.
- Collaborates well with a variety of people/groups on projects.
- Comfortable with public speaking

## SOFTWARE & VISUAL DESIGN TOOLS

- Adobe Photoshop, Illustrator, and Premier Pro
- ArcGIS, Google MyMaps, and StoryMap
- Microsoft Word, Powerpoint, and Excel

## WORK EXPERIENCE

### Environmental Educator

NYS Office of Parks, Recreation & Historic Preservation | *Sep 2020 - Present*

- Designs and instructs small group environmental activities geared towards groups of all ages.
- Implemented virtual programming by creating and editing virtual content for synchronous and asynchronous programs.
- Curates educational display cases and slideshows for the nature centers lobby.
- Plans and markets programs while maintaining COVID-19 guidelines.
- Maintains social media pages and keeps content up to date and relevant.
- Assists in daily operations and maintenance of facilities.

### Environmental Conservation Board Member

Town of Carmel | *March 2021 - Present*

- Protect, preserve, properly maintain and require prudent use of the wetlands, bodies of water and watercourses and their associated wildlife within the Town of Carmel.
- Conduct field inspections of all sites where an application for a wetland permit has been submitted.
- Foster communication with the public by informing them on best management practices to improve understanding around environmental permitting and procedures.

### Programs Intern

Miami Waterkeeper | *May 2019 - Dec 2019*

- Assisted in event planning, preparation, and the execution of programs.
- Created an education and outreach campaign for a model fertilizer ordinance in South Florida.
- Evaluated the fertilizer education & outreach campaign and programs to see if there were short-term changes in participant's behavior.
- Assisted in on-going water quality testing and assessments using the IDEXX method.

### Teaching Assistant (Graduate Level)

University of Miami | *Jan 2019 - May 2019*

- Planned, led, and supervised the Intro to Marine GIS class
- Provided in-class assistance, weekly out of class help, and one-on-one tutoring as needed
- Maintained course content and graded assignments

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## CERTIFICATIONS & TRAINING

- CPR/First Aid/AED Certified
- Motorboat Operator Certified
- PADI Rescue Diver & Oxygen Provider Certified
- FMSEA Aquatic Species Collection Certified

## HONORS & AWARDS

- Awarded the "Advanced Dive Training Grant" in 2020 by the Women Divers Hall of Fame.
- Recognized on the Siena College Deans List Fall 2014, Spring 2016, Fall 2017, & Spring 2018 for having 3.5-3.8 GPA.
- Received the Franciscan Scholarship from 2014-2018 by Siena College.

## VOLUNTEER EXPERIENCE

### MUVE Volunteer

Frost Science Museum | *Jan 2019 - June 2019*

- Assisted in planning and facilitating regularly scheduled Restoration Workdays
- Taught and assisted volunteers in the removal of invasive plant populations
- Taught and assisted volunteers in the planting of native plants to stabilize sediment and provide native habitat for wildlife
- Manned tables at various outreach events to inform the public about MUVE and its different conservation efforts

### Teaching Assistant

Austin Road Elementary School | *Sep 2010 - June 2014*

- Assisted first grade students with reading skills
- Helped students learn the articulation of letters and words
- Aided the teacher with organizing papers and classroom work for the students

## EDUCATION

### University of Miami • Miami, FL

M.P.S. Marine Conservation, *Dec 2019*

- 3.56/4.0 GPA
- Master thesis research project Fertilizer Ordinance Outreach and Education Campaign: Informing Stakeholders of the Impacts of Fertilizer Use on the Biscayne Bay Watershed

### Siena College • Loudonville, NY

B.A. Environmental Studies, *May 2018*

- Cum Laude 3.54/4.0

*January 2017 – May 2017*

- Study Abroad, The School for Field Studies, South Caicos, Turks and Caicos Islands
- Conducted directed research and assessed *Scaridae* as an indicator of the effectiveness of marine protected areas around South Caicos.

## RELEVANT COURSEWORK

- Environmental Interpretation
- Marine Conservation Outreach
- Marine Biology Conservation
- Tropical Marine Ecology
- Graphic Design and Photography