

JESSIE E. BLUVIAS

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Career interests: Geospatial analysis for coastal and marine management; sea turtle conservation and research; public outreach.

EDUCATION

MASTER OF ENVIRONMENTAL MANAGEMENT, May 2008

Nicholas School of the Environment and Earth Sciences
Duke University, Durham, NC

CERTIFICATE IN GEOSPATIAL ANALYSIS, May 2008

Master's project: Marine turtle response procedures: a husbandry guide.

Independent project: Loggerhead sea turtle interactions with Japanese currents.

Coursework: Coastal and marine GIS; ocean and coastal law and policy; marine ecology; professional writing; sea turtle biology, ecology, and policy.

Professional activities: Surfrider Foundation, The Coastal Society.

BACHELOR OF SCIENCE, May 2005

Cook College, Rutgers University, New Brunswick, NJ

Major: Ecology and natural resources. Major GPA 3.8 of 4.0.

Coursework: Vertebrate and invertebrate zoology; conservation and field ecology; scientific and technical writing.

Honors: Dean's List, junior and senior year.

PROFESSIONAL EXPERIENCE

Independent Research on Sea Turtle Husbandry for Rehabilitation;

Mote Marine Lab (FL), South Carolina Aquarium, Virginia Aquarium and Marine Science Center.

Developed a first-ever husbandry guide of best practices for lay and professional rehabilitators. Acquired proficiency in life support systems, appropriate water quality testing, sanitization, handling debilitated sea turtles for medical procedures, proper nutrition, and administering oral medications and vitamins. Thoroughly documented observations with photographs. Anticipate guide to be distributed and published in 2008 by The Wider Caribbean Sea Turtle Conservation Network (WIDECAST) in English, Spanish, and French. Summer 2007

Public Outreach and Education/Trainer, Manasquan Reservoir Environmental Center, Howell, NJ

Utilized scientific education to connect adult, school, camp, and scout programs to local environmental issues such as conservation, pollution, and endangered species. Assisted in proper wildlife identification. Used knowledge and training as stepping-stone for graduate studies. 2003-2006

OTHER EXPERIENCE

Annual Symposia on Sea Turtle Biology and Conservation

Volunteer, Myrtle Beach, SC, February 2007

Poster Presenter, Loreto, Baja California, Mexico, January 2008

Research Assistant/Data Analyst, WIDECAST, Morehead City, NC, 2007-2008

Biological Sciences Library Assistant, Duke University, 2006-2007

Veterinary Receptionist/Trainer, Pt. Pleasant Veterinary Hospital, Pt. Pleasant, NJ, 2001-2006

ADDITIONAL INFORMATION

Quick learner, attention to detail, good time management, and team leadership.

Excellent written and verbal communication proficiency developed through research and presentations.

Extensive experience with Access, Excel, Microsoft Word, PowerPoint, ArcGIS 9.2.

Familiarity with bird and tree identification.

Photography enthusiast.