

## **BRYAN M. THOM**

### **GIS Specialist**

Mr. Thom is a Geographic Information Systems (GIS) Specialist. Before the ink was dry on Mr. Thom's college diploma, he was hired by Research Planning, Inc. (RPI) to deploy to Incident Command Post (ICP) Houma in Louisiana to provide GIS/database support for the Mississippi Canyon 252 (better known as the DEEPWATER HORIZON) oil spill for the Shoreline Cleanup Assessment Technique (SCAT) teams. Since May 2010, for 2 weeks a month Mr. Thom has been part of the data team contracted by the National Oceanic and Atmospheric Administration (NOAA) responsible for all of the SCAT data for Louisiana.

In January 2011, Mr. Thom was also brought onto a project providing GIS support for the South Atlantic Literature Synthesis for the Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE).

Before joining the RPI team, Mr. Thom has held many exciting jobs. Since August 2005, he has been a member of the US Coast Guard Select Reserve, currently holding the rank of Petty Officer 3<sup>rd</sup> Class. In the summer of 2009, Mr. Thom was a member of the National Park Service Student Temporary Employee Program (STEP) as a GIS Technician at Assateague National Seashore in Maryland. In the winter of 2010, Mr. Thom was contracted from the Eastern Shore Regional GIS Cooperative (ESRGC) to do an impervious surface analysis for Caroline County, MD. Mr. Thom also held several jobs in the Salisbury University Department of Geography and Geosciences (SU DoGG), including tutoring, being a laboratory assistant for various professors and providing assistance in research that was being done that led to him being awarded an Outstanding Performance to the Department award by the SU DoGG.

### **EDUCATION:**

**Bachelor of Science**, May 2010

Salisbury University, Salisbury, MD

*Major:* Geography. *Concentrations:* Earth and Atmospheric Geography, Geographic Information Science.

*Awards and Honors:* Dean's List – Fall 2008, Spring 2010. Presidential Citizen Scholar Program – 2009-2010 academic year. Geographic Society Award – Spring 2010.

Outstanding Service to the Department – Spring 2010.

**Associate in Arts**, May 2008

Harford Community College, Bel Air, MD.

*Major:* General Studies. *Concentrations:* Science and Math.

### **PROFESSIONAL EXPERIENCE:**

**Research Planning, Inc.**, May 2010 – Present

Columbia, SC

GIS Specialist

*Current Projects:*

1. DEEPWATER HORIZON, NOAA; SCAT GIS/data support
2. South Atlantic Literature Synthesis, BOEMRE.; GIS support.

**Caroline County Department of Planning, Codes, and Engineering**, Jan 2010-Feb 2010

Denton, MD

#### GIS Intern

*Contracted to update data using aerial photograph overlays and perform an Impervious Surface Analysis for three sub-watersheds in Caroline County.*

#### **National Park Service, Jun 2009 – Aug 2009**

Berlin, MD

#### GIS Technician

*Student Temporary Employee Program (STEP). Created digital copies of historical aerial photographs. Updated and maintained aerial photo database. Created maps for maintenance crews and Maintenance Chief. Assisted in other park projects as needed.*

#### **Salisbury University Dept. of Geography and Geosciences, 2009-2010**

Salisbury, MD

#### Lab/Teaching Assistant

*Working with students in and out of class on labs and homework. This includes spending hours each week in the Geography Lab in the evening to help and tutor students, as well as assisting various professors during their in class lab component.*

#### **Eastern Shore Regional GIS Cooperative (ESRGC), 2008-2010**

Salisbury, MD

#### GIS Intern

*Contracted to work as a part-time intern on a project by project basis. Main duties include data collection and metadata creation.*

### **OTHER EXPERIENCE :**

#### **US Coast Guard Select Reserve, August 2005 - Present**

Boatswain's Mate (Petty Officer) 3rd Class

*Continual training to achieve and maintain a high level of readiness, enforcing safe maritime practices, training subordinates, and search and rescue operations.*

#### **Advance Polybag, Inc., Mar 2005 – Aug 2008**

Elkridge, MD

#### Shipping/Receiving Forklift Operator

*Operated a forklift, picked up parts for broken machinery, performed occasional clerical work, assisted with inventory control and updating MSDS workbook. Other duties performed as assigned.*

### **TRAINING:**

National Incident Management System (NIMS), Incident Command System (ICS)

IS-00100.a – ICS 100

IS-00200.a – ICS 200

IS-00300.a – ICS 300

IS-00700.a – ICS 700

### **SOFTWARE/SYSTEMS SKILLS:**

Windows XP

Windows Vista

Windows 7

ESRI ArcGIS 9.x

Manifold GIS  
PostGRES/PostGIS  
Microsoft Office Suite 2007  
Microsoft Access 2007  
Familiar with VBScript, SQL, and Python