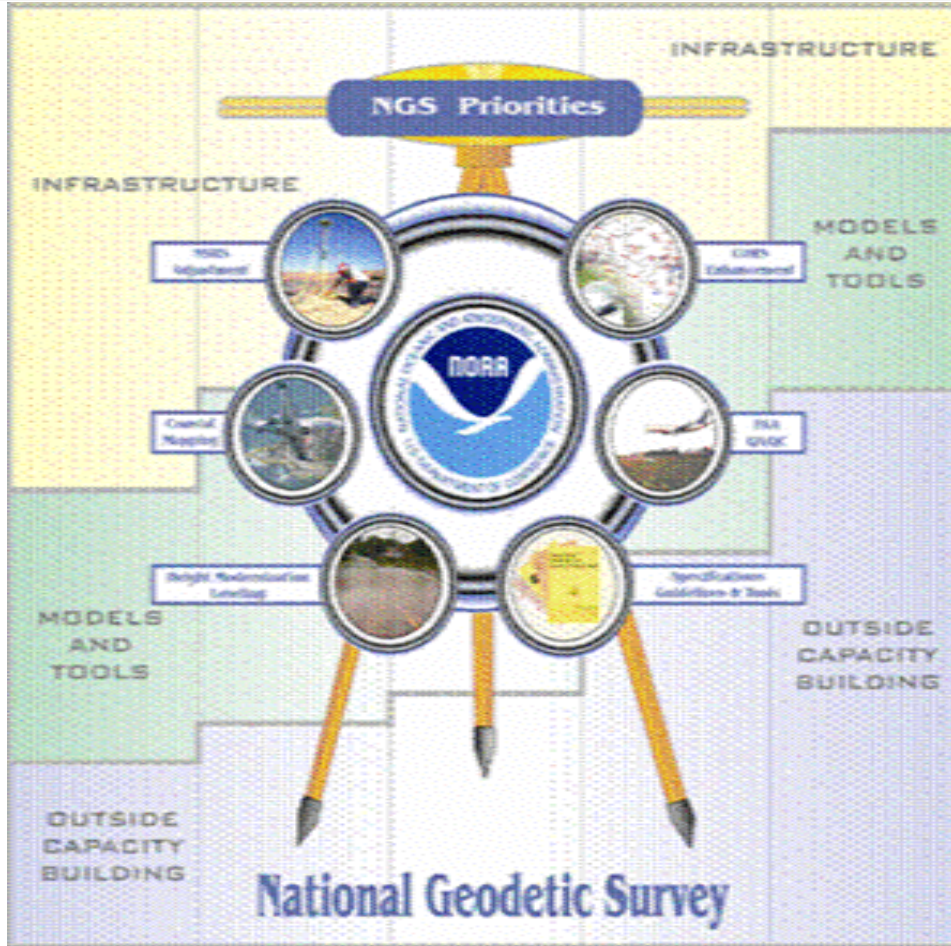


# Alabama Height Modernization Forum

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**Sponsored by  
Alabama Department of Revenue  
50 North Ripley Street  
Montgomery, AL 36130**

**April 5, 2005 Hoover Public Safety and Municipal Court Building  
8:00 a.m.-5:00 p.m.**

**April 6, 2005 Shelby County Community Room  
9:00 a.m.-11:00 a.m.**

**April 6, 2005 Ballantrae Golf Course  
1:00 p.m.**

**Limited seating please RSVP by March 30, 2005**

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## Registration

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There is no Registration Fee for this Forum. But due to limited seating please RSVP by March 30, 2005.

**Name:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

**Attending** (CHECK APPLICABLE):

**April 5th** \_\_\_\_\_

**April 6th** \_\_\_\_\_

To RSVP For Forum Please

Katrina M. Faison

334.242.6647

faisonk@dot.state.al.us

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## Golf Registration

**JOIN US AT THE  
BALLANTRAE GOLF COURSE  
1300 Ballantrae Club Drive**

**Pelham, AL**

**WEDNESDAY, APRIL 6<sup>TH</sup>**

**TOURNAMENT BEGINS AT 1:00PM**

**\$20.00 per player payable day of game**

**\*Box lunches available for \$6.00 beginning at noon.**

**Grill will be open as well.**

**RETURN BY MARCH 30<sup>TH</sup> BY FAX TO:**

**G-SQUARED**

**Photogrammetrist**

**Lindsey Galyen**

**logalyen@gsqmap.com**

**Fax: 931-438-1415**

Name:

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Handicap or Average Score:

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\*Please note that teams will be selected by handicaps.

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## Keynote

### Dr. Gary Jeffress, R.P.L.S.



Dr. Gary A. Jeffress, RPLS, Ph.D. Professor of Geographic Information Science  
Office: ST 211  
Phone: (361) 825 - 2720  
E-Mail: [jeffress@falcon.tamucc.edu](mailto:jeffress@falcon.tamucc.edu)

- Ph.D. (Surveying Engineering) with minor in Economics. Department of Surveying Engineering, University of Maine
- Master of Surveying Science, School of Surveying, University of New South Wales, Australia.
- Bachelor of Surveying, School of Surveying, University of New South Wales, Australia.
- Hurlstone Agricultural High School, Glenfield, New South Wales, Australia.

Dr. Jeffress has held teaching positions in Australia and the United States, as well as having taught short courses in Haiti. Dr. Jeffress continues in the collection and analysis of geographic data and information that will result in sound environmental and economically viable land management and development.

[View Dr. Jeffress Curriculum Vitae](#)

[GISc](#)  
[Science and Technology](#)  
[Computing and Mathematical Sciences](#)  
[Conrad Blucher Institute for Surveying and Science](#)  
[Harte Research Institute](#)  
[GulfBase](#)  
[TCOON](#)

Contact: **Dr. Gary Jeffress, RPLS**  
Coordinator of Geographic Information Science  
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## Speakers

**Chris Johnson, GISP**  
**Vice President**  
**U.S. Space & Rocket Center**  
**Geospatial Training and Application Center (GTAC)**  
**One Tranquility Base**  
**Huntsville, AL 35805, USA**

Chris Johnson is Vice President of Geospatial Technologies at the U.S. Space & Rocket Center and is responsible for management and operations associated with GTAC and all Geospatial Technology programs. She also serves as Principal Investigator for USDA and NASA grant programs totaling more than \$850,000. Further, on a volunteer basis, she is a member of the Tennessee Valley Corridor Homeland Security Coalition, which works in partnership with various organizations and agencies coordinating Geospatial Technology efforts on both a state and federal level. The U.S. Department of Commerce recognizes the Tennessee Valley Corridor as the most outstanding economic development program in the nation.

Ms. Johnson has over 19 years of experience in systems design; systems development and testing; Geographic Information Systems (GIS) development; Relational database systems development; Network engineering; Global Positioning Systems (GPS) development, Remote Sensing (RS) and communications. She has served as a consultant to the Department of Defense, Department of the Army, Defense Intelligence Agency, Space and Missile Defense Command, NASA, USDA, EPA, and state and local agencies on issues related to system development and the use of GPS, GIS, Remote Sensing and communication systems. Further, Ms. Johnson is a member of the National Guard Bureau Counter Drug Technology Consortium.

**TOPIC:**

**Continuously Operating Reference Station (CORS) GPS Network  
and Precision Agriculture**

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## Speakers

### **Dr. James A. Elithorp**

Dr. James A. Elithorp earned a Ph.D in Geomatics Engineering from Purdue University in 1999, the Master of Science in Surveying Engineering from Purdue University in 1996, the Bachelor of Science in Surveying from the Oregon Institute of Technology in 1994, the Master of Public Administration from California State University, Sacramento in 1980, and the Bachelor of Arts in Government with a minor in Economics from Sacramento State College in 1970.

Dr. Elithorp enjoyed a professional career in budget management having served as a manager in the California State Civil Service. He became interested in the study of geomatics as the owner's representative on a \$27 million hydroelectric plant construction project in Eastern Oregon. He worked for the Alaska State Office of the Bureau of Land Management participating in the provision of cadastral surveys in the Alaskan bush. He worked for the Western Region of the Federal Highway Administration doing route surveys for highway construction. At Purdue University, Dr. Elithorp worked in the T<sup>2</sup> Technology Transfer Center providing technical training and assistance to Indiana highway, road and street departments. Dr. Elithorp taught geomatics courses at Purdue University for a year before accepting his current responsibilities as Geomatics Program Coordinator at Troy University.

### **Laura Algeo, P.E.**

Laura Algeo, P.E., of FEMA Region IV coordinates and conducts community assistance visits and workshops and provides support for their Cooperating Technical Partners (CTP) Program. This innovative program is dedicated to increasing local involvement, ownership and long-term maintenance of National Flood Insurance Program maps.

### **Darin J. Henkel**

Darin J. Henkel is a Wisconsin Registered Land Surveyor and the managing partner of Geodetic Specialist, LLC. Geodetic Specialists, LLC is a company that specializes in providing training and services to promote precise surveying technology through GPS and conventional leveling. Geodetic Specialists, LLC is also very active in the promotion and production of all aspects of the National Height Modernization Program. Mr. Henkel formally served as the Program Manager for the Wisconsin Height Modernization Program and was responsible for the coordination, computation, analysis, and publication of GPS and leveling data in support of Height Modernization. In addition, Mr. Henkel conducted research studies to improve the use of GPS Technology including the writing and maintaining of the Department's Standards and Specifications for GPS Surveying.

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## Directions

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### Hoover Public Safety and Municipal Court Building

2020 Valleydale Road

From I-65, take the CR-17 S/VALLEYDALE ROAD exit (EXIT 247)

Merge on to CR-17 S/VALLEYDALE ROAD towards HELENA/HOOVER

The Municipal Court Building will be approximately 1/2 to 1 mile on the right.

The entrance to the Courts is on the right side of the building.

Please use the building entrance on the left.

### Shelby County Service Buildings

1000 County Service Road

From I-65, take (EXIT 242) onto County Road 52

Turn onto County Road 35 at the traffic signal.

Turn right onto the first paved road, there will be a sign at the entrance.

As you come down the hill the Service Building will be to your left.

Ronnie Taylor will be speaking in the Community Room.

### Ballantrae Golf Course

1300 Ballantrae Club Drive

From I-65, take (EXIT 242) and turn east onto County Road 52.

Follow County Road 52 to the stop sign at County Road 11.

Turn right on County Road 11 and go 1.3 miles to the second Weatherly entrance.

Turn left on Weatherly Club Drive and continue straight ahead until this road turns into Ballantrae Parkway.

The golf course is located on Ballantrae Club Drive (take first right off of Ballantrae Parkway)

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## Hotel Accommodations

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There are several hotels located nearby.

### **In Town Suites Southpark**

1840 Southpark Drive, Birmingham, AL .21 miles away

205.988.9444

### **Oak Mountain Lodge Pelham**

1902 Montgomery Hwy S, Birmingham, AL .33 miles away

205.985.9117

### **La Quinta Inn**

120 Riverchase Pkwy. E, Hoover, AL .63 miles away

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## Contact Us

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Geomatics Program Coordinator  
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elithorp@trojan.troyst.edu

**Ronnie Taylor**

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