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Global Science & Technology Participates in Teaming to Win *Demos State-of-the-Art Weather Technology*

Lewis County, WV -- Global Science & Technology, Inc. participates in West Virginia's annual small business showcase event, Teaming to Win, to demonstrate the company's innovative weather systems.

"We are proud to take part in the Teaming to Win experience," said Global Science & Technology President Chieh-san Cheng. "We've come to know Teaming to Win as an advocate for using teaming as a way to develop winning solutions."

Teaming to Win is a 501(c)(6) non-profit organization that provides business support conferences, educational activities, promotional forums, networking resources, and workforce and business growth opportunities. The organization's charitable purpose is to advance and improve small business prospects in West Virginia, and to facilitate educational opportunities that promote higher business standards, methods, and practices. The conference dates for Teaming to Win are May 28 - 30, 2008, at Stonewall Resort in Lewis County, West Virginia. This successful event now enters its 19th year in support of businesses in West Virginia.

The weather technologies Global Science & Technology will demonstrate are DirectMet, WAFS/MetLab, and MODIS. All three systems receive images and analyze information from weather satellites.

The first system, DirectMet, is an affordable and powerful workstation that allows the user to capture, analyze, and display live satellite weather images. DirectMet is a complete direct read-out and analysis system for geostationary satellite imagery. All data capture, product generation, and data analysis functions can be performed on a single computer. Meteorologists, broadcasters, and educators worldwide use DirectMet ground systems daily.

"Our main discriminator is the Tropical Storm and Hurricane Analysis software in DirectMet," explained Global Science & Technology Weather Group Director Gene Shaffer.

The second, the World Area Forecast System (WAFS)/MetLab is more sophisticated, but equally impressive. "This workstation is used by National Weather Service at its forecasting offices and by over 20 other countries around the world," Shaffer said. "It combines worldwide observations, computer-generated charts, and computer model forecasts into one display for forecasting and aviation support." The system can also be configured to handle almost every other type of weather data and imagery, including satellite, Doppler radar, lightning, wind, and even Tsunami alerts.

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Along with the DirectMet and WAFS, Global Science & Technology will show its newest system called MODIS or Moderate Resolution Imaging Spectroradiometer. "We developed an end-to-end direct readout MODIS ground system that integrates a very high-quality polar tracking antenna and reception system supplied by Orbital Systems, Inc. with Global Science & Technology's processing and analysis software package," explained Shaffer.

Global Science & Technology will also be displaying two DVDs developed by the Scientific Visualization Studio (SVS) at Goddard Space Flight Center: "A Tour of the Cryosphere, the Earth's Frozen Assets" and "Multisensor Fire Observations."

The mission of the SVS is to facilitate scientific inquiry and outreach within NASA programs through visualization. To that end, the SVS works closely with scientists in the creation of visualization products, systems, and processes to promote a greater understanding of Earth and space science research activities at Goddard Space Flight Center and within the NASA research community. Global Science & Technology animators and scientists actively support Goddard's SVS.

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About Global Science & Technology

Global Science & Technology, Inc., a minority-owned small business, was founded in 1991 with a mission to partner with its business, Government, and community customers for success. Over a short period of time, the company built its foundation upon five core capabilities: Data Systems Management, Weather Products and Services, Visualization, Sensor Characterization, and Communications. The company grew successful partnerships in six locations around the United States: Greenbelt, Maryland; Fairmont, West Virginia; Huntsville, Alabama; Washington, DC; Boulder, Colorado; and Asheville, North Carolina. Its partners are NASA, NOAA, DoD, DOJ, and the State of West Virginia.

The company has directly supported the Army warfighter in the U.S. military tactical communications market using land and space systems. The company also provides direct support to NASA and NOAA science missions and related data systems, including sensor testing and characterization, scientific visualization. In addition, the company is a prime contractor on NOAA's Comprehensive Large Array-data Stewardship System (CLASS) project. CLASS is the world's largest weather-data archive.

Partnering for Success



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