

**Tuesday, August 17**

**Workshop A1 (8:00 – 10:00, Room 007B)**

**“Overview of SDSFIE Tools – Basic SDSFIE Workshop”**

**Instructor: Laurel Gorman**

This workshop will present an overview of the Basic SDSFIE tools including the Browser, FilterMaker, Access Builder, and SQL Generator.

**Workshop A2 (10:30 – 12:00, Room 007B)**

**“Explosives Safety Siting (ESS) Application”**

**Instructor: Frank (Skip) Johnson**

Explosives Safety Siting (ESS) supports the Department of Defense Explosives Safety Board (DDESB) mission to provide objective advice to the Secretary of Defense and Service Secretaries on matters concerning explosives safety and to prevent hazardous conditions to life and property on and off Department of Defense installations from the explosives and environmental effects of DoD titled munitions.

ESS automates the DoD and Service explosives safety standards in the context of the installation facilities management information system, which includes the installation facilities master plan. It also provides an administrative record that supports the installation's explosives safety program.

**Workshop A3/A4 (1:30 – 5:00, Room 007B, ½ hr break from 3:00 - 3:30)**

**“Facilitating Waterway Management with a Web-based Mapping System”**

**Instructor: Kevin Wilson**

The workshop will demonstrate two software products designed to facilitate port and waterway management. CARIS BEAMS and BEAMS Web offer such tools as notice to mariner (NTM) production, shoal reporting, survey scheduling, channel condition reports, dredging calculations, contouring and data visualization over the web. The workshop will cover how to use these various tools and how to publish all of this information on the web in order to provide better services to remote clients.

**Workshop B1/B2 (8:00 – 12:00, Room 007C, ½ hr break from 10:00 – 10:30)**

**“Long Range Real-Time Kinematic (RTK) DGPS Workshop”**

**Instructor: Jim Garster**

This workshop will focus on recent advances in Real-Time Kinematic (RTK) positioning that have led to extend the range of centimeter level positioning out beyond the 20-30 kilometer limitations from a single reference station of the past. Several systems are now providing centimeter accuracy for positioning in the 100-200 kilometer range. These systems will be discussed during this workshop.

**Workshop B3/B4 (1:30 – 5:00, Room 007C, ½ hr break from 3:00 - 3:30)**

**“Advanced Mapping Technologies”**

**Instructors: Dennis Morgan/Doug Zehr/Bob Kletzli/Quassim Abdullah**

This workshop will begin with a brief history of major mapping advancements. Then the instructor will cover project requirements that may necessitate use of new technologies. A panel of industry experts will address the following technologies: 1. Softcopy Aerotriangulation, 2. LIDAR (elevation data collection and classification), 3. Digital Camera & Technology Integration. Finally, the panel will address questions generated from the presentations.

**Workshop C1/C2 (8:00 – 12:00, Room 007D, ½ hr break from 10:00 – 10:30)**

**“NGS Bluebook Processing”**

**Instructors: NGS**

Synopsis has not been provided.

**Workshop C3 (1:30 – 3:00, Room 007D)**

**“Facility Management Standard (FMSFIE) – Fundamentals and Implementation”**

**Instructor: Bobby Carpenter**

Workshop will provide training in the organization, naming conventions, and implementation of the Facility Management Standard (FMSFIE) for facilities, infrastructure, and environment using relational database management system (RDMS) software. The primary purpose of the workshop is to provide instruction on the FMSFIE data model structure, naming conventions, and suite of basic FMSFIE software applications (i.e. Browser and Database Builder). The workshop includes demonstrations on use of the FMSFIE software tools, and implementation of the FMSFIE for facility management applications. Microsoft Access is the relational database used in the workshop.

## **Wednesday, August 18**

### **Workshop A2/A3 (1:30 – 5:00, Room 007B, ½ hr break from 3:00 - 3:30)**

#### **“GPS Height Modernization”**

**Instructor: Dave Zilkoski**

Synopsis has not been provided.

### **Workshop B2/B3 (1:30 – 5:00, Room 007C, ½ hr break from 3:00 - 3:30)**

#### **“Overview of Remote Sensing and Data Acquisition”**

**Instructors: Brian Tracy/Mary-Pat Santoro**

In this informative 3-1/2-hour workshop we explore an introduction to remote sensing and satellite image acquisition. The workshop will touch upon four broad topics: the remote sensing process; image examples from primary commercial satellite sensors, such as Landsat, SPOT, Ikonos, QuickBird, and Radarsat; applications to environmental/geospatial projects; and standard operating procedures for image acquisition within the USACE. Attendees will become familiar with some of the language and terminology of remote sensing. They will answer the questions: which satellite imagery should I use? How do I access satellite imagery and what to do with it? What are the costs? How beneficial (roi) is it to my regulatory, planning, environmental, or water management-related projects? The workshop will present a glimpse of current remote sensing technology, shed light on improving geospatial problem-solving with imagery, and provide informative tools to coordinate and facilitate remote sensing work with other geospatial analysts or contractors.

### **Workshop C1 (10:30 – 12:00, Room 007D)**

#### **“Implementing the SDSFIE Geodatabases”**

**Instructors: Nancy Towne/Allyson Windham**

The Spatial Data Standards (SDSFIE Release 2.31) “free” toolbox consists of tools to generate a SDSFIE geodatabase and migrate existing data into the geodatabase, either personal or multiuser. Several of these migrations have been accomplished. The SDSFIE Geodatabase tools are the Geodatabase Generator, Data Loader and Data Checker.

### **Workshop C2/C3 (1:30 – 5:00, Room 007D, ½ hr break from 3:00 - 3:30)**

#### **“A/E Contracting”**

**Instructor: Don Evick**

This workshop will discuss how geospatial services are procured by the Brooks A-E Act in the Federal Government. Topics will include:

- History of Brooks Act and its application to geospatial services
- Acquisition planning and contract types
- Small business considerations
- Public announcement and A-E selection
- Statement of work
- Proposal and Government estimate
- Negotiations and contract award
- Contract administration and management
- Performance evaluation

**Thursday, August 19**

**Workshop A2 (10:30 – 12:00, Room 007B)**

**“Implementing the SDSFIE Geodatabases”**

**Instructors: Nancy Towne/Allyson Windham**

Repeat of Workshop C1 from Wednesday, August 18