

**Summer School**  
**MEGUG Annual Meeting 2011**  
**Sunday River Bethel, ME June 24, 2011**

**8:00 – 8:45 Registration**

**8:45 – 9:00 Welcome (Ballroom 2)**

**9:00 – 11:30 Morning Workshops (and 15 minute break)**

**ESRI web-mapping presentation (Ballroom 2)**

by Sam Berg, ESRI

Moderator – Christine Manderson

Sam will present various web-mapping options from ESRI, designed to help users understand how to develop web-mapping applications. This is an introductory course, so people new to web development are welcome. Topics will cover ArcGIS Online, ArcGIS Server, and the Flex and Silverlight viewers.

**Overview of remote sensing and aerial photo products (Whittier, Room 7)**

by Matt Deal, Pictometry

Moderator – Steve Weed

Matthew will cover a wide variety of imagery products that users may find out in the GIS world, with an eye towards helping the user understand the subtle differences between them. Topics will cover digital and film imaging, true-color, color-infrared, oblique, satellite vs. airborne imagery, and spectral options in imagery including satellite data.

**Use of Census 2010 Products in GIS Environments (Simonds, Room 6)**

by Tia E. Costello, Partnership and Data Services Program, US Census Bureau

Moderator – Aimee Dubois

Session attendees will learn how to navigate the new American Factfinder, the US Census Bureau's new online data retrieval system. Tia will also explain formats available in the American Fact Finder and which ones GIS users will want to use and any known issues. The new American Factfinder contains 2010 Census data, and by this year's end, American Community Survey and Economic Census/Survey data will migrate to the new system.

**11:30 – 1:00 LUNCHEON (Ballroom 3)**

### **1:00 – 1:30 MEGUG Business Meeting (Ballroom 3)**

1. Call to Order
2. Treasurer's Report
3. Committee Reports
  - a. Sponsorship Committee – Chair, Aimee Dubois
    - i. Sustaining Membership
  - b. Program Committee – Vice Chair, Angela Brady
    - i. Upcoming Conferences
  - c. Publicity Committee – Secretary, Christine Manderson
    - i. Website
  - d. Membership Committee – Treasurer, Dave Hobbins
    - i. Contact Database
  - e. Scholarship Committee – Education Coordinator, Al Schaeffer
    - i. Grant Recipient Presentation - Viles Arboretum uses MEGUG Educator's Grant award to fund geocaching program
    - ii. Announcement of 2011 Scholarship Recipient
  - f. Nominating Committee – Chair, Aimee Dubois
    - i. At-Large Board Member Election Results
4. Adjournment

### **1:30 – 4:00 Afternoon Workshops (and 15 minute break)**

#### **What to do with lidar data (Ballroom 2)**

by Michael Shillenn of PhotoScience

Moderator – Aimee Dubois

Michael and his colleagues will demonstrate the various uses of lidar data - how to use DEMs and LAS files that are typically delivered. Users will learn about classifications of LAS files, what raw LAS files contain, full waveform vs. separate returns, and other concepts associated with lidar data. Different software packages will be shown, with discussions on their functionality so users can make decisions appropriately about using lidar data.

#### **Applied Geodesy (Whittier, Room 7)**

by Patrick Cunningham, Blue Marble Geographics

Moderator – Angela Brady

This training session is meant to familiarize users with the concepts of geodesy (coordinates, datums, ellipsoids) and the process of coordinate conversion with the Geographic Calculator. It is a good introduction for the new GIS user or refresher for the seasoned professional. The training will review the basic concepts of geodesy. Includes a discussion targeted at the beginner/intermediate geography student covering map coordinate systems, projections, ellipsoids, datums, and datum transformation models.

**Attendees will earn 0.2 CEUs for each workshop attended.**