Imaging and Geospatial Technologies – *Into the Future*
Sacramento, California ● March 19-23, 2012 ● Sacramento Convention Center
Errata Sheet

NGA Unclassified Sessions:

TS 8 - New Frontiers in GEOINT Analytics
Big Data Challenges – Harness the Data and Solve Those Challenges Using I.D.E.A.S TM, Charles Samuels, *The SI Organization, Inc.*
ALIRT LiDAR Wide-Area Mapping of Afghanistan, Steven Hall, *National Geospatial-Intelligence Agency*
Leveraging Photogrammetric Methodologies for LiDAR, Craig Rodarmel, *National Geospatial-Intelligence Agency*

TS 11 - Round Table Discussions: New Frontiers in GEOINT Analytics

TS 16 - Applications in GEOINT Analytics – Part 1
Linked Data Web Techniques for Intelligence Analysis, Michael Morgan, *BAE Systems*
GeoHome – Geospatial Intelligence at your Fingertips, 24/7 – Data, Apps and Users on the Move, Zohra Hemani, *Northrop Grumman*
A Novel Method for Adaptive Multiresolution Analysis based on Synchronization, Meyer Pesenson, *California Institute of Technology*

TS 25 - Applications in GEOINT Analytics – Part 2
Harvesting Named Geographic Features from Raster Maps, Craig Knoblock, *University of Southern California and Geosemble Technologies*

TS 40 - NGA Academic Partnerships
NGA Academic Research Program, Joan Vallancewhitacre, *National Geospatial-Intelligence Agency*
NGA 2012 Broad Agency Announcement, Dennis Walker, *National Geospatial-Intelligence Agency*
Visiting Scientist Program, Laura Locke, *Oak Ridge Institute for Science and Education*

TS 42 - Round Table Discussions: NGA Academic Partnerships
R&D Opportunities, Academic Research Grants and Visiting Scientists, Joan Vallancewhitacre & Dennis Walker, *National Geospatial-Intelligence Agency*

Posters:

Title Change – Poster Session III, Wednesday, March 21st
From: Investigating Available Woody Plant Biomass on Rangelands with Multispectral Remote Sensing
To: Analyzing the Multi-temporal Changes in the Forest Structural Parameters using Terrestrial Lidar Data, Shruthi Srinivasan, *Texas A&M University*

Cancellations:

Paper – TS 7 – Urban Applications #1
Cancelled Paper – Urban Growth Modeling using Fuzzy Logic, Ehsan Foroutan, *University of Tehran*

Session – TS 9 – Special Session: GIScience Staff Recruitment and Geospatial Competency

Paper - TS 74 - Evaluation of SMAP Soil Moisture Data Products for Cropland Soil Moisture Monitoring, Zhengwei Yang

Paper – TS 3 - Mapping Nonnative Herbaceous Cover in Shrubland Habitats: A Spectral-temporal Mixture Analysis Approach
Caitlin Lippitt, *San Diego State University*

Speaker/Moderator Changes:

Moderator Change – TS 3 – Invasive Species; New Moderator – Carol Ostergren, *USGS*

Speaker & Description - TS 4 – Geospatial Data and Imagery in the Cloud
The cloud is providing an increasingly central role for organizations that work with imagery and geospatial data. This session will cover the basics of what cloud computing is, including a review of the various cloud services and deployment models. A number of speakers will then speak about the role that the cloud plays in what their organizations do. A speaker from Google (Dr. David Thau) will discuss the Google Earth Engine, which provides access to both cloud-based image data and to cloud based image processing software. A speaker from Esri (Peter Becker) will discuss the growing role that cloud plays at Esri (ArcGIS Server on Amazon, Azure & private clouds), especially in terms of imagery. Other speakers will focus on Infrastructure as a Service (IAAS), which is changing the way that organizations manage, share, and distribute imagery and geospatial data. Lastly, the session will touch on topics such as cloud computing security and interoperability.
Panelists – Mark Tukman, *Tukman Geospatial LLC*; Peter Becker, Product Manager – Imagery, *ESRI*; David Thau, Ph.D, Engineer for Earth Engine, *Google*

Speaker - TS 27 – Education: Online GIS Graduate Programs
Steven R. Hick, *University of Denver* will replace Paul Sutton, *University of Denver* as a panelist

Speaker/Moderator Changes (cont'd):

Speaker - TS 39 - Digital Imagery Spactial Resolution and Radiometry: Metrics and Assessment
Robert Ryan*, Innovative Imaging & Research Corp.*

Commercial Sessions – Surface Mapping
The Difference between High Resolution and Highest Resolution Thermal Mapping, Aaron Schepers, *Jenoptik - IR*

New Papers:

New Paper – Commercial Sessions – Surface Mapping
SkySat-1: A New Entrant into the World of High-Resolution Satellite Imaging, Dirk Robinson, *Skybox Imaging, Inc*.

New Paper – TS 73 - Numerical Modeling of Grace and Ecco Data for Tsunami Hazard Zone Mapping
Nipun Porwal, *University of Petroleum & Energy Studies*, India; Co-author is Nisit Kishore

Awards Program:

Region the Year Award
2012 Recipients: First Place – The Western Great Lakes Region; First Honorable Mention – The Columbia River Region; Second Honorable Mention – The Rocky Mountain Region

Purpose: The Region of the Year Award was established in 1968 to recognize excellence at the regional level in providing service to the members and to the profession at large.

Donor: The ASPRS Foundation

User Group Meetings:

Cancelled – GeoDigital User Group Meeting , Monday, March 19th from 8:00 am until 12 noon

Committee Meetings – New Meetings:

Airborne Lidar Committee Meeting, Monday, March 19th 2:00 pm to 5:00 pm, Room 307

Mobile LiDAR Committee Meeting, Tuesday, March 20th 1:00 pm to 4:00 pm, Room 304

Cancelled – **New Board Orientation**, Monday, March 20th 4:00 pm to 5:00 pm

Division Public Forums – Wednesday, March 21st and Thursday, March 22nd - 11:00 am to 12:00 Noon
All attendees welcome. Come hear what the ASPRS Divisions are working on for the coming year

Region Newsletter of the Year Award
2012 Recipients: First Place – *Wavelengths,* Columbia River Region; Second Place – *The Rocky Mountain Compiler,* Rocky Mountain Region; Third Place (tie) – *The Photogram,* St. Louis Region and *The SW Region Newsletter*

Purpose: The Society first bestowed this award in 1980 to recognize excellence of the Region in providing service to the members and to the profession at large through publications of a newsletter.

Exhibitors:

EARTH Magazine   **Booth 118**
4220 King Street, Alexandria, VA   22302, 703-379-2480; www.agiweb.org

The American Geosciences Institute is a nonprofit federation of 50 geoscientific and professional associations that represents more than 250,000 geologists, geophysicists, and other earth scientists worldwide. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in our profession, plays a major role in strengthening geoscience education.

Geographic Resource Solutions   **Booth 228**
1125 16th Street, Suite 213, Arcata, CA 95521, 707 822 8005; Fax: 707 822 2864; http://www.grsgis.com

GRS is an industry leader in GIS and Remote Sensing services and consulting. GRS is internationally known for our innovative techniques that enable us to perform highly detailed and accurate classifications of land-cover, fire-fuels, vegetation, and habitat in projects ranging from hundreds to millions of acres. GRS has developed state-of-the-art algorithms and processes for image classification, fire-hazard modeling, data-entry, and GIS data validation.

NOAA/NOS/NGS/RSD   **Booth 517**
1315 East West Hwy SSMC3 Room 8211, Silver Spring, MD 20910, 301-713-2663, Fax: 301-713-4572; http://www.ngs.noaa.gov/RSD/rsd_home.shtml

The Remote Sensing Division of NOAA's National Geodetic Survey uses a variety of photogrammetry and remote sensing technologies to support the Aeronautical Survey Program (ASP), Coastal Mapping Program (CMP), and Emergency Response. The ASP collects data using field survey and photogrammetric methods to create runway approach procedures and airport obstruction charts. The CMP works to provide a regularly-updated National Shoreline for supporting marine navigation, defining territorial limits, and managing coastal resources. Emergency response efforts are carried out to provide timely, high-resolution remotely-sensed data following hurricanes, tornadoes, and other disasters. Research efforts in the Remote Sensing Division focus on new remote sensing tools and techniques to support NOAA programs.