

GEOMATICA

THE JOURNAL OF GEOSPATIAL INFORMATION SCIENCE, TECHNOLOGY AND PRACTICE /
LA REVUE DES SCIENCES DE L'INFORMATION GÉOSPATIALE, DE LA TECHNOLOGIE ET DE LA PRATIQUE

Costas Armenakis and Ahmed Shaker
Guest Editors / Rédacteurs invités

FEATURES / ARTICLES DE FOND

- 91/92** Advanced Geomatics for Global Studies / Géomatique de pointe pour les études globales
Costas Armenakis, Ahmed Shaker
- 95** Using Distributed Map Overlay and Layer Opacity for Visual Multi-Criteria Analysis
Michael Markieta, Claus Rinner
- 107** Determination of Periodic Variations in Sub-Daily GPS Positions of Volcanic Areas
Gözde Akay, Peter Dare, Richard B. Langley
- 129** An Efficient Approach to Load Balancing of Vector Maps in CyberGIS Cluster Environment
Mingqiang Guo, Ying Huang, Zhong Xie

ANNOUNCEMENTS / ANNONCES

- 87** Joint International Conference ISPRS and IGU / GéoCongrès 2014 / Geomatics Atlantic 2014 Conference
- 88** Call for Papers: Cartography in Canada 2011-2015
- 89** Programme de certification de l'ACSG
- 90** CIG Certification Program
- 137** GeoAlberta 2014 Conference
- 142** Ontario Professor Launches Canada's Biggest Architectural Festival / CNW Group Ltd.
- 146** *Geomatica* 68(3): UAS for Geomatics, Final Papers Due
- 149** *Geomatica* Subscriptions
- 152** CIG Annual General Meeting / Assemblée générale annuelle de l'ACSG
- 156** *Geomatica* Advertising Rates 2014
- 157** Compete for the Future Join CIG
- 158** Prévoyez l'avenir devenez membre de l'ACSG



Grand Lake Meadows project boundary. (See / voir page 120)

ARTICLES / ARTICLES

- 119** Grand Lake Meadows Historical Mapping
Heather McGrath, Emmanuel Stefanakis
- 135** Hans Klinkenberg Awards

DEPARTMENTS / CHRONIQUES

- 89/90** President's Report / Rapport du président
Steeve Guillemette
- 93** From the Editor / Note du rédacteur en chef
Izaak de Rijcke
- 94** Instructions to Authors / Directives aux auteurs
- 106** Instructions to Authors: Final Manuscripts
- 118** Directives aux auteurs : manuscrits définitifs
- 136** Geomatics and the Law: *Lost Highways Revisited*
Jeffrey P. Talbot
- 138** Book Reviews
Gerald McGrath
- 143/147** Industry News / New Products
Amy Barker / Roger Shreenan
- 150** CIG Sustaining Members / New Sustaining Members / Membership
- 153/154** Association of Canada Lands Surveyors / Association des arpenteurs des terres du Canada
- 155** Calendar of Events / Calendrier des événements