

GEOMATICA

FEATURES / ARTICLES DE FOND DEPARTMENTS / CHRONIQUES

- 235** Foreword, Guest Editor /
236 Avant-Propos, Rédacteur en chef invité
Ronald Pelot
- 239** Introductory Note from GEOIDE /
240 Note d'introduction concernant GEOIDE
Nicholas Chrisman
- 241** Toward an Improved Orthometric Height System for Canada
**Robert Kingdon, Petr Vaníček, Marcelo Santos
 Artu Ellmann and Robert Tenzar**
- 251** Spatial Modeling and Analysis of Adjusted Residuals Over
 a Network of GPS-Levelling Benchmarks
G. Fotopoulos and M.G. Sideris
- 263** Extraction of Road Networks Using Pan-Sharpened
 Multispectral and Panchromatic Quickbird Images
Ruisheng Wang, Yong Hu and Xinmei Zhang
- 275** Automatic Change Detection and Updating of Topographic
 Databases by Using Satellite Imagery: A level Set Approach
Mohand Saïd Allili and Djemel Ziou
- 283** Accurate INS/DGPS Positioning Using INS Data De-Noising
 and Autoregressive (AR) Modeling of Inertial Sensor Errors
Sameh Nassar
- 295** Introduction du concept de patrons géométriques et
 applicaton aux bâtiments afin de faciliter leur
 généralisation cartographique à la volée
M.N. Sabo, A. Cardenas, Y. Bédard et E. Bernier
- 313** Geo-Mass: Modeling Massive Terrain in Real-Time
Russel A. Apu and Marina L. Gavrilova
- 323** Reserve Network Design Combining Spatial Graph Theory
 and Species' Spatial Requirements
**Patrick James, Bronwyn Rayfield, Andrew Fall
 Marie-Josée Fortin, and Geneviève Farley**
- 335** Spatial Multi-State Models with Application to
 Revascularization Intervention in Quebec
F. Nathoo and C.B. Dean

- 233/234** President's Report / Rapport du président
Terry Tarle
- 250** Directives aux auteurs / Instructions to Authors
312 Directives aux auteurs pour leurs manuscrits revus
334 Instructions to Authors Final Manuscripts
344 Letter to the Editor
345/346 Executive Directors Perspective / Directeur Exécutif
Jean Thie
- 347** Geomatics and the Law: Fence as Boundary Evidence
Alec McEwen
- 350** Book Reviews
Gerald McGrath
- 355/358** Industry News / New Products
Robin Becker
- 362** Field Notes & Office Memos
William R. (Bill) Brookes
- 365** Fifty Years Ago
Harold E. Jones
- 367** Association of Canada Lands Surveyors /
368 Association des arpenteurs des terres du Canada
369 Sustaining Members and Membership
378 Calendar of Events / Calendrier des événements

ARTICLES / ARTICLES

- 371** Geomatics Canada Scholarship Award Winners and the
 Hans Klinkenberg Memorial Scholarship Winners
380 Rapport annuel du président de l'ACSG /
382 CIG President's Annual Report
384 CIG Executive and New Councillors /
 Membres exécutifs et nouveau conseillers de l'ACSG
388 Awards 2004-2005

ANNOUNCEMENTS / ANNONCES

- 237** Citation of Recognition / Mention de reconnaissance
349 Consumer Protection
354 CIG Certification Program for Geomatics Specialists
354 UNB Students Earn National Paper Honours
361 First Asia-Pacific Conference for ESRI Users

Geomatics is a field of activities which, using a systemic approach, integrates all the means used to acquire and manage spatial data required as part of scientific, administrative, legal and technical operations involved in the process of the production and management of spatial information.

La géomatique est un champ d'activités qui intègre, selon une approche systémique, l'ensemble des moyens d'acquisition et de gestion des données à référence spatiale requis pour effectuer les opérations scientifiques, administratives, légales et techniques dans le cadre du processus de production et de gestion de l'information sur le territoire.