

# GEOMATICA

## FEATURES / ARTICLES DE FOND

- 11 Geomatics and the New Cyber-Infrastructure  
**J.A. Rod Blais and Harold Esche**
- 23 Potential of Cartosat-1 Images for Topographic Mapping  
**Costas Armenakis and Alexandre Beaulieu**
- 33 A Robust Biased Estimator for Exterior Orientation of Linear Array Pushbroom Satellite Imagery  
**Yan Zhang, Qing Xu, Jonathan Li and Tao Wang**

## ARTICLES / ARTICLES

- 45 Geomatics: A Key Component of Managing the Guarani Aquifer System  
**Luiz Amore, Michel Godard and Daniel Garcia**
- 50/51 Geomatics Standardization at a Glance / Coup d'oeil sur la normalisation en géomatique  
**Jean Brodeur and / et C. Douglas O'Brien**
- 52 How the *Chrissie C. Thomey* was Lost  
**David H. Gray**

## DEPARTMENTS / CHRONIQUES

- 8/9 President's Report / Rapport du président  
**Bob Parkinson**
- 10 The Weakest Link / Le lien le plus faible  
**Jean Thie**
- 54 Geomatics and the Law:  
The Usefulness of Case Law Reports  
**Izaak de Rijcke**
- 56 Book Reviews  
**Gerald McGrath**
- 60/65 Industry News / New Products  
**Robin Becker / Roger Shreenan**
- 68 The International Scene: ICA, FIG, ISPRS  
**James S. Simpson**
- 70 Field Notes & Office Memos  
**William R. (Bill) Brookes**
- 73 Fifty Years Ago  
**Harold E. Jones**
- 75 Association of Canada Lands Surveyors /  
76 Association des arpenteurs des terres du Canada  
77 Canadian Council of Land Surveyors /  
78 Conseil Canadien des Arpenteurs-Géomètres  
80 Calendar of Events / Calendrier des événements  
82 CIG Sustaining Members and Membership



**The *Chrissie C. Thomey* (see page 52).**

## ANNOUNCEMENTS / ANNONCES

- 49 13th FIG Symposium and 4th IAG Symposium  
64 CIG Certification Program  
69 Geospatial Technology Educators Conference  
74 CHA / ACLS Conference 2008  
79 The Canadian Hydrographic Association Award  
84 GEOTEC event 2008