



A crew, pilot and navigator, ready for an early start to flying acquisition for the laser-scanning survey of all Sweden, a nationwide project demanding hundreds of flying hours by Blom and COWI. Missions require intensive observations of weather opportunities, preparation and full readiness in order to exploit elusive suitable weather conditions. Read further on page 20.

GIM INTERNATIONAL

GIM International, the global magazine for geomatics, is published each month by Geomares Publishing. The magazine and related e-newsletter provide topical overviews and accurately presents the latest news in geomatics, all around the world. *GIM International* is orientated towards a professional and managerial readership, those leading decision making, and has a worldwide circulation.

PAID SUBSCRIPTIONS

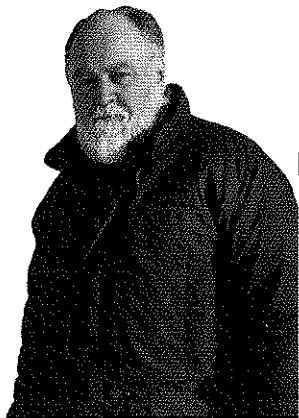
GIM International is available monthly on a subscription basis. The annual subscription rate for *GIM International* is €140 within the European Union, and €200 for non-European countries. Subscription can commence at any time, by arrangement via our website or by contacting Abonnementenland, a Dutch subscription administration company. Subscriptions are automatically renewed upon expiry, unless Abonnementenland receives written notification of cancellation at least 60 days before expiry date. Prices and conditions may be subject to change. For multi-year subscription rates or information on current paid subscriptions, contact Abonnementenland, Postbus 20, 1910 AA Uitgeest, Netherlands +31 (0)251-257926 (09.00-17.00 hrs, UTC +1) paidsubscription@geomares.nl.

ADVERTISEMENTS

Information about advertising and deadlines are available in the Media Planner. For more information please contact our account manager: victor.van.essen@geomares.nl.

EDITORIAL CONTRIBUTIONS

All material submitted to Geomares Publishing and relating to *GIM International* will be treated as unconditionally assigned for publication under copyright subject to the editor's unrestricted right to edit and offer editorial comment. Geomares Publishing assumes no responsibility for unsolicited material or for the accuracy of information thus received. Geomares Publishing assumes, in addition, no obligation to return material if not explicitly requested. Contributions must be sent for the attention of the editorial manager: wim.van.wegen@geomares.nl.



▶ INTERVIEW PAGE 14

Creative Thinker, Masterful Teacher

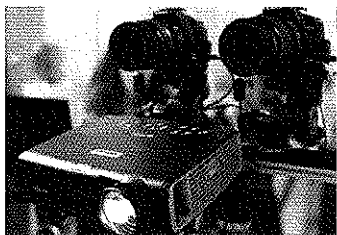
GIM International Interviews Professor Data Tomlin



▶ FEATURE PAGE 20

Swedish Lidar Project

New Nationwide Elevation Model



▶ FEATURE PAGE 25

Structured Light Scanners

Working Principles, Performance and Accuracy

NEWS FEATURE PAGE 18

▶ **Train or Plane**

High-speed Railway Networks

FEATURE PAGE 29

▶ **3D City Models**

Supporting Tool for Urban Planning and Design

PRODUCT OVERVIEW PAGE 33

▶ **Airborne Lidar Sensors**

Status and Developments

COMPANY'S VIEW PAGE 41

▶ **Pioneering Real-time Visualisation**

Eternix

NEWS & OPINION

PAGE

Insider's View	6
News	7
Book Review	9
Endpoint	11

INTERNATIONAL ORGANISATIONS

PAGE

FIG	49
GSDI	51
ICA	53
ISPRS	55

COLUMNS

PAGE

Editorial	3
GIMasters and Disasters	47

OTHERS

PAGE

Advertisers Index	48
Web Connect	52
Agenda	57