

The FIG Foundation: Building a Sustainable Future

A Report on Activities
Supported by Foundation Grants

John D. Hohol, President- FIG Foundation



XXIV FIG International Congress- Sydney, Australia April 2010

FIG

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung des Vermessungsingenieure

The FIG Foundation

Building a
Sustainable Future

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The FIG Foundation will...

Build a Sustainable Future by:

- Giving grants and scholarships to support curricula development and capacity building, especially in developing countries
- Promoting high standards of surveying education and facilitating CPD (Continuous Professional Development) activities
- Promoting virtual academies and the use of distance learning in surveying education
- Encouraging research activities and the dissemination of research results
- Promoting the exchange of young surveying personnel
- Supporting conferences and other events by seed funding in co-operation with international agencies such as the United Nations



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The FIG Foundation – what is it?

The FIG Foundation is an independent body under the International Federation of Surveyors.

- The Foundation has been established for the purpose of raising funds to finance surveying education development projects and supporting young surveyors in order to build a sustainable future.
- The Foundation aims to raise a fund of 1 million US Dollars in the coming years. This will allow activities to be funded by using the annual interest. Until then the Foundation may use 50 per cent of its annual income for supporting its aims.
- The Foundation funds shall not be used to support the normal activities of FIG.
- The Foundation is administered by the FIG Office in Copenhagen and directed by a Board of Directors appointed by the FIG Council.
- The Directors of the Foundation will announce every year the scholarships and grants available. The Directors will also announce the distribution of funds and promote the results of supported projects.



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History of the FIG Foundation

The FIG Education Foundation was established in 1996 as a public company under the Corporation Laws of Australia.

In 2000 the administration of the FIG Education Foundation was transferred to the FIG permanent office in Copenhagen. The General Assembly of FIG adopted the new Statutes for the FIG Foundation at its meeting in Seoul 11 May 2001. At the same time the original FIG Education Foundation was closed and the new FIG Foundation officially opened under the FIG umbrella.



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Objectives of FIG Foundation

The objects for which the Foundation is established are:

- i. To give grants and scholarships to projects, for instance to develop curricula for surveying education and capacity building, especially in developing countries;
- ii. To promote high standards of education and training for surveyors and to facilitate continuing professional development;
- iii. To educate people in the disciplines of surveying, particularly in developing countries and countries in transition;
- iv. To promote virtual academies and the use of distance learning in surveying education;
- v. To encourage research into all disciplines of surveying and to disseminate the results of that research;
- vi. To promote the exchange of surveying personnel for greater understanding of all facets of the profession of surveying;
- vii. To support by seed funding conferences and similar events in co-operation with international agencies such as the United Nations.



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FIG Grants- 2002

Rural Sustainability: Putting the "country"

back into UK town and planning

Contribution from Latin America
with FIG Cadastral Objectives

Refinement of Earth Gravity Field

Model from CHAMP Track

Distance Professional Updating in Remote
(Addressed to Professionals in Surveying)

Enhanced Teaching and
in Spatial Science

Rapid Mapping of Mineral
Soils, and Salts Stores
Using IRS – IC PAN Data
and Digital Elevation Models

Cadastral Boundaries in
Traditional Communities:
A Case Study of Botswana's
Tribal Areas

Contributions to Experts' Education in
Cadastral and Environment Engineering

Global Network for
Female Surveyors

White Collar Malpractices in
Cadastral Surveying and their
Effect on Secure Land Tenure
and Sustainable Development



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FIG Grants- 2003

Development of an actualization
course in order to prepare the
academic infrastructure in
Colombian universities for the
new technologies in the
surveying profession

**The European Challenge -
An Overview**

Survey orientation programme-
India

**Property formation modelling with
application of the Republic of Belarus**

Cadastral Development - the contribution of scientific enquiry

**International Geodetic Students Meetings-
Germany and Finland**



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FIG Grants- 2004

Managing Land Information for
Urban Governance in Botswana

**Capacity Building and Postgraduate Research
in Land Tenure and Cadastral Systems
in Southern Africa**

Increasing the Range of Services of the
Colombian Surveyors by Demonstrating
DISCUSS, a Decision Support System that
Uses Latest Surveying Technologies

**The Argentine Cadastre over the
Last Fifty Years and an Overview
of the Brazilian Cadastre**

International Geodetic Students Meeting
(IGSM)- Espoo, Finland



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FIG Grants- 2005

Education of NGOs in the coastal districts of
Tamilnadu on the surveying education after the tsunami

**Studying land subsidence of Bandung Basin
(Indonesia) using GPS survey technique**

**Promoting surveying education
in Colombia by awarding best
Colombian paper published
during the year**

Land disputes resolution and
restitution in post-conflict societies

**Promoting the understanding and value
of new developments in remote sensing
and global navigation satellite systems
for interdisciplinary professional groups
in a developing country**

**Identification of technical
deficiencies and human factors
in land disputes: In the context
of Nepalese cadastral surveying**

Growing a profession – a comparative study
of Southern African professional bodies

**International Geodetic Students Meeting (IGSM)-
Istanbul, Turkey**



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FIG Grants- 2006

Educating Voluntary Organizations
in Disciplines of Surveying in
Various Districts of Tamilnadu

**The Impact of HIV/AIDS on
Land Values and the Women's
Property Rights in the Context
of HIV/AIDS**

Institutional and Legal Aspects
in Land Disputes: the Context
of Nepalese Cadastral Surveying

**International Geodetic Students Meeting
(IGSM)- Cracow, Poland**

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FIG Grants- 2007

Student Perceptions of Professional
Surveying Bodies

**Cadastral Surveying For the People, By People:
Developing a Participatory Model for Cadastral
Resurveying in Nepal**

Low Cost Pro-Poor Land Management Techniques in
Developing Countries: A Case Study in Nepal and India

**A Special Foundation Grant was given to support young
Surveyors attendance to the Young Surveyors Workshop
in Cairo, Egypt**

International Geodetic Students Meeting
(IGSM)- Sofia, Bulgaria

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FIG Grants- 2008

International Geodetic Students Meeting
(IGSM)- Zurich, Switzerland



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FIG Grants- 2009

Development of a Cadastral Land Dispute
Classification System Using Geographical
Data Modelling

**The Cadastral System in Eritrea: Practice, Constraints
and Prospects (Peer reviewed paper author given
scholarship to attend FIG Working Week in Eilat)**

**GEOWARNS: A System to Warn Geo-Deformation
Failure (Peer reviewed paper author given scholarship
to attend FIG Working Week in Eilat)**

**International Geodetic Students Meeting (IGSM)
Zurich, Switzerland**



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FIG Foundation Grants 2002-2009 (in Euros)

2002	2003	2004	2005	2006	2007	2008	2009
12676	6484	6000	7000	6938	11171	500	5400

Total (2002-2009): 44 Grants / € 56 169

	<u>Applications</u>	<u>Grants</u>
2002	20	12
2003	15	8
2004	12	4
2005	14	7
2006	9	3
2007	12	5
2008	10	1
2009	15	4



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Distribution of FIG Foundation Grants 2002 - 2009



Argentina	Columbia	Kenya	Sri Lanka
Australia	Eritrea	Nepal	Sweden
Botswana	Finland	Netherlands	Switzerland
Bulgaria	Germany	Poland	Turkey
Canada	India	Romania	Ukraine
China	Indonesia	South Africa	United Kingdom
			Zambia



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Challenges

- Increased participation from developing countries
- Concise detailed information in written proposals
- Reasonable estimate of costs/success of proposed grant requests
- Timely status/completion of reports to Foundation
- Potential for cooperative work with others such as World Bank, UN-Habitat, FIG Corporate Members, etc.
- More interaction with students and young professionals



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The FIG Foundation – how can I contribute?

Companies, associations, institutions, events, surveyors' groups and individuals May contribute to the Foundation by:

- Donations which will be recognised by a plaque or a certificate of different categories reflecting the amount of donation. All contributions will also be recognised in the FIG Annual Review.
- Donations to support specific projects or by offering scholarships. Donors and Benefactors May use the FIG Foundation logo to promote their project donations or scholarships.
- Voluntary donation when registering to FIG events.
- Attending social functions such as the FIG Foundation dinners held during FIG Congresses and events.



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FIG Foundation Board of Directors 2009 – 2010

- John D Hohol (USA), President
- Professor Mike Barry (Canada), Director
- Iain Greenway (United Kingdom), Director
- Professor Béla Márkus (Hungary), Director
- Warwick Watkins (Australia), Director

John Neel (FIG Office), Secretary



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The FIG Foundation / The FIG Office
Kalvebod Brygge 31-33
DK-1780 Copenhagen V
DENMARK
e-mail: FIG@fig.net
Tel + 45 3886 1081
Fax + 45 3886 0252

www.fig.net/figfoundation

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