



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



ITC Update - Issue 2010-01 Online Newsletter for the ITC Alumni Community

Martien Molenaar Receives Royal Decoration



Former ITC rector Professor Martien Molenaar was decorated with Royal Honours as Officer in the Order of Orange - Nassau (Officier in de Orde van Oranje-Nassau). The decoration was awarded by the Mayor of Enschede, Peter den Oudsten, during the 59th Dies Natalis of ITC on 17 December 2009.

[Read more](#)

ITC News Online

The latest issue of the ITC News magazine (2009-3) is available on the ITC website. Main features of this issue are: Opening Academic Year, Changing of the guard, GEONETcast, Tiger II project.

<http://www.itc.nl/Pub/alumni/ITC-News-magazine/Online-magazines.html>



Outstanding Achievement Award for Prof Bob Su

Professor Bob Su received an Outstanding Achievement Award for excellent contribution to the CAS International Partnership Programme "The Basic Research for Water Issues of Inland River Basin in Arid Region." from the Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences (CAS), 2009.

[Read more](#)

GEO-Net-Cab Project Meetings at ITC

Kick-off meeting of the EU FP7 GEO-Net-Cab project

The purpose of the GEO Network for Capacity Building (GEO-Net-CaB) project is to create the conditions for the improvement and increase of the GEO capacity building activities and framework, with special emphasis on developing countries, new EU member states (and EU neighbouring states) and climate monitoring and will serve the bigger goal of improved effectiveness and efficiency of GEO capacity building for application in the GEO societal benefit areas. Coinciding with this purpose, successful brokerage with (potential) clients for

earth observation products and services will be facilitated.

[Read more](#)



ISPRS Commission VI Symposium at ITC

ISPRS Commission VI "Education and Outreach" will organise a mid-term Symposium with the title: "*Cross-Border Education for Global Geo-information*" 2-4 June 2010, ITC Enschede, The Netherlands

Extended Deadline for submitting abstracts: 15 February 2010

For more information check the [conference website](#)

Giant Pandas Endangered by Inbreeding

Increasing sightings of the rare brown-and-white panda

We are all aware that the giant panda is an endangered species. Researchers at the University of Twente's Faculty of Geo-Information Science and Earth Observation (ITC) have suggested that these animals are becoming increasingly endangered due to local inbreeding. This was announced in an article published by Tiejun Wang and Andrew Skidmore on 18 January, at the website of the leading scientific journal Nature.

[Read More](#)

Airborne and Terrestrial Laser Scanning

Editors: George Vosselman and Hans-Gerd Maas

Published by: Whittles Publishing

Written by a team of international experts, this book provides a comprehensive overview of the major applications of airborne and terrestrial laser scanning.

[Read more](#)

Transparency and Accountability of Disaster-related Aid for Haiti Starts Now!

In 2008 the International Organisation of Supreme Audit Institutions (INTOSAI) completed its study on the transparency, accountability and audit of the Tsunami-related aid in Indonesia. One of the main lessons of this study was the added value of geospatial data for the planning, coordination, monitoring, accountability and audit of disaster-related aid. INTOSAI concluded that, in order to ensure long term accountability and transparency, geospatial data should be immediately included in the information structure of agencies involved.

[Read more](#)

52°North Student Innovation Prize 2010: deadline extended

Due to a rather short proposal preparation time, we have decided to extend the deadline for papers for the 52°North Student Innovation Prize for Geoinformatics 2010. The new deadline is January 31, 2010.

[Read more](#)

Nuffic Neso Desk India - Chennai



The Nuffic Neso Desk India - Chennai organised a *Holland Alumni Network - India meet* on 7 December 2009 in Chennai. During this meet website www.hanindia.org was soft launched and representatives from three prominent Dutch universities and senior faculty members from universities in Chennai had a discussion together with members of the Holland Alumni Network.

The Holland Alumni Network-India will plan various networking events and other activities for the alumni on a regular basis. The establishment of this network increases the opportunities of alumni to contribute to relations between India and the Netherlands in general and to their educational or expertise-related areas in particular.

[Read more](#)

Upcoming Distance Education Courses

GIS Data Quality

This course aims to cover the basic principles of spatial data quality. This subject is of central importance in GIS and related fields since the quality of the data that is used and produced impacts on the quality of decisions made. The term "spatial data quality" is widely used in academic, governmental and industrial contexts but often remains undefined. This course requires that participants give critical attention to the meaning of spatial data quality. Greatest attention will be given to quantitative and statistical aspects of the subject.

[Read more](#)

Apply now for a fellowship under NFP!

The application deadline for NFP fellowships for Degree and Diploma programmes in Geo-Information Science and Earth Observation starting in September 2010 is almost due.

For more information about studying at ITC and fellowships <http://www.itc.nl/Study>

The NFP and/or ITC deadline for application for the following courses –intake 2010- is almost due:

Certificate courses

- [Advanced Earth Observation and Quantified Modeling in Applied Earth Sciences](#)
- [Spatial Interventions in Urban Planning and Management](#)
- [Principles of Geographical Information Systems](#)

Distance courses

- [GIS Data Quality](#)

For a complete overview of courses: <http://www.itc.nl/Pub/Study/CourseFinder>

Meet us around the world!

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Brazil

World Urban Forum

22 – 26 March 2010, Rio de Janeiro, Brazil

<http://www.unhabitat.org/categories.asp?catid=584>

UAE

Map Middle East

22 – 24 March 2010, Abu Dhabi, UAE

<http://www.mapmiddleeast.org/>

Switzerland

IDRC Davos 2010

30-3 May/June 2010, Davos, Switzerland

<http://www.davos2010.org/>

Cuba

VIII Congreso Internacional Sobre Desastres

14 – 18 June 2010, Havana, Cuba

<http://www.sld.cu/sitios/desastres/temas.php?idv=28696>

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ITC Update - Issue 02 - 2010 Online Newsletter for the ITC Alumni Community

Short Course on Land Policy and Land Administration *Hanoi University of Science*



From 26 to 30 October 2009, the short course Land Policy and Land Administration in a Changing World: Theoretical and Practical Aspects took place in the main building of Hanoi University of Science (HUS). The course was delivered by Professor Paul van der Molen, who holds the Chair of Cadastre and Land Administration at ITC. The course was part of intended broader cooperation between HUS and ITC in this domain.

[Read more](#)

ITC's Graduate Association

The ceremony held on 15 December 2009 to formalise the creation of the graduate association of ITC was attended by the rector of ITC, and PhD students and their elected representatives. The ceremony also served to launch the IPC web pages, which can be found on the Research page of the ITC website. These pages contain relevant information for the PhD community and provide a forum where ITC PhD students can communicate, exchange ideas, and ask questions regarding PhD life at ITC in general. The rector opened the forum by saluting the progress of the PhD students as a community at ITC.

[Read more](#)

ITC Alumnus Dr Alok Porwal Receives Best Reviewer Award



Dr Alok Porwal is one of the recipients of the Mathematical Geosciences Editor's Best Reviewer Award 2008-2009 (see Mathematical Geosciences, vol. 42, no. 1, January 2010). Dr Porwal and two other mathematical geoscientists were given the award for their exceptionally diligent and thorough reviews, as well as their commitment to seeing the full completion of new and revised versions of manuscripts submitted to Mathematical Geosciences.

This journal is one of three journals of the International Association of Mathematical Geosciences (IAMG), the other two being Computers & Geosciences and

[Read more](#)

Phd Defences

Ningrui DU's PhD thesis:



Integrating Surface Water Management in Urban and Regional Planning

Case Study of Wuhan in China

In the case of cities located in alluvial river plains, surface water systems are facing significant disturbances via reclamation, alteration and pollution due to the increasing pressures from urban expansion and urban land use change.

In one way or another, many water related problems (e.g. flooding or drought disasters, and serious water pollution) are the outcome of disordered or ill-conceived land use development. However, the linkage between land and water resource management in the urban area has long been ignored. Under the circumstances of extensive urbanization and industrialization in China, many cities are experiencing the serious impacts of rapid urban land use expansion on surface water systems.

[Read more](#)

Theodor Foerster's PhD Thesis:



Web-Based Architecture for On-Demand Maps

Integrating Meaningful Generalization Processing

Generating readable maps at a specific scale and for a specific use is a challenge in research and practice. With the advent of the web as a platform for accessing and sharing information between users, maps also became web accessible. The web provides the means to generate and disseminate maps for specific users (i.e. on-demand). Providing on-demand maps is considered to improve map communication. In this context, automated generalization is one solution to generate these on-demand maps.

[Read more](#)

Alemseged Tamiru Haile's PhD thesis:



Rainfall Variability and Estimation for Hydrologic Modelling

A remote sensing based study at the source basin of the Upper Blue Nile River

Rainfall is one of the meteorological forcing terms in hydrologic modelling and therefore its spatial variability in coverage, frequency and intensity affects simulation results. Rainfall variability in particular under the effect of orography adjacent to a large water body is not fully known. Such study is done for the Gilgel Abbay watershed of the Lake Tana basin (Ethiopia).

The study area is the source basin of the Upper Blue Nile River which is one of the major contributors to the river flow of the Nile. The livelihood in the Lake Tana basin largely depends on rainfed agriculture and therefore understanding rainfall variability in the basin is required. As part of the study, a set of recording rain gauges have been installed to observe rainfall at high resolution.

[Read more](#)

Refresher Courses 2010

Refresher courses, which are certificate of attendance courses (mostly of two-week duration) organised for alumni in their home countries or regions, are meant to increase the impact and prolong the effect of earlier training.

In 2010 ITC will co-organise seven refresher courses:

- Participatory Approaches to Slum Upgrading and Management (Kenya)
- Modern Techniques for Environmental and Sustainable Development of Earth Resources (Ethiopia)
- [GEONETCast-Toolbox for natural and water Resource Management](#) (Ethiopia)
- Preparing for Adaptations to Climate Change in West Africa (Burkina Faso)
- Strengthening Local Land Governance; Multi-stakeholder Approaches (Tanzania)
- The Application of GIS and Remote Sensing to Geologic Mapping and Mineral Resources Exploration (Tanzania)
- Modern Geo-Engineering Technology to Advance Environmental Management (Vietnam)

More information will be available soon at www.itc.nl/Pub/Study/CourseFinder

Upcoming Distance Education Courses

Multi-Hazard Risk Assessment

Worldwide we are faced with a rapidly growing impact of disasters, due to increased vulnerability and climatic extremes. There is an urgent need to include the concepts of disaster risk management into planning, sustainable development and environmental impact assessment. One of the important requirements to carry out an effective disaster risk management is capacity building and training of disaster management experts and professionals, such as planners, engineers, architects, geographers, environmental specialists, university teachers etc.

This course is designed for all those who have to carry out risk assessment and need knowledge and skills on the procedures to do that using a GIS. These include professionals working in NGOs and governmental organisations related with disaster risk management, but also professionals, planners, engineers, architects, geographers, environmental specialists, university teachers.

[Read more](#)

Principles of Remote Sensing

This course introduces participants to the basic concepts and operational skills necessary to acquire the most appropriate remote sensing data and extract geo-information from such data. The objective is to create a firm basis for the successful integration of remote sensing in any field of application. In addition, participants can choose two topics of personal interest to deepen their knowledge.

The course is useful to novices in the realm of remote sensing, as well as to those experienced in some aspects but lacking a complete overview of the state of the art and/or the conceptual foundation.

[Read more](#)

Apply Now!

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MSc degree

- [Geographical Information Management and Applications - Part time](#)
- [Geographical Information Management and Applications - Full time](#)

Certificate

- [Digital Photogrammetry and Remote Sensing](#)
- [GIS Operation](#)
- [Cartography and Geo-Visualization](#)
- [Multi-hazard Risk Assessment and Strategic Environmental Assessment for spatial planning](#)
- [SAR remote sensing, interferometry and their applications in land and earth resources and disaster damage assessment](#)

Refresher course

- [GEONETCast-Toolbox for natural and water resource management](#)

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VIII Congreso Internacional Sobre Desastres

14 – 18 June 2010, Havana, Cuba

www.sld.cu/sitios/desastres/temas.php?idv=28696

Vacancies at ITC

- [Lecturer Photogrammetry](#) (closing date 20 March 2010)

For the complete list of vacancies at University of Twente: www.utwente.nl/vacatures/en/



The Dutch Alumni & Business Society

The Dutch Alumni & Business Society is a business networking tool for international alumni, students and Dutch companies. Join and be (virtually) connected to the opportunities the Dutch and their alumni have to offer worldwide.

As an open economy and the gateway to Europe, the Netherlands relies on its network of international contacts. The Dutch government has trade representatives all over the world to facilitate international business contacts. Alumni are ambassadors of the Netherlands and natural partners in the Dutch trade network. This is why the Dutch Ministry of Economic Affairs stimulates initiatives such as DABS, designed to bring alumni and Dutch businesses closer together. Studying in the Netherlands is an experience of a lifetime. Even after your studies, the country will always feel like a home away from home. DABS enables you to share your experiences with alumni around the world whilst at the same time extending your professional network. Moreover, DABS keeps you updated on Dutch alumni & business events in your country such as seminars and trade dinners. It could turn out you're just two handshakes or e-mails away from a new business opportunity or career in or outside the Netherlands

[To join and read more](#)

EuroSDR e-learning courses



EduServ8, the eighth round of the annual EuroSDR short distance e-learning courses, will begin with a 2-days pre-course seminar (22-23 April 2010) in Leuven, Belgium hosted by the the Katholieke Universiteit Leuven. The courses, to be followed from then until early summer, will cover topics related to INSPIRE, DTM quality and the use of LiDAR for tree estimation.

[Read more](#)

New Additions to the ITC Library Collection

ISI Journal Articles

- [An integrated model of soil - canopy spectral radiances, photosynthesis, fluorescence, temperature and energy balance.](#)
van der Tol, C., Verhoef, W., Timmermans, J., Verhoef, A. Su, Z. (2009)

Conference Proceedings (full papers)

- [The evolving function of land administration in society - capitalizing on investments in a digital land register and cadastre in the Netherlands](#)
van der Molen, P. (2009)
- [The Dutch kadaster in times of financial crisis](#)
Barnasconi, G., van der Molen, P. (2009)

-
- [Advancing a national atlas - based portal for improved use of a gospatial data infrastructure: applying scenario - based development.](#)
Aditya, T., Ormeling, F.J., Kraak, M.J. (2009)
 - [Spatial and social equity index for equity based resource allocation.](#)
Wismadi, A., van Maarseveen, M.F.A.M., Brussel, M.J.G. (2009)

Scientific and Professional Publications

- [Social tenure domain model.](#)
Lemmen, C.H.J., Augustinus, C., van Oosterom, P. (2009)
- [The importance of digital libraries in joint educational programmes between Ghana and the Netherlands.](#)
Koelen, M.T., Ballard, J.A.Q. (2009)
- [A field guide for assessing and monitoring reduced forest degradation and carbon sequestration by local communities : research project Kyoto : think global, act local.](#)
Verplanke, J.J., Zahabu, E. (2009)

The complete list with new additions is also available at:
www.itc.nl/library/Library_news/New_additions/default.aspx

Or contact Drs. M.Th. Koelen (koelen@itc.nl) at the ITC library.

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24 02 2010



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ITC Update - Issue 2010 - 03 Online Newsletter for the ITC Alumni Community

Pictures of the MSc Graduation Ceremonies

[Photo Gallery](#)

In the first week of March about 180 MSc students graduated from different ITC courses. On behalf of all ITC alumni we congratulate everyone and welcome them to the ITC alumni community.

As a new ITC alumnus a world will open for you and you will find fellow ITC alumni all over the world who can help you to get started after 18 months of lectures, exams, thesis writing and parties. Check our website to find your national ITC alumni association and contact them. If you cannot find an alumni association in your country, maybe it is time to start one yourself!

Magnitude 8.8 Earthquake in Chile

Summary and background from a geoinformation science perspective

The magnitude 8.8 earthquake occurred on 27 February 2010, at 03:34 a.m. local time. The epicentre was located at 35.909°S, 72.733°W (just offshore), at a depth of about 35 km. It was the 5th strongest earthquake ever recorded.

[Read more](#)

Phd Defence Ceremonies

Sander Oude Elberink



Acquisition of 3D Topography

Automated 3D Road and Building Reconstruction using Airborne Laser Scanner Data and Topographic Maps

[Abstract from dissertation](#)

PhD Defence: Friday 26 March 2010

Time: 13:15

Location: University of Twente, ITC Auditorium

Shi Pu



Knowledge Based Building Facade Reconstruction from Laser Point Clouds and Images

[Abstract from dissertation](#)

PhD Defence: Friday 26 March 2010

Time: 14:45

Location: University of Twente, Waaier room 4

Mhosisi Masocha



Savanna Aliens

[Abstract from dissertation](#)

PhD Defence: Wednesday 31 March 2010

Time: 15:00

Location: University of Twente, ITC Auditorium

GIS Education Reaching Grassroots in India

GIS is trickling down to grass root levels in India. Its application is wide spread in the country. However, education facilities necessary to support the demands of the large country are still meagre necessitating fraternal support from the geo-information science community all over the world. Despite the limitations in the available facilities, students from a city college used their newly acquired skills in GIS to produce maps that are set to aid the local government for the betterment of governance.

[Read more](#)

Scientists Unlock the Migration Mystery of the Golden Takin

The golden takin is a large plant-eating mammal that lives in the mountains of China. Each season it migrates up or down the mountain. Until recently the reason behind its complex seasonal migration pattern was a mystery. But researchers Tie-Jun Wang and Andrew Skidmore of ITC.

[Read More](#)

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- [Geographical Information Management and Applications - Full time](#)

Certificate

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- [GIS for Disaster Risk Management, Level I](#)
- [SAR remote sensing, interferometry and their applications in land and earth resources and disaster damage assessment](#)
- [Spatial change and spatial interaction modelling](#)
- [Managing geoinformation systems in the public sector](#)

-
- [Scenario Development, Spatial Planning Support Systems and Collaborative Decision Support](#)
 - [Using Geographic Information Systems \(GIS\) in disease control programmes](#)
 - [Participatory GIS - Principles and applications](#)

Refresher course

- [Strengthening Local Land Governance](#)

On overview of all courses can be found at <http://www.itc.nl/Pub/Study/CourseFinder>

Alumni gatherings

Meet old friends and ITC staff and make contact with fellow alumni in your country.

Upcoming alumni gatherings

Rio de Janeiro, Brazil

World Urban Forum

25 March 2010

Havana, Cuba

VII Congreso Internacional sobre Desastres

June 2010

More information will be announced

The events are free of charge but places must be reserved in advance.

Please RSVP to the Alumni Office at alumni@itc.nl.

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30-3 May/June 2010, Davos, Switzerland

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14 – 18 June 2010, Havana, Cuba

Vacancies at ITC

- [Associate Professor Geovisual Analytics](#) (Closing date 12 April 2010)

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24 March 2010



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ITC Update - Issue 2010 - 04 Online Newsletter for the ITC Alumni Community

Queen's Birthday 2010



As many of you know and have experienced during your stay in the Netherlands 30 April is a great day to leave your assignments, exams, and homework for what they are and join the festivities throughout the country. Children selling their old toys, art, food, performances, and music is filling the streets of each city, town or village in The Netherlands.

Tomorrow the whole country will change its colour to orange and the Queen and her family will pay a visit to a city and join the festivities.

Do you have good memories of your Queen's Birthday or other events in The Netherlands? Let us know by sending a picture and a short testimonial to alumni@itc.nl

International Education Sports Day

Students from 10 international institutes showed their sportsmanship and fantastic spirits in the 32nd International Education Sports Day, which took place on Saturday 10 April 2010 at the campus of the University of Twente in Enschede.

[Read more](#)

Phd Defence Ceremony

Zhenshan YANG



The role of economic clusters in improving urban planning support
[Abstract of dissertation](#)

PhD Defence: 13 April 2010
Location: Utrecht University, Academieggebouw

World Bank Group Opens Data to All

Groundbreaking move will provide free, open, and easy access to comprehensive statistics on global development challenges

The World Bank Group today announced that it has thrown open the doors to its statistical databases and is challenging the global community to use the data to create new applications and solutions to help poor people in the developing world.



Recognizing that transparency and accountability are essential to development, the World Bank Group is now providing free, open, and easy access to its comprehensive set of data on living standards around the globe - some 2,000 indicators, including hundreds that go back 50 years. The data will be available in Arabic, French and Spanish in addition to English.

More information can be found [here](#).

Regional Training Course: GIS for Disaster Risk Management

Rapid population growth and urbanization combined with extreme climatic events are causing a rapid increase in vulnerability of communities exposed to hazardous events. As a result, disasters are increasingly taking heavy toll of life and property. Unplanned growth both in urban and non-urban areas calls for an adequate preparation to reduce the impact of disasters. There is a need for inclusion of disaster risk information in development planning and create awareness among the disaster management professionals.

[For more information and application](#)

Call for abstracts AARSE 2010

"Addis 2010" is a bi-annual conference which is held under the auspices of the African Association of Remote Sensing of the Environment (AARSE).

The central theme of the AARSE 2010 Conference is:

"Earth Observation for Africa's Development Agenda"

The four major scientific sub-themes of the conference are:

- Food and Water Security
- Energy Resources
- Disaster Risk Reduction
- Marine and Coastal Management

Abstract Submission is 30 April 2010

[Read more](#)

Indian Institute of Remote Sensing (IIRS) Joint Education Programme in Geoinformatics

Applications are open for the joint MSc (18 months) and postgraduate diploma (PGD) (10 months) in Geoinformatics. MSc students study for 9 months at IIRS before going to ITC for 3 months. They then complete their 6-month MSc thesis at IIRS with supervisors from both

institutes. PGD students complete the entire programme at IIRS. The deadline for applications is 31 July 2010.

Contact persons: IIRS (sameer@iirs.gov.in) or Nicolas Hamm (hamm@itc.nl)
[Read more](#)

Meeting ITC Alumni Association Bangladesh

On 16 March 2010 the third meeting of the ITC alumni Association was held at the Department of Environment, Dhaka, Bangladesh. Mr. Md Billal Hossain was the convenor of the meeting where they discussed future alumni activities in Bangladesh.

[Read more](#)

Alumni Gathering Rio de Janeiro

5th World Urban Forum



In the space of a few short years, the World Urban Forum (WUF) has turned into the world's premier conference on cities. There were many alumni from all over the world among the 14,000 participants. Traditionally, we meet many former students at the WUF who now work for planning ministries and municipalities.

The ITC booth is always a happy gathering place for participants wishing to renew their links with their Alma Mater, so ITC, together with CAN, hosted a reception on Thursday, 25 March 2010, at the restaurant "Espirito Santa" in Santa Teresa, a beautiful part of the city high up in the hills.

[Read more](#)

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June 2010

More information will be announced

Bandung, Indonesia

'Tubantia Seminar' in cooperation with the University of Twente

July 2010

More information will be announced

The events are free of charge but places must be reserved in advance.

Please RSVP to the Alumni Office at alumni@itc.nl.

If you have friends or contacts who are ITC alumni and who have not received an invitation, please do contact us at alumni@itc.nl so that we can ensure that they are invited.

Map Middle East Conference 2010

Organised by GIS Development of India, the Map Middle East Conference is an international platform designed for building networks to enable g-lateral ties in the Middle East region for the geospatial community. It is aimed at encouraging professionals representing different stakeholders of the geospatial community to come together on a common platform and work on ways and means of encouraging geospatially related ties and collaboration at national, regional and global levels for the overall growth of the geospatial industry in the region. This year's event was held over the period 22-24 March at the National Exhibition Centre Abu-Dhabi.

[Read more](#)

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[IDRC Davos 2010](#)

30 May-3 June 2010, Davos, Switzerland

Cuba

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14 – 18 June 2010, Havana, Cuba

Environmental Modelling and Management (GEM) 2010

Five renowned European institutes offer a unique Erasmus Mundus joint European Master of Science (MSc) Course in *Geo-information Science and Earth Observation for Environmental Modelling and Management (GEM)*.

The course has a duration of 22 months and will be taught by world class faculties in five countries: Iceland, UK, Sweden, Poland and The Netherlands. While spending time in at least two of the five countries and studying in multi-cultural environment students will gain valuable insight into the academic, social and cultural diversity of northern and central Europe. On graduation they will be offered a multiple MSc degree from the consortium universities.

[Read more](#)

GIS education reaching grassroots in India

GIS is trickling down to grass root levels in India. Its application is wide spread in the country. However, education facilities necessary to support the demands of the large country are still meagre necessitating fraternal support from the geo-information science community all over the world. Despite the limitations in the available facilities, students from a city college used their newly acquired skills in GIS to produce maps that are set to aid the local government for the betterment of governance.

[Read more](#)

Apply Now!

The deadline for ITC or NFP application for the following courses –intake 2010- is almost due:

Certificate courses

- [GIS for Disaster Risk Management, Level I](#)
- [Spatial change and spatial interaction modelling](#)
- [Managing geoinformation systems in the public sector](#)
- [Scenario Development, Spatial Planning Support Systems and Collaborative Decision Support](#)
- [Using Geographic Information Systems \(GIS\) in disease control programmes](#)
- [Participatory GIS - Principles and applications](#)
- [Principles and Applications of Remote Sensing and GIS in Natural Resources Management, at KNUST, Kumasi, Ghana](#)
- [Principles and Applications of Remote Sensing and GIS in four application fields](#)
- [Principles of Spatial Data Handling: Databases, GIS and Remote Sensing](#)
- [Land Administration Systems](#)

Refresher courses

- [Strengthening Local Land Governance](#)
- [Modern Geo-Engineering Technology to Advance Environmental Management](#)

Distance courses

- [Principles of RS, GIS and GEONetCast I](#)
- [Modern Geo-Engineering Technology to Advance Environmental Management](#)

An overview of all courses can be found at <http://www.itc.nl/Pub/Study/CourseFinder>

New Additions to the ITC Library Collection

PhD Theses

- [Knowledge based building facade reconstruction from laser point clouds and images](#)
Pu, S., Vosselman, G. - Enschede; ITC, 2010
- [Acquisition of 3D topography : automated 3D road and building reconstruction using airborne laser scanner data and topographic maps](#)
Oude Elberink, S.J., Vosselman, G. - Enschede; ITC, 2010
- [Savanna aliens](#)
Masocha, M., Skidmore, A.K., Prins, H.H.T. - Enschede; ITC, 2010

Books

- [DESERT : Dead sea rift transect : an interdisciplinary research project to study the Dead sea tranform](#) Weber, M. - Potsdam; GeoForschungsZentrum Potsdam, 2009
- [Directory of geoscience organizations of the world 2010](#)
Tsukuba; Geological Survey of Japan, 2010

Scientific and Professional Publications

- [Series on capacity building](#)
Dowman, I., Molenaar, M., Peled, A. (2010)
In: GIM international : the global magazine for geomatics, 24(2010)3 pp. 35-37

AVM

- [Stayin' alive in Jo'burg](#)
Schroder, R. - Hilversum; VPRO, 2009

-
- [I am Gurgaon : the new urban India](#)
Meerman, M. - Hilversum; VPRO, 2009
 - [Coming to the city](#)
Metropolis - Hilversum; VPRO, 2009
 - [Grand Paris : the president and the architect](#)
van der Haak, B. - Hilversum; VPRO, 2009

Journal

- [Geological Remote Sensing Group newsletter GRSG](#)
London; Geological Remote Sensing Group (GRSG). online : 43 (2006)

The complete list with new additions is also available at:

www.itc.nl/library/Library_news/New_additions/default.aspx

Or contact Drs. M.Th. Koelen (koelen@itc.nl) at the ITC library.

Vacancies at ITC

- [Assistant Professor Interactive extraction of geo-information](#) (Closing date 25 May)

For the complete list of vacancies at the University of Twente:

www.utwente.nl/vacatures/en/

For questions or suggestions concerning the ITC Alumni please contact the Alumni Coordinator Ms. Jorien Terlouw: alumni@itc.nl

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28 April 2010



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



ITC Update - Issue 2010-05 Online Newsletter for the ITC Alumni Community

ITC Delegation Attended the 24th FIG Congress

ITC was very well represented at the 24th FIG Congress in Sydney, Australia, 11–16 April 2010.

The congress, organised by the International Federation of Surveyors (FIG), is the largest surveying Congress in Australia and the Pacific region in 2010.



[Read more](#)

Apply Now for Courses Starting in 2011!

Registration for the courses in the Degree, Diploma and Certificate programmes starting in 2011 is now open.

Are you interested in a short training course in a specific topic or do you want to update your skills? You can choose from a wide variety of online courses.

[Go to the course finder](#)

Delta Competition 2010

What idea do you have, big or small, that could help delta cities respond to their climate change challenges within a complex urban environment?

The Delta Competition calls upon (bachelors, masters and PhD) students from all over the world and from all relevant disciplines to prepare – together or individually – a paper and submit this to an internationally acclaimed jury.

Submission deadline: 22 June 2010

[More information](#)

Phd Defence Ceremony

Shadrack Ngene



Why Elephant Roam [Abstract of dissertation](#)

PhD Defence: 19 May 2010
Location: University of Twente, Waaier room 4

Editor's Choice Journal of Biogeography

The Editor-in-Chief of the Journal of Biogeography has recently selected a number of research articles recently published in the journal. The selection of articles reflects the scope and level of commendable research published in the journal.



The article *Giant pandas in fragmented forest landscapes: where do they live?* based on the paper by ITC colleagues Tiejun Wang, Andrew Skidmore, and Bert Toxopeus and Xinping Ye of the Foping National Nature Reserve in China the is one of the highlighted selected articles.

[Click here](#) to read the article summary and to be directed to the corresponding article.

Your Video is Worth an Apple Macbook Pro!



In April, Nuffic celebrated the first anniversary of the Study in Holland film on their YouTube channel. So far, the film has been watched over 50,000 times. To celebrate this, Nuffic initiated a video competition.

You are invited to send them your very best video of your ultimate Study in Holland experience. Be creative and show what studying and living in Holland is or used to be like for you! You can use animation, film, music video, photo's etc. Your video should be between 2 and 5 minutes.

[Read more](#)

Executive Short Courses: Management of Infrastructure and Community Development

- Functional Design Approaches for Pro-poor Infrastructure Development
23-25 June 2010
- Urban Transport Planning and Assessment for Sustainable Cities
4-6 August 2010

[Read more](#)

Natural Hazards and Disaster Risk Management

New MSc (18 months) and PD Diploma (10 months) courses on Natural Hazards and Disaster Risk Management are offered at IIRS, Dehradun. Both courses are jointly organized by the Indian Institute of Remote Sensing (IIRS, Dehradun) and Faculty of Geo-Information Science and Earth Observation (ITC) of the University of Twente.

[Read more](#)

Alumni Gatherings

Meet old friends and ITC staff and make contact with fellow alumni in your country.

Upcoming alumni gatherings

Havana, Cuba

VII Congreso Internacional Sobre Desastres

June 2010

More information will be announced

Bandung, Indonesia

'Tubantia Seminar' in cooperation with the University of Twente

3 July 2010

Location: Art&Science Estate Lawangwangi, Bandung

[More information](#)

The events are free of charge but places must be reserved in advance.

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Meet us Around the World!

Come to our booth and meet ITC staff.

Switzerland

[IDRC Davos 2010](#)

30 May - 3 June 2010, Davos, Switzerland

Cuba

[VIII Congreso Internacional Sobre Desastres](#)

14 - 18 June 2010, Havana, Cuba

700 eBooks, Free Online - 40 Years IDRC

IDRC Books publishes - both online and in print - the results of IDRC-supported research on global and regional issues related to sustainable and equitable development.

As a specialist in development literature, IDRC Books contributes to the body of knowledge on these issues to further the causes of global understanding, equity, and well-being.

[Read more](#)

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26 05 2010



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



ITC Update - Issue 2010-06
E-Newsletter for the ITC Alumni Community

World Cup 2010 Fever



On 11 June the World Cup 2010 Soccer started with a game between the host country South Africa and Mexico. Many people around the world have been eagerly waiting for the start of this tournament. Free time was saved, holiday plans were changed according to the World Cup schedule, partners who hate soccer were banned from their homes, large screens were placed in towns and gadgets in the national colours were bought.

As the ITC community exist of alumni and students from different countries in which soccer is national sport number one, a short impression of several games written by alumni and/or students who describe their [soccer experience](#) in a few words.

If you want to add your World Cup 2010 Soccer experience send it to alumni@itc.nl.

Apply Now for Courses Starting in 2011!

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Are you interested in a short training course in a specific topic or do you want to update your skills? You can choose from a wide variety of online courses.

[Go to the course finder](#)

Certificate Courses in Natural Hazards and Disaster Risk Management

The Department of Earth Systems Analysis and the UNU-ITC School for Disaster Geo-Information Management are offering a challenging programme of short courses.

-
- [Remote Sensing and GIS for Natural Hazard Assessment](#)
 - [Natural Hazard and Risk Assessment](#)
 - [Risk Management and Environmental Assessment for Spatial Planning](#)
 - [Natural Hazard and Risk Assessment](#)
 - [Distance course in Multi-Hazard Risk Assessment](#)

These courses are targeted at professional workers who wish to increase their knowledge and skills. But also MSc. students who are interested to follow courses outside their home institution will find these courses beneficial.

[Read more](#)

ITC visit to the Balkans

Since the 1950's, only around 100 students from the Balkan region have studied at ITC, while ITC staff had hardly visited the Balkan. Now that the Balkan is making its first steps towards the European Union, it was time to organise a visit to the region, to meet with our alumni and to strengthen ITC's visibility and network in the region. Therefore, Dr. Marleen Noomen, Assistant Professor at the ITC Department of Earth Systems Analysis, teamed up with ITC alumnus Mr. Dimo Todorovski from Macedonia to visit several universities and institutes in the region.

From 10 to 19 May, four different countries were visited, eight universities, two embassies and several (governmental) institutes. The tour started in Sarajevo (Bosnia-Herzegovina), where a visit was paid to the University of Sarajevo. The next stop was Macedonia, where presentations were given at the universities Ss. Cyril and Methodius (Skopje), Goce Delcev (Štip) and at the State University of Tetovo. In each of the universities, the audience consisted of interested staff and students from Earth science related departments. Besides universities, also the Netherlands Embassy in Skopje and the ministry of Environment and Spatial Planning were visited to exchange ideas about cooperation.

[Read more](#)

Visit of the Malaysian Minister of National Resources and Environment

On Friday 21 May 2010, the Malaysian Minister of National Resources and Environment, the Honorable Dato Sri Douglas Uggah Embas, paid a study visit to ITC, together with a delegation of high officials from the Ministry and the Land Surveyors Board. ITC was pleased to welcome ITC alumnus Professor Dr. Abdul Kadir bin Taib, Director General Survey and Mapping Malaysia and Chairman of Land Surveyors Board Malaysia, as one of the delegation members.

[Read more](#)

Nuffic Neso news

Neso Brazil

[Prince Bernhard Scholarships 2010](#)

[Apresentação: Estude na Holanda](#)

Neso China



[Nuffic Neso China will be closed per 1 June 2010](#)

Neso Korea

[Information Session on Agriculture, Business and Education](#)

Food Festival 2010

On 20 May 2010 the International Food Festival was held in the garden of the ITC building. Many booths represented 27 countries around the world sharing delicious food and beverages with the ITC community. Photos of the [annual event](#) are now available.

The Importance of Phosphate

An important outcome of the work of the WASTE advisers on urban environment and development is a documentary video focusing on the importance of phosphate in the natural ecosystem and the future implications of its shortage. WASTE participated, as a member of the Nutrient Flow Task Group (NFTG), at a mini European Conference on the Phosphorus Shortage and the underlying European Challenges, in Brussels in March 2010.

[Read more](#)

Alumni Gatherings

Meet old friends and ITC staff and make contact with fellow alumni in your country.

Upcoming alumni gatherings

Dhaka, Bangladesh

Alumni meeting IAA Bangladesh

24 June 2010

Location: Titas Bhavan, Karwan Bazar, Dhaka, Board room (3rd floor)

Bandung, Indonesia

'Tubantia Seminar' in cooperation with the University of Twente

3 July 2010

Location: Art & Science Estate Lawangwangi, Bandung

[More information](#)

San Diego, USA

ESRI User Conference

14 July 2010

Location: Hotel Solamar, 435 6th Avenue San Diego, CA 92101

Canada

2010 Summer reunion IAA Canada

August 2010

More information will be announced

Addis Ababa, Ethiopia

AARSE Conference

September 2010

More information will be announced

The events are free of charge but places must be reserved in advance.

Please RSVP to the Alumni Office at alumni@itc.nl.

If you have friends or contacts who are ITC alumni and who have not received an invitation, please do contact us at alumni@itc.nl so that we can ensure that they are invited.

Meet us Around the World!

Come to our booth and meet ITC staff.

USA

ESRI User Conference

12-16 July 2010, San Diego (USA)

Indonesia

(E)HEF Indonesia

4-12 October 2010

Ethiopia

AARSE Conference

25-29 October 2010, Addis Ababa (Ethiopia)

Donation Program

The Faculty of Geo-Information Science and Earth Observation (ITC) of Twente University, is one of the world's foremost international professional education establishments in the field of geo-information science and earth observation. At this moment joint educational courses are offered in many countries and ITC Faculty Library is involved in most of these joint courses.

As part of the cooperation programmes ITC library has set up a book and journal donation program for all its partners. ITC Library offers books and journals to these partners; they can choose which publications they are interested in, and the materials will only be sent upon request.

You can access the database at <http://www.donationprogram.nl>

If you have publications that might be of value to our partners, or any questions or remarks, please contact the library at librarydonationandexchange@itc.nl

New Additions to the ITC Library Collection

[The World Bank's online data catalog](#)

[IDRC online books portal](#) ; International Development Research Centre

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22 06 2010

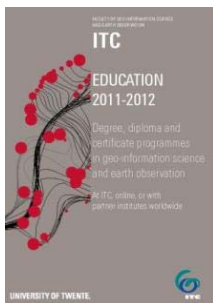


UNIVERSITY OF TWENTE.

ITC

FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-Newsletter for the ITC Alumni Community ITC Update - Issue 2010-07



Education Brochure 2011-2012 online

Read the new ITC Education brochure with all the degree, diploma and certificate programmes in geo-information science and earth observation starting in 2011.

[Read more](#)

Alumnus Received ESRI Lifetime Achievement Award

Mr. Carlos Salman Gonzalez, Director General of 'Sistemas de Información Geográfica', México, received the Lifetime Achievement Award during the ESRI User Conference in San Diego. Mr. Salman Gonzales is an ITC alumnus (graduated in 1975) and acknowledged ITC in his speech.

[See video](#)

Course on GIS, Remote Sensing and GEONETCast

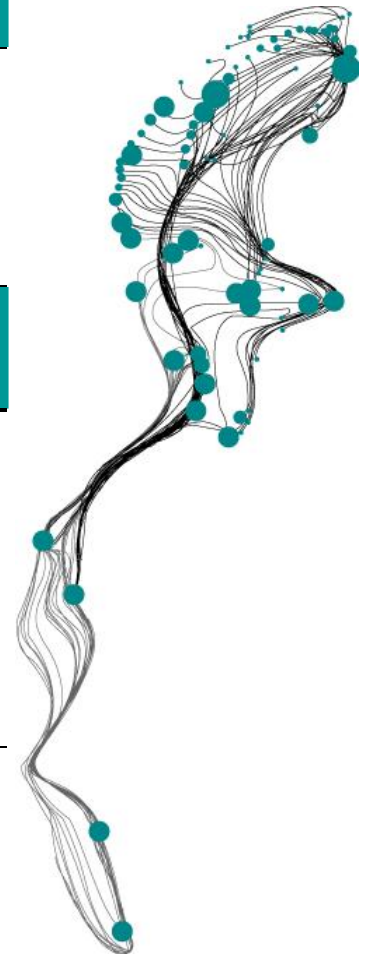
A total of 19 participants from seven different SADC countries successfully concluded ITC's distance education course on "GIS, Remote Sensing and GEONETCast" on 25 June 2010. The course, which began on 17 May 2010, was undertaken in the framework of the Southern African Development Community Thematic Action (SADC THEMA) of the African Monitoring of Environment for Sustainable Development (AMESD). AMESD in Southern Africa aims to empower SADC and its member states to manage their agricultural and environmental resources in a sustainable way.



[Read more](#)

Remote Sensing for Africa

International Journal of Applied Earth Observation and Geoinformation, Volume 12,



Discussions have been underway within AARSE for several years about the possibility of a dedicated journal of African Remote Sensing. The logistical and financial barriers for launching new journals appeared to be formidable. At an AARSE Council meeting in Ghana in September 2007, it was decided that it was more important to create opportunities for African voices to be heard within the main stream of the scientific literature, and, for the mean while, to forego the prestige of an AARSE own journal. A policy was adopted to negotiate with appropriate established RS journals for special issues devoted to African themes, in which AARSE would act as editors or co-editors.

[Read more](#)

ESRI Development Center Student of the Year Award for the McMaster EDC



It is always rewarding to find that our former students are doing well in their professional life "after ITC". We recently received news that Ron Dalumpines from the Philippines, a 2008 MSc graduate of the UPM course, has been awarded the prestigious EDC Student of the Year Award for 2010 at McMaster University.

[Read more](#)

Alumni Meet San Diego

On Wednesday evening the ITC alumni reception was held, attended by some 30 alumni and relations. What makes the San Diego reception special is that, compared to other ITC events, there is an even more wide diversity in geographical background, graduation year and career path of the participants (and still everybody speaks the ITC language!).

[Read more](#)

Alumni Gatherings

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Canada

2010 Summer reunion IAA Canada
August 2010
More information will be announced

Addis Ababa, Ethiopia

AARSE Conference
October 2010
More information will be announced

Hanoi, Vietnam

ACRS Conference
November 2010
More information will be announced

Cape Town, South Africa
Map Africa
November 2010
More information will be announced

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(E)HEF Indonesia
4-12 October 2010

Ethiopia
AARSE Conference
25-29 October 2010, Addis Ababa (Ethiopia)

Vietnam
ACRS Conference
1-5 November 2010, Hanoi (Vietnam)

South Africa
Map Africa
23-25 November 2010, Cape Town (South Africa)

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22 07 2010



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-NEWSLETTER FOR THE ITC ALUMNI COMMUNITY
ITC UPDATE - ISSUE 2010-08

TRANSPARENCY IN LAND ADMINISTRATION

On 20-21 July 2010 an Expert Group Meeting (EGM) on Transparency in Land Administration (TLA) in South and South East Asia was convened at the campus of the Gadjah Mada University in Yogyakarta, Indonesia.

[Read more](#)

STRENGTHENING LOCAL LAND GOVERNANCE

Land policies are intended to guide access to land, land reform and land development. These are central themes in the ITC Land Administration programme. The registration of people's rights to land is an important component as it may help to protect rights against third parties.

[Read more](#)

CLOSING CEREMONY MASTER

On 3 September 2010 18 Master students will receive their degree in Geo-Information Science and Earth Observation for Geoinformatics or for Natural Resources Management. All of them will become a member of the world wide network of ITC alumni. Congratulations to all of you and the best of luck in your life after ITC, hopefully we will be in touch for future alumni activities.

GIM INTERNATIONAL'S AUGUST ISSUE ONLINE

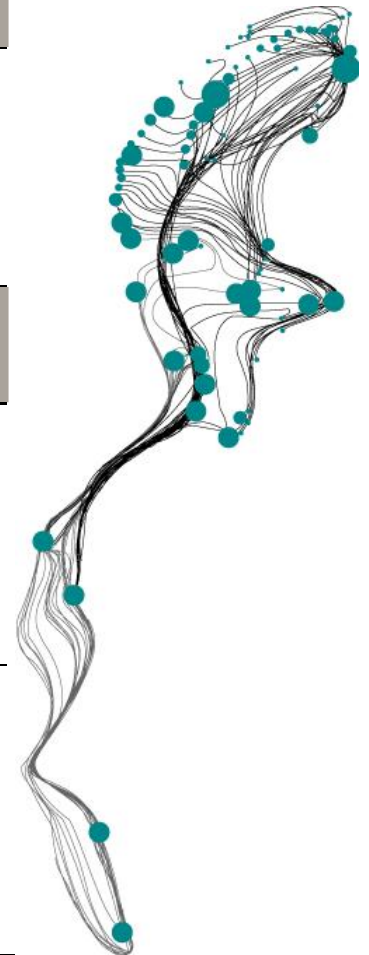
[Click here](#)

[Fast GIS for Farm and Forest](#)

The need for geospatial display of forest areas encouraged three freshly graduated forest engineers fifteen years ago to pioneer the production of GIS-based software applications for this specific sector. In contrast to slowly growing forests, the Hungarian firm DigiTerra Information Services Ltd quickly burgeoned, becoming a market leader in agro-geoinformation.

[Measuring Open Pit Mines](#)

Terrestrial laser scanning enables the acquisition of massive amounts of geo-referenced spatial data in a fraction of the time required by traditional methods. The remote scanning positions also improve worker safety. The author tested static and mobile laser scanning to gauge efficacy in mining applications,



including volume estimates.

[The Thing about Bing](#)

A Bird's-eye View of Microsoft's Web Mapping Service

Bing Maps users will soon be able to look skyward from Streetside and see the stars and constellations. That's just one of the ways in which the Bing Maps team is creating what may turn out to be the coolest mapping technology yet.

ALUMNI GATHERINGS

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IKANED PROFESSIONAL SEMINAR SERIES - STRATEGIC ENVIRONMENTAL ASSESSMENT

On the occasion of the academic visit from ITC, Nuffic Neso Indonesia in co – operation with IKANED (Ikatan Keluarga & Alumni Nederland) cordially invites you to attend the 3rd IKANED Professional Seminar Series on Strategic Environmental Assessment.

[Read more](#)



HOLLAND ALUMNI & DUTCH STUDENTS GET-TOGETHER IN SHANGHAI

We are pleased to invite you for the “NANC Alumni and Dutch Students Get-together” which will take place on Saturday, 18 September during Shanghai World Expo 2010 in the VIP crown of the Dutch pavilion.

[Read more](#)

MEET US AROUND THE WORLD!

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(E)HEF Indonesia
4-12 October 2010

Ethiopia

AARSE Conference
25-29 October 2010, Addis Ababa (Ethiopia)

Vietnam

ACRS Conference
1-5 November 2010, Hanoi (Vietnam)

South Africa

Map Africa
23-25 November 2010, Cape Town (South Africa)

VACANCIES

[Assistant Professor Stochastic methods and radar remote sensing](#)

(Closing date 30 September 2010)

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19 08 2010



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-NEWSLETTER FOR THE ITC ALUMNI COMMUNITY
ITC UPDATE - ISSUE 2010-09

ITC WELCOMES ITS NEW STUDENTS



As most of you might remember September is the month of the new arrivals at ITC. The last two weeks around 200 students joined the ITC community. As each year Bureau Education Affairs organised a week full with activities to get the students to know each other, staff members, ITC, Enschede and the Netherlands. Saturday 25 September the new students were introduced to the international students of the University of Twente, and Saxion.

On Thursday 23 September the Academic Year was officially opened by the Rector and the students could listen to their first lecture of Prof. Michael Goodchild entitled *"Twenty years of Progress: GIScience in 2010"*

On Friday 24 September the students participated in the 'Twente' excursion (the surroundings of Enschede) and after a long day driving and sightseeing the students enjoyed a Dutch dinner served by ITC staff members.

We would like to wish the new students success with the start of their courses and we will welcome them to the ITC Alumni community once they graduate in due time.

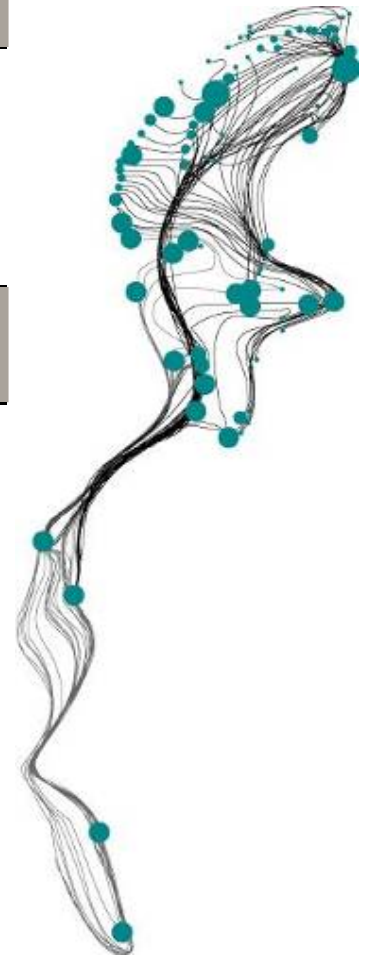
UT GRADUATION PRIZE FOR MR. MATTHEW OFWONO

The University of Twente rewards outstanding master students for their achievements. This is done by issuing an award. The UT Graduation Prize succeeds the ITC MSc Award for best MSc thesis. The prize for the Faculty ITC 2010 went to Mr. Matthew Ofwono, Water Resources and Environmental Management MSc course.

[Read more](#)

ITC RESEARCH AWARD 2010

The ITC Research Award 2010 for the best scientific paper by a PhD Student was granted to Ms. Si Yali (Department of Natural Resources) by a jury appointed by the Academic Board of the faculty ITC for her paper entitled: *"Spatio-Temporal Dynamics of Global H5N1 Outbreaks Match Bird Migration Patterns"*.



THE ARCHITECTURE OF GLOBAL GOVERNANCE: A CASE STUDY OF E-GOVERNMENT IN JORDAN

This book written by ITC Staff member Diego Navarra offers a distinctive perspective on the role played by the transfer of the technology of e- government and international development policy as it brings into being a new architecture of global governance and the broader context of the interplay of technology, geography and politics in Jordan.

[Read more](#)



AFRICAN FRESHWATER SPECIES THREATENED

Twenty-one per cent of freshwater species in continental Africa are threatened with extinction, putting the livelihoods of millions of people at risk. With so much to lose, inland waters must be managed not just for their supply of freshwater but also to sustain the abundant life within.

[Read more](#)

CUSTOMARY TENURE INSTITUTIONS AND GOOD GOVERNANCE

FIG Article of the month written by Anthony Arko-Adjei (Ghana) and Jitske de Jong, Jaap Zevenbergen, Arbind Tuladhar (Netherlands).

Although customary tenure institutions come under considerable strain and their functions tend to be weakened by the existence of a statutory institutional framework, many people in peri-urban areas continue to rely on customary tenure arrangements for land delivery.

[Read more](#)

H2.O PLATFORM LAUNCHED

The h2.0 platform was launched on September 8th, 2010, during Stockholm World Water Week. The new, on-line, participatory, multi-level monitoring platform was demonstrated by showcasing some of the striking findings emerging from the innovative monitoring methodologies piloted through the h2.0 Initiative.

[Read more](#)

HUMAN SENSOR WEB

The Human Sensor Web (HSW) is pioneered by a consortium of three partners: the Faculty of Geo-Information Science and Earth Observation ITC of the University of Twente, Twente Institute of Mobile Communications and the 52North. Geospatial Open Source Software GmbH.

[Read more](#)

EARTH OBSERVATION COMMUNITY AT 52NORTH.ORG



The newly established Earth Observation community on 52North.org promotes the use of free near real-time environmental and Earth Observation data (in-situ, airborne and space based) and derived products to a worldwide user community.

[Read more](#)

UPCOMING DISTANCE EDUCATION COURSES

[SPATIAL DECISION SUPPORT SYSTEMS](#)

This course introduces participants to techniques for selecting and processing data to generate meaningful and timely information to support the better management of resources.

[LEARNING IDL FOR BUILDING EXPERT APPLICATIONS IN ENVI](#)

Interactive Data Language (IDL) is a popular programming language among scientists and is widely used in medical imaging and remote sensing. IDL is optimised for fast calculations on multidimensional arrays and has a wide range of processing libraries and visualisation tools.

[ENVIRONMENTAL IMPACT ASSESSMENT AND STRATEGIC ENVIRONMENTAL ASSESSMENT USING SPATIAL DECISION SUPPORT TOOLS](#)

The course introduces participants to environmental impact assessment (EIA) and strategic environmental assessment (SEA). As both EIA and SEA deal with multiple, and often conflicting, objectives, targets and constraints, a wide range of environmental effects and indicators have to be considered.

ALUMNI GATHERINGS

Meet old friends and ITC staff and make contact with fellow alumni in your country.

Upcoming alumni gatherings

Jakarta, Indonesia

(E)HEF Indonesia

8 October 2010

More information will be announced

Addis Ababa, Ethiopia

AARSE Conference

October 2010

More information will be announced

Hanoi, Vietnam

ACRS Conference

November 2010

More information will be announced

Cape Town, South Africa

Map Africa

November 2010

More information will be announced

The events are free of charge but places must be reserved in advance.

Please RSVP to the Alumni Office at alumni@itc.nl.

If you have friends or contacts who are ITC alumni and who have not received an invitation, please do contact us at alumni@itc.nl so that we can ensure that they are invited.

MEET US AROUND THE WORLD!

Come to our booth and meet ITC staff.

Indonesia
(E)HEF Indonesia
4-12 October 2010

Ethiopia
AARSE Conference
25-29 October 2010, Addis Ababa (Ethiopia)

Vietnam
ACRS Conference
1-5 November 2010, Hanoi (Vietnam)

South Africa
Map Africa
23-25 November 2010, Cape Town (South Africa)

NEW ADDITIONS TO THE ITC LIBRARY COLLECTION

[ISRIC World Soil Information Database](#); International Soil Reference and Information Centre (ISRIC). Since its beginning in 1966, ISRIC - World Soil Information has built up a collection of more than 20.000 articles, country reports, books and maps with emphasis on the developing countries.

[Where are information and communication technologies for development situated.](#)
Miscione, G., de Vries, W.T., Georgiadou, P.Y. (2010)

[Enumeration for land adjudication.](#)
Zevenbergen, J.A. (2010)

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27 09 2010



UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-NEWSLETTER FOR THE ITC ALUMNI COMMUNITY
ITC UPDATE - ISSUE 2010-10

THAI PRINCESS VISITS ITC

On Tuesday 5 October, H.R.H. Princess Maha Chakri Sirindhorn from Thailand paid a working visit to ITC. It was the third time that H.R.H. visited ITC. She was welcomed by Tom Veldkamp, rector/dean of the Faculty ITC, Kees van Ast, vice-chairman of the Executive Board of the University of Twente and Martien Molenaar, former rector of ITC.

[Read more](#)

ITC RESEARCH QUALITY INCREASES

The overall quantity and quality of research conducted at the ITC Faculty has risen over the past three years, according to a recent review committee report. Compared to figures in 2006, the quality has vastly improved. Over the past three years, the ITC has changed from a training institution with limited research activities into an institution where research plays a vital role, alongside education and training, said the review committee.

[Read more](#)



ITC ALUMNUS RECEIVES NEPAL ACADEMIC AWARD OF THE YEAR

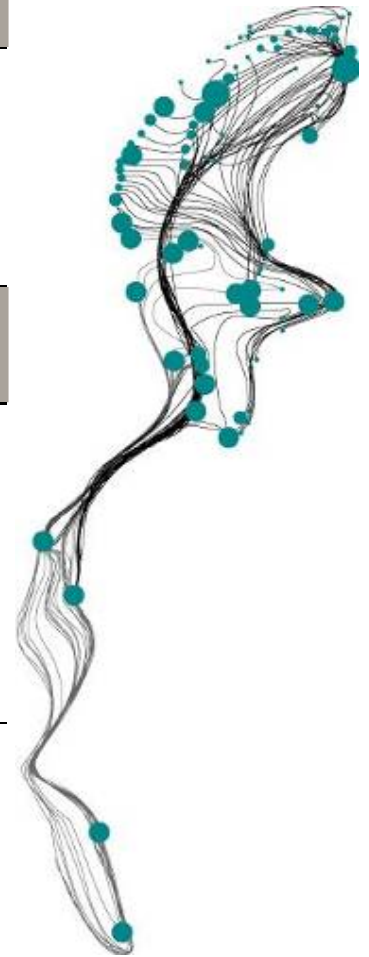
ITC Alumnus Ganesh Prasad Bhatta has been decorated with the 'Nepal Academic Award Medal 'B'' by the Right Honorable President of Nepal on 8 September, 2010 on the occasion of International Literacy Day and National Education Day.

[Read more](#)

CEAIE AND NUFFIC ESTABLISH NESO CHINA

The new office was officially opened on the 15th of October 2010 in Beijing; an official signing ceremony was prepared at the new office, both Nuffic Director-General Sander van den Eijnden and CEAIE Secretary-General Jing Bo were present to sign the formal contract and cut the ribbon.

[Read more](#)



FLOODING AND PAKISTAN

In July and August 2010, Pakistan was hit by an extreme rainfall event, leading to a devastating flood. The impact of this flood is huge, about 1800 people were killed and about 21 million people have been affected by the disaster. In total 160,000 square kilometers of Pakistan's most fertile crop land is inundated by the floods, 200,000 herd of livestock are killed and massive amounts of grain are washed away.

[Read more](#)

SCHOLARSHIP OPPORTUNITIES ERASMUS MUNDUS

GEM 2011

We are pleased to announce that there will be EU Erasmus Mundus scholarships available for both non-EU and EU students for the academic year starting in September 2011. In addition, for exceptional EU candidates, we will again have a limited number of scholarships available that pay full-fees.

Applications may now be submitted for the Erasmus Mundus GEM (Geoinformation for Environmental Management and Modelling) course 2011 through our [registration database](#)

[Read more](#)

ERASMUS MUNDUS LOT 8 (Iran, Iraq, Yemen)

If you have the Iranian, Iraqi or Yemeni nationality you can now register for a scholarship from the Erasmus Mundus (EM8) programme. You can choose from a wide variety of academic fields, have the choice for a number of levels of study (Undergraduate exchange, MSc, PhD, Post-doctorate and staff exchange), as well as the option to study at one of the seven leading European Universities.

[Read more](#)

ERASMUS MUNDUS LOT 5 (Gulf Countries)

The Erasmus Mundus External Co-operation– Gulf States Programme is a partnership between a number of European and Gulf based universities, and it facilitates study and research mobility between member organizations (only). Scholarship opportunities available for nationals from the following countries: Bahrain, Qatar, Oman, United Arab Emirates, Saudi Arabia.

[Read more](#)

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Upcoming alumni gatherings

Addis Ababa, Ethiopia
AARSE Conference
28 October 2010

[Read more](#)

Hanoi, Vietnam
ACRS Conference
3 November 2010
[Read more](#)

Kampala, Uganda
November 2010
More information will be announced

Cape Town, South Africa
Map Africa
November 2010
More information will be announced

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AARSE Conference
25-29 October 2010, Addis Ababa (Ethiopia)

Vietnam
ACRS Conference
1-5 November 2010, Hanoi (Vietnam)

South Africa
Map Africa
23-25 November 2010, Cape Town (South Africa)

THE OPEN ACCESS WEEK CHALLENGE

Open Access Week 2010 is entering its fourth year, and is an opportunity for the academic and research community to continue to learn about the potential benefits of Open Access, to share what they've learned with colleagues, and to help inspire wider participation in helping to make Open Access a new norm in scholarship and research.

[Read more about Open Access Week at ITC](#)



ONLINE JOURNALS (Open Access)

- [Journal of Spatial Information Science](#)
- [Journal of Applied Meteorology and Climatology](#)

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UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-NEWSLETTER FOR THE ITC ALUMNI COMMUNITY
ITC UPDATE - ISSUE 2010-11

LUSAKA AGREEMENT APPROVES WILDLIFE ENFORCEMENT MONITORING SYSTEM

The Lusaka Agreement on Co-operative Enforcement Operations Directed at Illegal Trade in Wild Fauna and Flora was the brain-child of Wildlife Law Enforcement Officers from eight Eastern and Southern African countries meeting in Lusaka, Zambia in December 1992, under the auspices of Zambia's Ministry of Tourism.

[Read more](#)



ITC ALUMNI MEET HANOI

ITC organized an alumni meeting that was very successful. It was attended by some 45 alumni and took place in a very charming restaurant in Hanoi.

[Read more](#)

ITC ALUMNI MEET ADDIS ABABA

On the occasion of the AARSE Conference in Addis Ababa (Ethiopia), an informal alumni gathering was organized by Mr. Sisay Zenebe. Meeting old friends, ITC staff members and making contact with fellow ITC alumni was the main task of the evening.

[Read more](#)

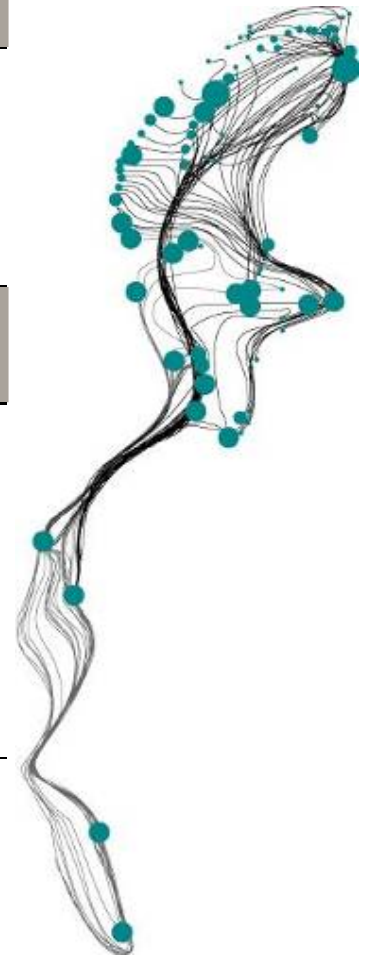


TRANSPARENCY IN LAND ADMINISTRATION

On 2-4 November 2010 a Training of Trainers Workshop on Transparency in Land Administration was held in Kathmandu, Nepal. The event was hosted by the Kathmandu University, strategic academic partner of ITC in the field of capacity building in land administration.

[Read more](#)

APPLY FOR STUNED REFRESHER COURSES



Since 2009 StuNed is handling a new modality of StuNed Scholarship Programme, i.e. Refresher Course (RC). As one of our plans for our alumni, we would like to be in touch with the alumni through various activities. One of them is through Refresher Courses. If a StuNed alumnus or the organization where s/he is working, would like to have a training which is within the StuNed criteria, they may apply by submitting the request to Neso Indonesia.

[Read more](#)

MEET YOUR NESO ALUMNI OFFICERS

Nuffic Neso Offices are Nuffic Netherlands Education Support Offices, our overseas offices. Their main tasks are the generic promotion of Dutch higher education and the enhancement of cooperation between higher education institutions in the Netherlands and institutions in the Neso regions. One of their core activities are Holland alumni activities. In order to coordinate the alumni activities as much as possible each Neso office has an alumni officer. Please find below the contact details of the alumni officers of the different Neso offices:



NESO BRAZIL

Gustavo Leite
glete@nesobrazil.org
www.nesobrazil.org

NESO MEXICO

Adriana Gutierrez
agutierrez@nesomexico.org
www.nesomexico.org

NESO CHINA

Selano Li
selanoli@nesochina.org
www.nesochina.org

NESO RUSSIA

Olga Zobotina
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www.nesorussia.org

NESO ÍNDIA

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NESO INDONESIA

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NESO VIETNAM

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www.nesovietnam.org

NESO KOREA

Yoojung (Adriana) Jung
adriana@nesokorea.org
www.nesokorea.org

Read more about the Nuffic Neso Offices on the [Nuffic website](#) or www.hollandalumni.nl

APPLY NOW!

The NFP deadline for application for several Certificate courses –intake 2011- is almost due

- [Scenario Development, Spatial Planning Support Systems and Collaborative Decision Support](#)
- [Remote Sensing and Digital Image Processing](#)
- [GIS Operation](#)
- [Cartography and Geo-Visualization](#)
- [Risk Management and Environmental Assessment for Spatial Planning](#)
- [Assessment of the Effect of Climate Change on Agro-ecological Systems Using Optical and SAR](#)

[Remote Sensing and GIS](#)

- [Distributed Data Access Technologies for Natural Resources Monitoring](#)
- [Geo-information and Governance: concepts, approaches, research methodologies and research practice](#)
- [Participatory GIS - Principles and Applications](#)
- [Remote Sensing Methods for Deriving Geo-biochemical Properties of Aquatic Ecosystems](#)
- [Retrieval of Land Surface Hydrological Parameters](#)
- [Strategic Environmental Assessment \(SEA\) and Environmental Impact Assessment \(EIA\) Applying Systems Analysis and Spatial Decision Support tools](#)
- [Spatial Modelling of Biological Ecosystem Properties](#)
- [Spatial Change and Spatial Interaction Modelling](#)
- [Climate Change Impacts and Adaptation: Analysis and Monitoring Techniques for Climate Change](#)
- [Large-Scale Process Modelling and Data Assimilation](#)

For the complete list of all ITC courses, please check the [ITC Course Finder](#)

ALUMNI GATHERINGS

Meet old friends and ITC staff and make contact with fellow alumni in your country.

Upcoming alumni gatherings

Monterrey, Mexico

UT Alumni Meet

27 November 2010

[More information](#)

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MEET US AROUND THE WORLD!

Come to our booth and meet ITC staff.

India

Geospatial World Forum

18-21 January 2011, Hyderabad (India)

[More information](#)

LIBRARY BLOG

ASPRS JOURNAL SEEKS APPLICATIONS ARTICLES AND PROPOSAL FOR SPECIAL ISSUES

The Editorial Team of *Photogrammetric Engineering & Remote Sensing (PE&RS)* has been working hard to better meet the needs of our readers. In response to member feedback, we want to have an "**Applications**" article published in every issue. "Applications" papers will emphasize a specific application or practical aspect of our profession and will be reviewed using slightly different criteria than the other peer-reviewed papers. The review of our other papers includes evaluating if the method or technique presented is new or innovative.

[Read more](#)

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UNIVERSITY OF TWENTE.

FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

E-NEWSLETTER FOR THE ITC ALUMNI COMMUNITY
ITC UPDATE - ISSUE 2010-12

Dear All,

On Friday 17 December ITC will celebrate its 60th Dies Natalis. We will listen to speeches of ITC Rector Tom Veldkamp exploring ITC's Future and Dr. Watson's Oversight by former Minister for Development Cooperation Jan Pronk. Boudewijn de Smeth will bring back memories with his story about the ITC Building in Delft and Emeritus Professor Herman Verstappen will be recalling the early days of ITC after 60 years of success. As interlude ITC students from Rwanda will perform the Kinyarwanda Dance. As you can see a full programme for this years Dies celebration.



Since two weeks winter has covered ITC and Enschede with snow and everyone has to get used to the low temperatures again. In December also the holiday season has started in many parts of the world.

Therefore I send season's greetings to all of you across the world and I hope we meet again in good health and happiness in 2011.

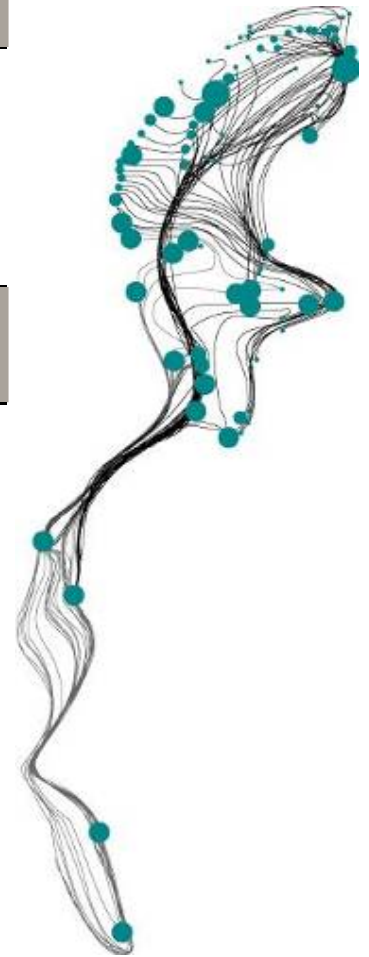
Kind Regards
Jorien Terlouw

ITC HOSTS EAGE STUDENT LECTURE TOUR ON "GEOLOGICAL STORAGE OF CO₂"

Capturing CO₂ at large industrial plants and storing it underground in deep geological layers is a top priority in the race to significantly reduce atmospheric emissions of greenhouse gases (GHG), thus helping to mitigate climate change and ocean acidification. By storing CO₂ underground, the carbon released through burning coal, oil and gas is returned back to where it was extracted, rather than released into the atmosphere. The lecture will be given by Drs Henk Pagnier. Henk Pagnier is manager of the Department of Sustainable Geo-Energy within TNO.

[A live streaming video](#) of the lecture is available on 12 January

[Read more](#)



SCHOLARSHIP OPPORTUNITIES EMMA (ERASMUS MUNDUS)

EMMA stands for Erasmus Mundus Mobility for Regional Asia and is part of the Erasmus Mundus External Cooperation Window.

The Erasmus Mundus External Cooperation Window (EM ECW) is a cooperation and mobility scheme in the area of higher education cooperation. The EMMA programme provides funding opportunities for students, researchers and academic staff to take part in 'mobilities' between the Asian target group countries and the EU.

DEADLINE: 7 JANUARI 2011

[Read more](#)

NANC NEW YEAR'S DRINK

The year 2010 is a very special year for the Netherlands Alumni Network in China (NANC). Thanks to five years of great support from Nuffic, Dutch partner universities and companies, NANC has become an important official Dutch alumni network in China.



NANC takes pleasure in inviting you to attend an informal gathering in January 2011. Meet old friends, NANC members and the local Dutch community.

[Read more](#)

GIM INTERNATIONAL – WEB 2.0



Want to easily stay updated on news, follow discussions and meet fellow professionals online? [GIM International](#), the global magazine for Geomatics, gathers professionals in land surveying, GIS, photogrammetry, remote sensing, Lidar, cartography and GPS/GNSS in social media like [LinkedIn](#), [Facebook](#) and [Twitter](#). Join our groups and get informed on the latest news and developments in

Geomatics.

UPCOMING DISTANCE EDUCATION COURSES

The deadline for application for several Distance Education courses is almost due

- [Distance course in Geostatistics and Open-Source Statistical Computing](#)
- [Hyperspectral Remote Sensing](#)
- [Systems Analysis and Modeling](#)

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India

Geospatial World Forum

18-21 January 2011, Hyderabad (India)

[More information](#)

LIBRARY BLOG

POPULATION OF AFRICAN CITIES TO TRIPLE

African city populations will more than triple over the next 40 years, warns [UN-HABITAT's new report](#).
(24 November 2010)

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17 12 2010