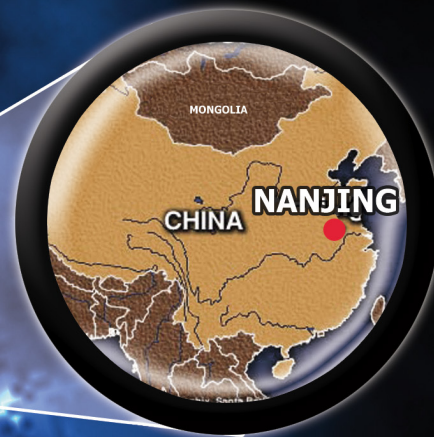


NewsLetter

Issue No. 1, Vol. 2 – Winter 2008



3rd SC Summer School

SC interviews the GRASS-GIS users

2nd ISPRS Youth Forum in Beijing

Editor's Corner

Welcome all ISPRS SC Newsletter readers!



As you noticed there are some changes in appearance of this second issue of ISPRS SC Newsletter. Since first issue was realised our team is growing and every day we are gaining more and more experiences. Hope you will like the new Newsletter design. From new things: Nikos prepared a very interesting interview about the GRASS-GIS application. In this issue you can also find more information about the **Summer School in Nanjing, China 2008**. Hope you will enjoy reading it!

Krzysztof Stereńczak, Editor in Chief

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[ISPRS SC Yahoo Group](#)

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Announcements

3rd Student Consortium Summer School

This year's 3rd Student Consortium Summer school will be held in **Nanjing, China, from June 26th to July 1st, 2008**. This summer school invites internationally renowned professors to give lectures about basic theory, applications and also frontier problems of 3-D geospatial data acquisition, modeling, administration and representation. It will be a great opportunity for participants to acquire knowledge and discuss problems they encountered during research work with experts in this field. There will also be practical aspects such as software use for further analysis. Furthermore, the summer school provides a pleasant atmosphere for all participants in form of a reception party, technology visit, excursion and social events, which will foster a relaxed atmosphere and interesting discussions.

[Read more...](#)



Second ISPRS Youth Forum (July 5-6, 2008, Beijing)

The Youth Forum is a dedicated special ISPRS Congress activity under the auspices of Technical Commission VI “**Education and Outreach**” and in particular the WG VI/5 “**Promotion of the Profession to Students**” and the related ISPRS Student Consortium. It is organized for the second time during an ISPRS Congress and aims to provide a platform for young scientists to present their scientific work, meet with senior scientists and professionals, discuss organizational matters of the Student Consortium, exchange cultural experiences and promote mutual understanding and friendship.

[Read more...](#)

Free and Open Source Geospatial Applications

In its first attempt to dedicate a part of the newsletter to the **Open Source sector** in the field of geospatial applications, the ISPRS Student Consortium interviewed the GRASS user mailing list to learn about the GRASS-GIS application itself and its community based concept.

More open-source tools handling geospatial data will be covered in the future through various sources of information spread on the internet.

[Read more...](#)

Reports From Past Events

The **32nd International Symposium on Remote Sensing of Environment, San Jose, Costa Rica, 21-29 June 2007**

A two day ISPRS Student Workshop was conducted by Alessio Cantone of SARMAP SA, Switzerland (www.sarmap.ch) on the 21st and the 22nd of June focusing on the processing of radar data. SARMAP kindly provided apart from the lecturer, Alessio Cantone, also software and data for practical labs. Other workshops followed on the 23rd and the 24th which included Unoccupied Airborne Systems, Synthetic Aperture Radar, Wetlands Education, Waveform Recording Lidar and TerraSAR-X SAR.

The 32nd International Symposium on Remote Sensing of the Environment (ISRSE) took place in San Jose, Costa Rica on the 25th – 29th of June 2007, with a theme entitled “Sustainable Development through Global Earth Observations”. Participation included students mainly from Central and Southern America and also Spain, Turkey and South Africa.

[Read more...](#)

ISPRS WG VI/5 Activities

Promotion of the profession to students

Annual report 2007 and future plans

[Read more...](#)

Studies and Practical Work for Students

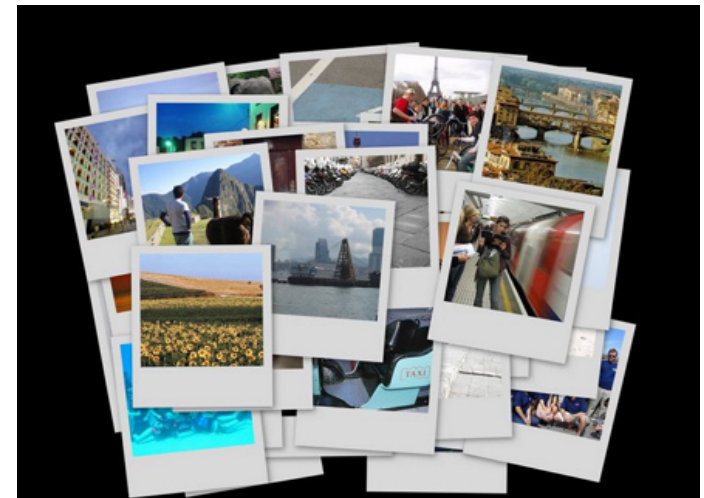
This column of the Newsletter will serve as a guide for students who intend to go for studies or internships abroad. In every issue we will search for some new opportunities on different faculties, schools and other learning programs around the world.

We hope that we provide useful information to assist students on their search for the “correct” learning program.

UNIGIS International is a worldwide network of educational institutions which offer **distance learning courses in GIS**. Institutions within the UNIGIS network offer internationally recognised qualifications for GIS professionals and those seeking to enter the field. For information about courses available near you please contact the central UNIGIS Office [here!](#)

Penn State World Campus calls for application in **Master of Geographic Information System**. This master is designed for working professionals aspiring to leadership positions in the field and wishing to pursue a world-class master’s degree online. Learn from respected leaders in the field! For more info click [here!](#)

School of Geography, University of Southampton is offering **postgraduate opportunities** for the forthcoming session of Remote Sensing and Spatial Analysis Topics. For entry in October 2008, the school is funding up to 6 three year Mphil/PhD research studentships. The closing date for application is 30 April 2008. How to apply check [here!](#)



ESRI is inviting to join **ESRI Virtual Camp**, where we can acquire **Annual User Licenses** at a reduced price to provide training in your organization for one year. This one-year license entitles an organization access to all Virtual Campus courses. In addition to courses authored exclusively by ESRI, this license includes courses authored by experts outside ESRI. For more info click [here!](#)

Interesting links

In this issue we will recommend links to these websites:

GIS development – The geospatial resource portal
<http://www.gisdevelopment.net/>

GEO community – The premier portal for geospatial technology professionals
<http://www.geocomm.com/>

Directions Magazine – The worldwide source for geospatial technology
<http://www.directionsmag.com/>

Geospatial solutions – GIS and mapping
<http://gismap.geospatial-solutions.com/>

EARSeL - European Association of Remote Sensing Laboratories, Educational Resources
http://las.physik.uni-oldenburg.de/projekte/ears_edu/english.html

Elearningeuropa.info – Promoting innovation in lifelong learning
<http://www.elearningeuropa.info/main/index.php?lng=en&page=home&service=5>

CEOS – Working group on education, training and capacity building
<http://www.ceos.org/pages/subs.html>

If you would like to learn how to use polarimetric RADARSAT-2 SAR images for building GIS layers, go to: <http://extend.unb.ca/oalp/courses/for4304.php>

Future ISPRS related events

IFGI Spring School 2008

Muenster, Germany; 2-15 March 2008.

More: <http://ifgi.uni-muenster.de/springschool/>

EARSeL Joint Workshop

“New Challenges of High Resolution”

Bochum, Germany; 5 - 7 March 2008

More: <http://www.sig-urs-2008.de/>

3D Forum Lindau

Lindau, Germany, 11 - 12 March 2008

More: <http://www.3d-geodaten.de/>

2nd EURAC Workshop

Applied Remote Sensing in Mountain Regions in Bolzano, Italy, 13 - 14 March, 2008

More: <http://www.eurac.edu/>

International School on LiDAR Technology

Kanpur, India, 31 March - 4 April 2008

More: http://home.iitk.ac.in/~blohani/LiDARSchool2008/for_participants.html

11th AGILE conference

Geographic Information Science & Workshop on Geo Visualization, Girona, Spain, 5-8 May 2008

More: <http://geoanalytics.net/GeoVis08/>

International Summer School

“3D Modeling in Archaeology and Cultural Heritage”, Ascona, Switzerland, 9 - 14 May 2008

More: <http://www.3darchaeology.org>

6th Taipei International Digital Earth Symposium

in Taipei, 15 - 16 May 2008

More: deconf.pccu.edu.tw/2008/en-info.htm

IT NEWS

For those who want to know what is new in space of softwares; in every issue we will present some new programs which support spatial material. In this edition we are introducing you those two programs:

CLARK LABS

Clark Labs is dedicated to the research and development of geospatial technologies for effective and responsible decision making for environmental management, sustainable resource development and equitable resource allocation. Clark Labs is best known for its flagship product, the IDRISI GIS and Image Processing software. Environmental managers and researchers benefit from unsurpassed range of geospatial information. To learn more, visit:



GEOGRAPHIC CALCULATOR 7.0

The most powerful and popular coordinate conversion tool available today now offers new tools for enterprise wide data management to enhance your geospatial projects. These tools extend the power of the Calculator to enable geospatial data definition, manipulation and management across the user's organization. Manage your mapping data easily; accurately and quickly with the tool that more companies depend on the make certain they have to correct data. To learn more, visit:



Other INFO

ArcGIS Service Pack 4 Out Now

ESRI has released ArcGIS 9.2 [service pack 4](#)

3001 Acquires Optech and Leica Sensors

3001 has announced the purchase of an Optech Airborne Laser Terrain Mapper (ALTM) Gemini 167-kilohertz topographic LiDAR sensor, equipped with Multipulse technology and Waveform Digitizer.

[More...](#)

TopoSys Virtually Eliminates Calibration Flights For Aerial LiDAR Surveys

TopoSys has virtually eliminated the need for calibration flights or “Boresighting” for aerial LiDAR surveys with their line of LiDAR sensors which are highly stable, completely integrated, turn-key systems of IMU, GPS, LiDAR sensor and digital imaging systems.

[More...](#)

[more at next page...](#)

Safe Software Introduces Free FME FDO Provider for AutoCAD Map 3D 2008.

Safe Software has introduced a free FME FDO Provider for AutoCAD Map 3D 2008. Map 3D users now have a way to access nine popular import formats from directly within the application's Data Connect dialog box.

[More...](#)

Book "People and Pixels"

[Read online](#)

Interesting portal:



ESRI's ArcPad 7.1 Mobile GIS Software Now Available

ArcPad 7.1 and ArcPad Application Builder 7.1, the latest versions of ESRI's mobile GIS software for data collection and field mapping applications, have been released.

[More..](#)

RADARSAT-2 Launched & Deployed

MacDonald Dettwiler and Associates Ltd (MDA) (Canada) has successfully launched and deployed of RADARSAT-2.

[More...](#)

Free and Open Source Geospatial Applications

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More open-source tools handling geospatial data will be covered in the future through various sources of information spread on the internet.

The ISPRS Student Consortium interviews the GRASS-GIS user mailing list: An open-interview (like open-source) with developers and users of the GRASS-GIS software

What is this about?

It is about an interview with users and developers of the famous open-source GRASS-GIS software. This interview was open for all the members of the GRASS-user mailing list since it was directed as an ordinary post to the mailing list and not to a specific person (posting date: Wednesday, 09.01.2008 at 01:26 CET).

It was rather an attempt to acquire some first impressions about GRASS-GIS, about how the GRASS user list interacts and its status in the field of geospatial applications at a global scale.

The experimental character of this interview lies on the fact that only 5 days were given to the members (deadline was set to Sunday, 13.01.2008 at 12:00 CET) of the questioned mailing list with the ambition of gaining some of the member's free time.

The seven voluntary complete responses reflect some aspects of the GRASS user community.

What is GRASS?

Taken from its official webpage, "GRASS (Geographic Resources Analysis Suport System) is an open-source Geographic Information System (GIS) used for geospatial data management and analysis, image processing, graphics/maps production, spatial modelling and visualization. GRASS is currently used in academic and commercial settings around the world, as well as by many governmental agencies and environmental consulting companies".

Hopefully you will enjoy this interview as much as we did and find some answers to satisfy scientific curiosity and experimental spirit.

Herewith we also express our gratitude to the GRASS user mailing list and especially to its following members for their participation: Mr. Dylan Beaudette, Dr. Peter Loewe, Mr. Vishal Mehta, Mr. Daniel Victoria, Mr. Markus Neteler, Mr. Malte Halbey-Martin, Mr. Carlos Henrique Grohmann-Guano. Many thanks to Sara Pinto Herranz for correcting the texts.

Thank you,

ISPRS Student Consortium/ Newsletter Editorial Board

[Click here to read whole interview...](#)