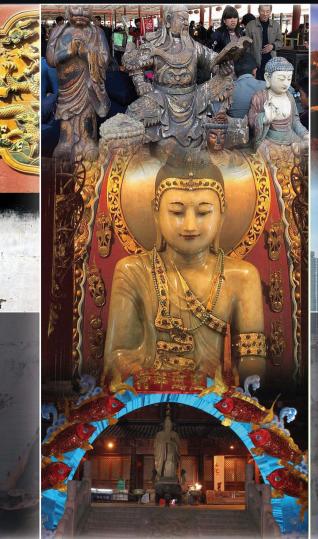# News Letter

ISPRS Student Consortium

Using the CORINE land cover with GRASS – GIS

Summer School and Youth Forum Program

China – story for a traveler

isprs
information from imagery

## Editor's Corner

**Welcome all ISPRS SC Newsletter readers!**

Welcome to the second issue of ISPRS SC Newsletter in 2008. This time you can find more information about ISPRS SC 3rd Summer School in Nanjing, 2008. Information on Youth Forum and WG 5 Workshop programs are provided – ISPRS Congress activities are included also. Nikos has prepared an interesting article using CORINE2000 land cover data with GRASS-GIS software. As always there is information about different study possibilities and other events so we hope there is something for everyone.

## Crew

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**To join our global mail group and receive newsletter issues**
ISPRS SC Yahoo Group

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Let's Come Together to Make The World Smaller and Smaller, While Enlarging and Powering Our Student Consortium Network!!

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JOIN US!!!

## Announcements

### ISPRS Summer School 2008 Schedule

As you all know the third ISPRS Summer School is organised for Nanjing, China. It will officially begin on Friday 27th of June, 2008. The Opening Ceremony will be held in association with the 2nd Doctor Forum of GIS. The president of Nanjing Normal University will introduce the university and the main laboratory for Geography Information Science. Welcoming greetings will be given by the chairman of 3rd Summer School Committee, Professor Zhu Qing and Professor Tang Guoan. The ISPRS representatives: 2nd Vice President Professor Emmanuel Baltsavias, WG VI/5 chair-woman Mojca Kosmatin Fras and SC student coordinator-in-chief Cemal Őzgür Kıvılcım will address the participants and present the student activities and the role of summer schools under ISPRS.

*Read more...*

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**ISPRS Congress in Beijing: Youth Forum Session**

For full program click *here*.

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## Free and Open Source Geospatial Applications

**Using the CORINE2000 land cover/land use data base with GRASS-GIS under Ubuntu-linux 8.04**

The following demonstration shows how to use information from the CORINE2000 land cover data base with GRASS-GIS under the Ubuntu-linux operating system. It attempts to create a smooth transition from using a graphical user interface (GUI) at the beginning to using a command line interface for the ramaining part of the exercise.

*Read more...*

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## China - Story for a traveler

China isn't a country - it's a different world. Curator of the world's oldest continuous civilisation, China takes you back in time at every turn. But it is not just a museum of imperial relics, the frisson of development within China has created some of the world's most evolved cities propeling the country on with a forward thinking dynamism. From the shopping metropolises to the desert landscapes, it is a land of geographic and cultural schisms.

The next article offers you some of the basic information about China as well as some really interesting facts about the hosting country of this year's ISPRS events.

*Read more...*

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## Reports From Past Events

### 1st ISPRS Summer School 2005, Istanbul

The planning and realisation of the first ISPRS Summer School (SS) has been one of the main goals for SC during the first year of its inception. This event took place at Istanbul Technical University's Maslak campus during 19-26 of June and it was arranged in cooperation between SC Student Coordinators and the Local Organising Committee consisting of Turkish students. Altogether almost 50 students registered for our meeting, of which 39 students attended from 11 different countries. The furthermost guest came all the way from Australia (University of Melbourne).

*Read more...*

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## ISPRS WG VI/5 Activities

**ISPRS Congress in Beijing: WG VI/5 Session - Promotion of the profession to students**

*Read more...*

**For the complete Scientific Program of 21st ISPRS Congress in Beijing click *here***

**ISPRS WG VI/5 and SC: What is going on?**

In our previous newsletter and from the webpage of the ISPRS WG VI/5 and ISPRS SC, you have already received some basic information on our activities in the previous years. The main goal of the WG VI/5 and the SC is to bring the ISPRS activities closer to students and young professionals and to encourage them to be active in the Society. The new ISPRS WG VI/5 team as well as members of the ISPRS Student Consortium, which has been formed during the last two to three years, seams to work very well...

*Read more...*

## Studies and Practical Work for Students

This column serves mainly as a guide for the students who are thinking or actually are willing to go studying or doing practical work abroad. We have again searched for new opportunities in different faculties, schools and other learning programs all over the world in order to encourage as many as possible students to take new steps towards new horizons.

**The Universities of Leeds and Southampton, United Kingdom**, have joined forces to deliver accredited distance learning programmes in GIS direct from their Virtual Campus. They are offering  a distance study for a **postgraduate degree in Geographical Information Systems**. Their international GIS courses are tailored to meet a wide range of requirements covering areas of specialization as diverse as business, environment, health and planning. For more info click *here*

**Simon Fraser University** from **Canada** offers an excellent environment for research and graduate studies. The institution is home to a variety of world-class research facilities, innovative programs, and world-renowned scholars. It's Faculty of Aplied Science is cooperating between the School of Computing Science and the Department of Geography and are offering the program in **Geographic Information Science**.
To get more info click on this *page*.

**Hochschule für Technik Stuttgart** welcomes all individuals who are interested in an International **Master Course of Photogrammetry and Geoinformatics**. This course offers a Master of Science degree which requires a 18 month course of study and research with two semester of lectures and examinations and six month's full-time research work presented in a thesis.
*More...*

**Charles Sturt University** from **New South Wales, Australia** is offering a **Master's Degree, Graduate Diploma** or **Graduate Certificate in GIS and Remote Sensing.** CSU's postgraduate courses contain a high level of technological contents designed to furnish research and practice in a variety of industries.
*More...*

## Interesting links

**In this issue we are recomending these links:**

**Global Spatial Data Infrastructure Association** - an inclusive organization of organizations, agencies, firms, and individuals from around the world.
Visit: http://www.gsdi.org

**GIS Monitor** - weekly electronic newsletter of geospatial informations.
http://www.gismonitor.com/

### RESOURCES:
**ERSC Material**, by Environmental Remote Sensing Center Unniversity of Wisconsin - Madison.
http://www.ersc.wisc.edu

### TUTORIALS, PROCEEDINGS:
**TerraLib** is a GIS classes and functions library, available from the Internet as open source.
http://www.terralib.dpi.inpe.br/

### JOURNALS:
**ISPRS Highlights** - the official bulletin of the Society.
http://www.isprs.org/publications/highlights.html

**RSPSoc** - The Remote Sensing and Photogrammetry Society Publications:
http://static.rspsoc.org/publications/index.htm

### FREE SOFTWARE - GIS, CAD:
**GeoCommunity** - the source for GIS and mapping software.
http://software.geocomm.com/

## Future ISPRS related events

**28th EARSeL Symposium & Workshops**
"Remote Sensing for a Changing Europe"
Istanbul, Turkey, 2-7 June 2008
http://www.earsel28.itu.edu.tr/

**FIG Workshop E-learning**
Enschede, Netherlands, 11-13 June 2008
http://www.itc.nl/fig_elearning2008/

**FIG XXXI General Assembly and Working Week**
Stockholm, Sweden, 14-19 June 2008
For more info click *here*

**Geoinformation Forum**
Yokohama, Japan, 18-20 June 2008
http://www.jsurvey.jp/eng-geoforum2007.htm

**The 5th International Conference in Information Technology and Applications**
Cairns, Australia, 23-26 June 2008
http://www.icita.org/

**1st International Conference on Machine Control & Guidance**
Zurich, Switzerland, 24-26 June 2008
http://www.mcg.ethz.ch/

**3rd ISPRS Summer School**
Nanjing, China, 26 June - 1 July 2008
http://www.njss2008.net/

**Youth Forum** during the ISPRS Congress
Beijing, China, 5-6 July 2008
http://www.isprs2008-beijing.org/forum_youth.htm

## IT NEWS

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

**DEF:NIENS**
Understanding Images

Definiens technology emulates human cognitive processes to extract information from images. The technology works with all modern remote sensing instruments mounted on satellite and aerial platforms to deliver automated feature extraction. By correlating image analysis with other geospatial information, Definiens enables organisations to generate accurate GIS-ready information for infrastructure planning, natural resource management, defense and security.
Click *here* for a free trial.

LizardTech
**ExpressSuite**

GeoExpress, Spatial Express and Express Server work together for a complete solution: with the ability to manipulate and compress images with GeoExpress, store them in Oracle Spatial with Spatial Express, and distribute them using Express Server to quickly get your images into the hands of the decision makers who need them.
Keeping a competitive edge increasingly requires interoperability among the technologies and services that your organization uses to get work done. Having tools that are designed to work with each other at every step along your workflow is the key to transforming your satellite and aerial image data into products that people use. Storing, manipulating and distributing your imagery calls for familiar tools that work seamlessly not only with each other but also with protocols and applications in the larger geospatial ecosystem.

LizardTech's Express Suite offers just such a set of tools for geospatial imaging.

## Other INFO

### Summer School Bulletin

The ISPRS 3rd Summer School is known by more and more students and it's theme "**Acquisition, processing and representation of three-dimensional geospatial information**" is of interest to many researchers who engaged in these fields. As of time of writing, 59 scholars and students from all over the world have registered successfully for the ISPRS 3rd Summer School. Most of the participants are from European countries like Slovenia, Croatia, Turkey, Poland, Germany, Switzerland, Bosnia and Herzegovina, Romania and Hungary. Others are from Asian countries like Korea, Japan, Malaysia, Iran, Thailand and China. There are also participants from America. The name list of participants is definite and about half the participants will take part in ISPRS Congress held in Beijing.

### OGC Approves KML as Open Standard

The members of the Open Geospatial Consortium, Inc. have announced the approval of the OpenGIS® KML Encoding Standard (OGC KML), marking KML's transition into an open standard which will be maintained by the OGC. Developers will now have a standard approach for using KML to code and share visual geographic content in existing or future web-based online maps and 3D geospatial browsers like Google Earth TM .
http://www.opengeospatial.org/standards/kml/

### Google Earth 4.3

The release of Google Earth 4.3 brought about some new changes in the user experience of this global data viewer. Users now have an easier way to navigate with scale dependent navigation controls. When navigating at a small scale, the standard pan and zoom controls are available to the user.
Visit: http://earth.google.com/

### Free TerraSAR-X Data for Download!

With the start of the operational TerraSAR-X Services earlier this year, Infoterra has concluded the data acquisition process for data applied for during the TerraSAR-X promotional campaign. Unfortunately, not all desired scenes – including your application – could be recorded during the calibration phase. Nevertheless, we would like to provide you with an attractive set of sample data of various places around the world which you are welcome to pick up from the following site:
http://www.infoterra.de/tsx/freedata/start.php

### The 3rd Nordic Summer School

The Nordic Summer School is a major activity organized by the NordGISci network. It is intended to provide a series of advanced workshops for young researchers. By young researchers we mean PhD students, licentiate students, and new postdoctoral researchers (PhD within 3 years). The workshops will be instructed by some leading researchers in the emerging field of Geographic Information Science. Young researchers from Nordic and Baltic countries, as well as from North Western Russia, are eligible, and therefore encouraged to apply for admission to the school. For those selected, we will provide full financial support including travel, accommodation and course materials.
Read more: http://www.hig.se/~bjg/NordGISci2008/index.html