

NewsLetter



Issue No. 3, Vol. 2 – Special Issue (ISPRS 2008 Congress)



Spotlights – Promotion of the Profession to Students

Review of Student Related Past Events

Useful Info for Students



ISPRS SC Newsletter Special Issue

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ISPRS Student Consortium Newsletter is published every quarter of the year in digital version available on this page:

<http://www.isprs-studentconsortium.org/>.

This printed version is a special issue, made to present our wider work.

To join our global mail group and receive newsletter issues [ISPRS SC Yahoo Group](http://groups.yahoo.com/group/isprs_sc_yahoo_group/)

http://groups.yahoo.com/group/isprs_student_consortium/

Editor's Corner

Welcome all ISPRS SC Newsletter readers!

Since the first youth activities in Istanbul Congress in 2004, ISPRS Student Consortium provides a link between the scientific and technical world and fills the gaps between the generations of the society. Although a short time for such a global network, students and young professionals from all around the world - so far more than 30 countries - gathered together under ISPRS SC, believing that they are the keystones for a more sustainable environment and a better World.

Within four years, many students and young professionals have benefited from being part of ISPRS SC. The first activities of the youth forum in the previous Congress program has become an official part of the ISPRS Congresses and Beijing youth forum with technical oral and panel sessions, panels, SC assembly will take place. In recent years youth focused ISPRS Workshops and Summer Schools have taken place. At these workshops specialised topics provide a meeting point for the young scholars to learn more from the World's leading experts. Our active mailing list of the SC and the official web site are opening new opportunities for the members of the Student Consortium, for example, free educational and technical materials, job and training announcements, discussion boards and much more... The periodic newsletter of the SC prepared by its members has been a key tool for news and synchronising the knowledge from around the world.

We believe, the number of increased volunteer members to support the backbone of SC activities and Regional Coordinators who aim to increase the efficiency of the SC are the best clues that day by day the interest to SC increasing and reaching to more individuals. In the coming years, we hope to see a continued growth in membership within the Student Consortium.

Krzysztof Sterenczak, Editor in Chief and
Cemal Özgür Kivılcım, Student Coordinator in Chief

Table of contents

- 3 SPOTLIGHTS**
 - Student Consortium
 - Aims and Future
 - Promotion of the Profession to Students
 - Expectation to the Student Consortium
 - A Coordinator's Eye
 - A Great Start, A Long Way to Go
- 7 STUDENT RELATED PAST EVENTS**
 - Review
- 9 STUDIES AND PRACTICAL WORK FOR STUDENTS**
 - Opportunities for studying abroad
- FUTURE ISPRS RELATED EVENTS**
 - Calendar of forthcoming events
- IT NEWS**
 - Internet technology news
- 10 INTERESTING LINKS**
 - Want to know where, what and how?
 - Check it out on the wall of interesting links...
- 11 OTHER INFO**
- 12 SC THANKS**
- 13 INVITATION**



Information from Imagery



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

JOIN US!!!

The ISPRS Student Consortium has been in existence for four years. During this time people from Australia to Finland, South America to Middle East, students and young professionals have established an excellent working network. In this text we would like to introduce ourselves. Lets go then back to the beginning.

ISPRS Student Consortium (SC) was founded during the ISPRS Congress in Istanbul under the Commission VI / WG 5 with the motto "Promotion of Profession to Students".

Our mission was (and still is):

"Student Consortium provides a platform for exchange of information and organize student-specific events either independently (e.g. summer schools) or within larger ISPRS events. The Student Consortium is an important connection between students and ISPRS's professional activities, way to get students familiar with and interested in ISPRS activities. All the advanced diploma students and young researchers doing their Master or PhD studies in ISPRS field can join along."

The first major activity of ISPRS SC was the first Summer School in Istanbul in 2005. After this summer school the major coordinators and local students who were involved in the organization of the summer school continued with their activities with different timelines.

The next important ISPRS SC event was the second Summer School in Slovenia in 2007. The inaugural members became less active during this two years period, on the second SS a new team and organizational structure were established. Students from local groups and members filled in the existing and new positions of the ISPRS SC.

Regarding the new structure such activities as SC Newsletter, new SC Webpage and Regional Coordinators positions were established. Coordinator-in-Chief is still a head of the whole organization, but his role becomes more managerial.

In 2007, the first issue of ISPRS SC Newsletter was published. The electronic newsletter is a product of international cooperation between the members within the SC. It is a main medium for ISPRS SC communication and promotion.

In 2008 next important event is planned. The third Summer School will take place in Nanjing, China, 27 June – 1 July 2008. There are more than 50 participants from around the world registered.

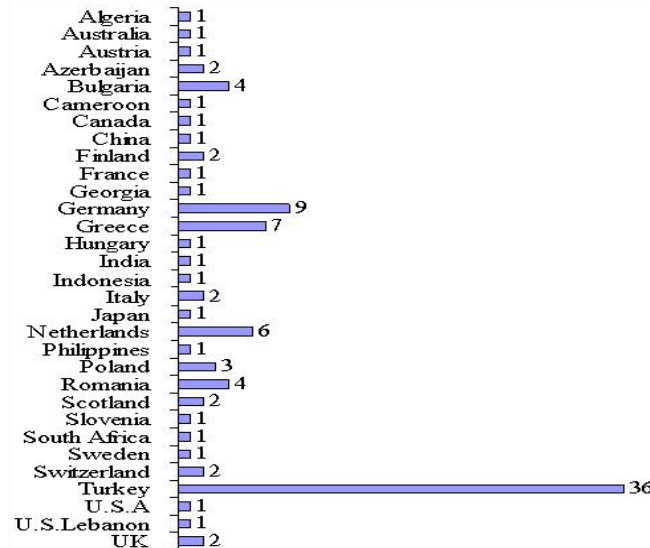


Figure 1. Distribution of SC Members among the countries, 2006

Without any doubts, the benefits of the SC are important for two reasons; young professionals and the organization. All those ideas below are covered:

- Provide exchange of information,
- Integration with profession,
- Connect people and groups with similar interests,
- Help to solve problems and take powerful acts and decisions,
- Create bridges between people, communities and International Organizations.

Intensive promotional work of the WG VI/5 and the Student Consortium through different events and activities, presented above, have resulted in a very rich student - related programme prepared for the ISPRS Congress, Beijing, 2008. One complete day (5th July) is dedicated to the Youth Forum (YF), containing four technical sessions and poster session (around 90 papers altogether). After which a panel session will be carried out. Its title is: "How to get involved in the society and enter upon a successful career for young professionals". For the end a student excursion to the Great Wall will be organized (6th July).

During the Congress WG VI/5 and the Student Consortium will make a promotion at the booth within the Technical Exhibition area. Do not forget to meet us there.

If you would like to join us, join a world wide network of friendship relation with other young researchers from around the World. Just find us during the ISPRS Congress or go to our web page

<http://www.isprs-studentconsortium.org>

We are waiting for you!

The Student Consortium (SC) is not only a promotion for students but also a bridge between the future members of the society. With the establishment of SC, the lifecycle of a member of ISPRS has the chance to start earlier with ISPRS SC. Anyone who is interested in it and who wants to actively participate in the scientific and technical activities of ISPRS, technical commissions and working groups, it is a good start to begin first with the SC. All young researchers which would like to work with us, spread and improve our network are welcome.

As SC expands and provides a basic step to entering ISPRS society, new working group members, officers and future Councils of ISPRS could be expected from today's student members.

This structure presented in Figure 2 still needs to be developed. We need to work on it and without doubt the organisation requires new energetic volunteers to make it happen.

Future aims are as follow:

1. Establish a network covering the whole world and find suitable Regional Coordinators on each continent which will be able to motivate their local structure to be active in ISPRS development.
2. Establish a ISPRS SC web forum and server which will be our "window for world" and makes our communication easier.
3. Improve our Newsletter, to make it interesting for students from around the world.
4. Organize first ISPRS SC conference, where young researches will present their works and get experience for future professional career.

Do not hesitate to contact any of our regional Coordinators. You will be really welcome and we hope, like we do, you will enjoy our activities. If you think that this is a challenging topic for you, do not wait just, **JOIN US!!!**

Promotion of the Profession to Students

The main purpose of the ISPRS WG VI/5 is stimulation to scientific and research work, and promotion of the ISPRS profession to talented graduate, post-graduate students and young researchers. It presents the main link between students from different countries and ISPRS. The working group offers support to student coordinators of the Student Consortium (SC), both parts working very closely together. Thus, the structure and work of the WG VI/5 differs in some way from the other ISPRS working groups.

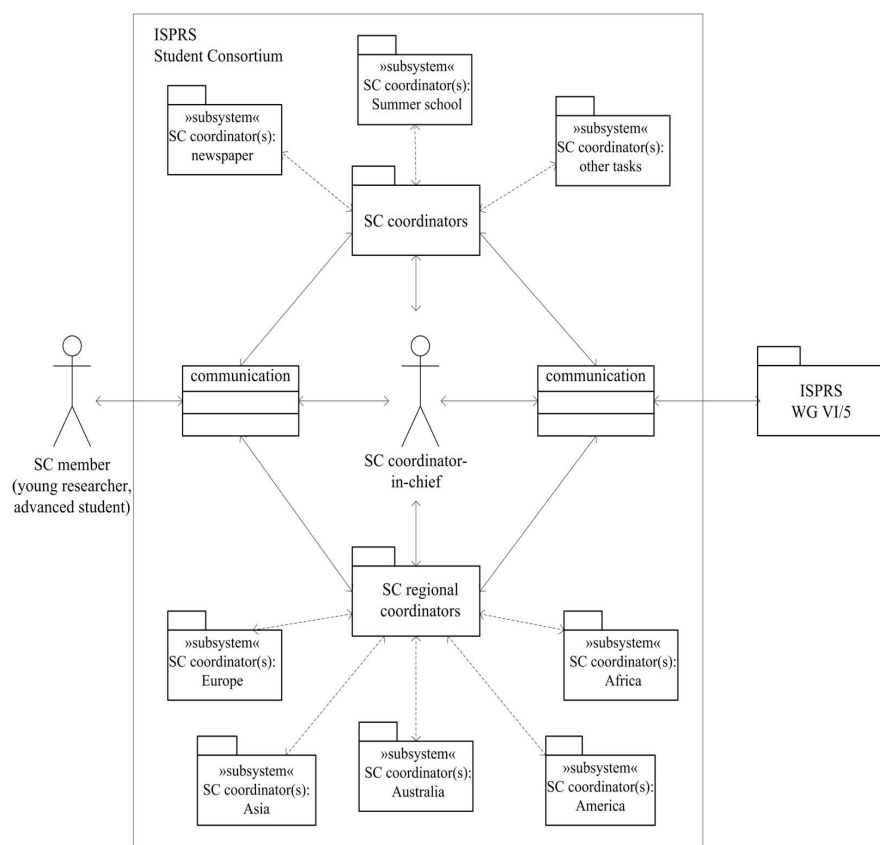


Figure 2: The developed organizational structure of the SC, authors: A. Liseć and M. Kosmatin Fras.

The Working Group VI/5 Promotion of the Profession to Students and hence the Student Consortium was founded during the ISPRS Congress 2004 in Istanbul under the ISPRS Technical Commission VI Education and Outreach. General focus and objectives of the working group have been defined and summarized in the Terms of Reference as follows:

- Promotion and support of international student activities including the ISPRS Student Consortium.
- Encouragement of active participation of students, especially undergraduate students, in ISPRS events and promotion of reduced fees and stipend for their participation.
- Collection and maintenance of a database on persons who are involved in the promotion of the profession to students, including the members of ISPRS Student Consortium and educators.

In the four year period (2004-2008) many positive results have been achieved together with the Student Consortium. The most important are organization of three summer schools (Istanbul, 2005; Ljubljana, 2007; Nanjing, 2008), edition of SC Newsletter, formation and maintenance of WG VI/5 and Student Consortium web pages, establishment of SC membership network, and development of student related programme for the Congress in Beijing, 2008.

University Professors, assistants, researchers and other professionals, who have regular contacts with young people studying in the ISPRS related fields, are warmly invited to become members of the WG VI/5. Joining the working group, you will regularly receive collected information on the ISPRS activities for students and you will be asked to promote these activities to students and young professionals.

Please, visit the WG VI/5 webpage:

<http://www.commission6.isprs.org/wg5/>

and contact the working group leading team to get additional information:

Mojca K. Fras, WG VI/5 chair, e-mail: mfras@fgg.uni-lj.si

Zhu Qing, WG VI/5 co-chair, e-mail: zhuq66@263.net

Anka Lisec, WG VI/5 secretary, e-mail: alисec@fgg.uni-lj.si

In 2004, when I was preparing for my travel to Istanbul to attend the ISPRS Congress, I received an e-mail from Prof. Rahmi Celik of Istanbul Technical University. He was preparing to organize the Young Forum (YF) at the Congress, and asked me to give a talk at the YF session as the new coming TC VI President. I accepted. When I arrived at the Congress place, Rahmi and more than 10 students from various countries who were working for YF came to the TC VI office and asked me to set up a student organization under TC VI. We discussed several hours on why do we need and how to set up such an organization within ISPRS. The students were very enthusiastic. Finally, I agreed to work for them. At the panel discussion of YF, the students, young researchers, Council members and myself exchanged ideas on this issue and the Council agreed to set up a student organization under TC VI. Thus, the Student Consortium (SC) was set up as the first official student organization within ISPRS. We also setup WG VI/5 for supporting the activities of SC. Since then, SC has organized three summer schools, including the one organized in Nanjing just before the 2008 Congress, submitted a number of newsletters and expanded the membership world wide. After four years, some of the original members who did great jobs in the beginning have left SC. We say "they are graduated" and they are now good supporters of SC. How about the current status of SC? I can say that the Student Coordinators, namely Cemal Özgür Kivılcım, Krzysztof Stereńczak, Gregor Stavbar, Sultan Kocaman, Yong Zhang, Mohammed Elmontsar Eltahir and Kyaw Sann Oo are forming a very good team under the support of WG VI/5 chaired by Mojca Fras. The most important thing was that the SC members have made their own plans for SC. The energies of SC are willingness and curiosity of the members to serve for the international society. I am expecting SC to do something that the only younger generation can do and blow fresh winds to ISPRS. I have no doubt that the members of SC will be leading our society in the future. For the last, I would like to thank Manos Baltsavias (the Second Vice President of ISPRS), Rahmi Celik (WG VI/5 Chair 2004-2006), Mojca Fras (WG VI/5 Chair 2006-2008), Zhu Qing (WG VI/5 Co-Chair) and Anka Lisec (WG VI/5 Secretary) for their dedicated support to SC.

Kohei Cho, ISPRS Commission VI President

A Coordinator's Eye

Central America is a region with an amazing richness in terms of natural resources. In this region, we can find extremely biodiverse ecosystems both terrestrial and aquatic; some remarkable examples are the tropical rainforests spreading all throughout the region, starting in Panama up to Southern Mexico and the coral reefs in the Caribbean. Also of great importance in the region are the agricultural and forestry resources. Central America is a region where remote sensing applications are just beginning to show their great potential and it is here that the participation of a young enthusiastic group such as ISPRS SC can play a critical role in this development. The Central America SC members are eager to learn and explore new applications of remote sensing to the study an understanding of tropical ecosystems, to the development of sustainable food production and forest management strategies. As Central America regional coordinators, we will do our best to coordinate the initiatives and activities in this area and to contribute as much as possible to the development of new remote sensing applications in my region. We hope to aid contact between the countries in my region to combine successfully combine their efforts.

**Elena Lobo and Carlomagno Soto,
Regional Coordinators for Central America**

The ISPRS Student Consortium plays an important role in Australia as it allows the development of cross-regional networks between those with an interest and engaged in photogrammetry, remote sensing and the spatial sciences. Moreover, the Student Consortium acts as a support tool to discuss common interests and issues relevant to young researchers and professionals. Members benefit from sharing knowledge, increasing experience and growing ideas, and gain motivation from the enthusiasm of their peers. Having an active community of researchers in photogrammetry and remote sensing, Australia is bidding to host the 2012 ISPRS Congress. If successful, many youth activities will be held to support the ISPRS Student Consortium, as we recognize the contribution of youth to a sustainable society.

Joanne Poon, Regional Coordinator for Australia

A Great Start, A Long Way to Go



The ISPRS WG VI/5 and the Student Consortium have just 4 years of life. And in these 4 years, in spite of some initial difficulties and the great mobility of the students which makes stable organizational structures difficult, they showed remarkable achievements. The various summer schools and other educational/training activities, participation in international student organizations, establishment of a quite broad network of members and regional coordinators, set up of their WEB sites, start of the Newsletter, and broader activities in the Beijing Congress compared to the Istanbul 2004 Congress. WG VI/5 and SC are among the most active entities within the ISPRS Commissions, if not the most active. It is not by chance that the WG VI/5 Chair, Mojca Fras, will be honored in Beijing with the ISPRS President's Citation. The SC is here to stay and should improve its activities. Much more members should be recruited in the Americas and in Africa, with events organized also in these regions. A more formal and stable organizational structure should be established to ensure continuity and good coordination, however avoiding rigid and bureaucratic procedures which do not fit to the spirit of young people. SC should take more responsibilities, with the WG VI/5 providing rather supervision and advice. The WEB sites, Newsletter and other communication means should be enriched with more information valuable for students. Active soliciting of sponsors is needed to support student awards and participation in events, especially the Congress. These are just some examples for possible improvements. The SC should discuss about their future work during their general assembly in Beijing and take decisions.

On behalf of the ISPRS Council I would like to congratulate WG VI/5 and SC on their achievements and wish them great success in their Summer School in Nanjing and the Youth Forum activities, scientific and social, during the Beijing Congress. We look forward to a great 2008-2012 period and wish you all the best. And a personal word of thanks to all of you. I have greatly enjoyed working with you and being with you, you made me feel much younger!

**Manos Baltasvias,
ISPRS 2nd Vice President and SC liaison**

The main aim of ISPRS SC is to develop a wide network of young researchers from around the world. Summer Schools present the best practice to achieve this goal. Here are few short reports of last two SC Summer Schools and other related events for students and young researchers.

1st ISPRS Student Consortium Summer School

1st ISPRS SC Summer School took place at Technical University's Maslak campus in Istanbul, Turkey on the 19th – 26th of June 2005, with a theme entitled **“Satellite Data Processing and Spatio - Temporal Analysis (for Resource and Disaster Mapping, Monitoring and Management)”**. It was arranged in cooperation between SC Student Coordinators and the Local Organizing Committee consisting of Turkish students. Together almost 50 students registered for this meeting. Finally 39 students from 11 different countries participated.

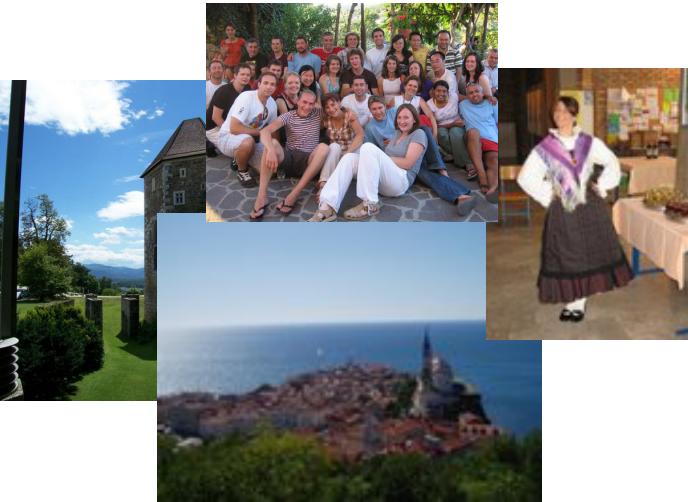


2nd ISPRS Student Consortium Summer School

The 2nd Summer School was a joint initiative of the ISPRS WG VI/5 and Student Consortium took place in Ljubljana, Slovenia, July 1-7, 2007. The topic of the Summer School was **“Theory and Application of Laser Scanning”**. The Summer School was hosted by University of Ljubljana, Faculty of Civil and Geodetic Engineering.

The organisation of the SS was entrusted to the mentioned Faculty, Slovenian Geodetic Student Association and Association of Slovenian Surveyors – Section of Photogrammetry and Remote Sensing.

The aim of the summer school was to provide time for social gathering in different forms. The success of the Summer School was also a great number of participants – 52 international participants from 20 countries and around 30 domestic participants attended the Summer School. Perhaps the most important was the friendly atmosphere during the whole week and participants enjoyed the high standard of lectures and demonstrations.



Symposium on Remote Sensing of Environment

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”**. Through its continued commitment to young scientists and students in the fields of Photogrammetry, Remote Sensing and Spatial Information Sciences, the ISPRS Foundation sponsored participation of various students in this great event. This covered participation in the symposium and pre-symposium capacity building workshops.





ISPRS Workshop, “Laser Scanning 2007 and SilviLaser 2007” Espoo, Finland

The 32nd ISPRS Workshop, “Laser Scanning 2007 and SilviLaser 2007” took place in Espoo, Finland on the 12th – 14th of September 2007. More than 100 professionals presented their experience in using a remote sensing data in different fields of interest, mainly in forestry, ecology and digital models generation.

On this event first time poster about ISPRS Student Consortium was presented. There was a lot of interest and many young researchers ask about ISPRS SC profit, structure and future aims. Poster staid in Finland on HUT Institute of Photogrammetry and Remote Sensing. To view poster click on SC website.

21st IGSM in VALENCIA

International Geodetic Student Organisation - IGSO every year organises the **International Geodetic Student Meeting - IGSM**. This year the IGSM took place in Valencia (Spain) from 4th–10th May. These meetings are a perfect chance to exchange experiences from geodesy field and provide opportunities to get to know other cultures and meet new people.

The main organiser was the Students Association – Higher Technical School of Geodetic, Cartographic and Surveying Engineering. They did not have an easy job, because there were around 130 participants from 12 different European countries. They stayed in Student house in a beautiful Campus of Univesidad Politécnica de Valencia

The program was formed with an accent on connecting students and lectures; there were a lot of social events, trips and interesting games.



International Summer School on 3D Modeling

As one of the recent activities of ISPRS SC, a short presentation and introduction to ISPRS and ISPRS SC was made during the International Summer School on 3D Modeling on Archaeology and Cultural Heritage which was held in Switzerland between the 9th and 14th of May 2008. The number of participants to the SS was 78 from 26 countries with different backgrounds varying from archaeology and remote sensing. During the presentation, the introduction of the activities and the idea of networking were pointed out. With many different backgrounds in the audience, the collaboration within different disciplines was expressed and the participants who were within ISPRS fields were encouraged and invited to take part in the society starting with the Student Consortium.

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 students as possible to take new steps towards new horizons.

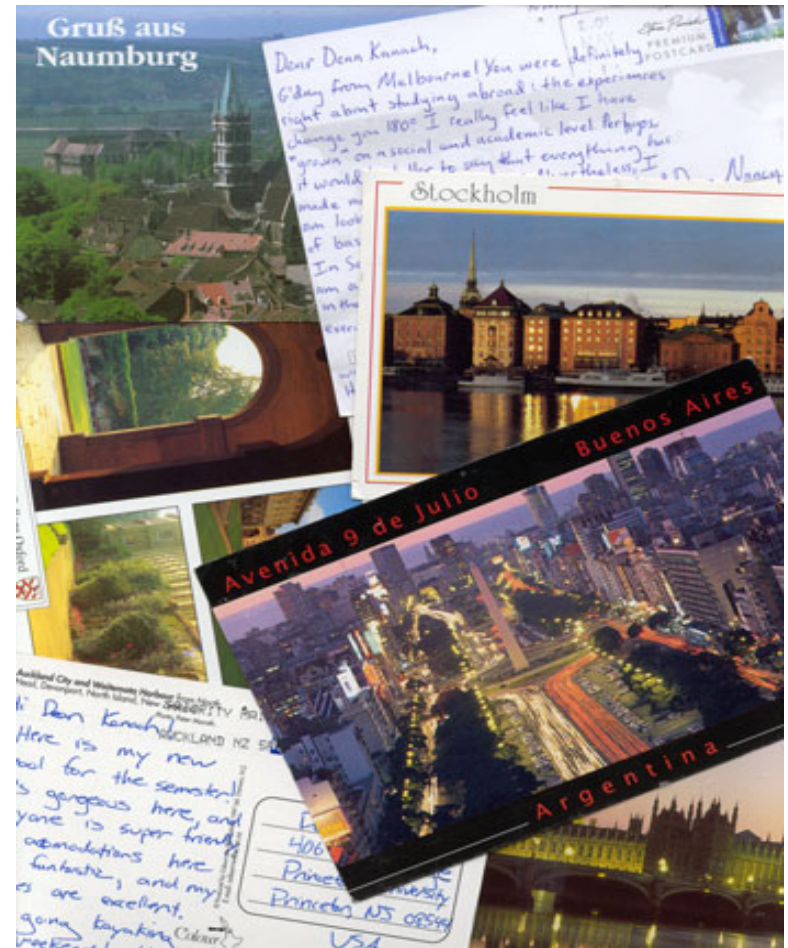
The Institute of Geomatics (IG) offers **two scholarships** for its **International Executive Master in Airborne Photogrammetry and Remote Sensing**. These grants are funded by the main sponsor of the Master program, which is the Cartographic Institute of Catalonia (ICC). The successful candidate should start on October 6th, 2008. The deadline for this call is July 6th, 2008. If you need any further details, please contact the Institute of Geomatics at education@ideg.es

There are a variety of undergraduate and graduate GIS courses offered at **The University of Toronto, Canada**, through the department of geography. The University of Toronto has a site license for ESRI software. Through that agreement, all students, staff, and faculty are allowed to access many of ESRI's online courses offered through the Virtual Campus. Each course requires an access code that is provided by the university's Licensed Software Office. For more information, go to their page: <http://faculty.geog.utoronto.ca/Boyes/GIS/Index.htm>

Cranfield University, United Kingdom, is offering an MSc, Pg Dip or Pg Certificate in Geographical Information Management at the School of Applied Sciences, which is recognised globally for its multi-disciplinary approach to research and teaching. The Geographical Information Management programme is unique in providing a balanced coverage of the key GIS technologies. This programme includes an individual research thesis which provides an opportunity to study a problem in some detail, whilst some of the courses also include a group design project allowing the realism of industrial projects to be introduced. For more information check here: <http://www.cranfield.ac.uk/sas/postgraduatestudy/taughtcourses/geographicalinformationmanagement/index.jsp>

The American Society for Photogrammetry and Remote Sensing developed a program for certification of photogrammetrists. The program include two new categories of certification: Mapping Scientist, Remote Sensing; and Mapping Scientist, GIS/LIS. For further details visit: http://www.asprs.org/membership/certification/certification_guidelines.html#Certified_Photogrammetrist

University of Sydney, School of Geosciences, offers students the opportunity to develop an understanding of spatial analysis and modeling theory and the use of Geographic Information Systems (GIS) and remote sensing methods in a range of applications. With these skills students can address broad environmental and socio-economic issues, examine geographical trends, embrace advances in spatial information technologies and contribute to innovations in the spatial science industry. For further details visit: http://www.science.usyd.edu.au/fstudent/postgrad/coursework/pgc_spatial.shtml



Future ISPRS related events

International Workshop on Earth Observation & Remote Sensing Applications

Beijing, China, 30 June - 2 July 2008
<http://www.2008eorsa.org/>

Geoinformatics Forum Salzburg

Salzburg, Austria. 1 - 4 July 2008
<http://www.gi-forum.org/>

ISPRS/IEEE/OGC GOESS Workshop "Air quality and health"

Beijing, China, 2 July 2008
<https://www.isprs2008-beijing.org/tutorials.htm#ws3>

XXI ISPRS Congress

Beijing, China, 3 - 11 July 2008
<http://www.isprs2008-beijing.org/>

Youth Forum (YF)

Beijing, China, 5-6 July 2008
http://www.isprs2008-beijing.org/forum_youth.htm

1st GeoWeb Student Contest

Vancouver, Canada, 21 -25 July 2008
<http://www.geoweb.org/>

GEOBIA 2008

Pixels, Objects, Intelligence: Geographic Object Based Image Analysis for the 21st Century
Calgary, Canada. 4 - 9 Aug 2008
<http://www.ucalgary.ca/GEOBIA/>

4th ESA ENVISAT SUMMER SCHOOL

Earth system monitoring and modelling
Frascati, Italy, 4 - 14 Aug 2008
<http://envisat.esa.int/envschool/>

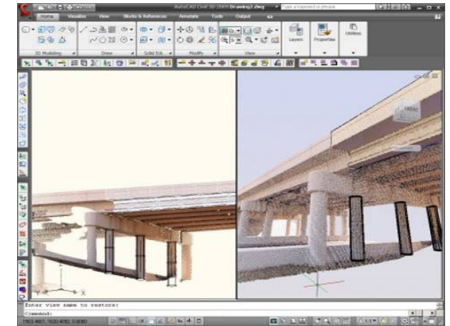
IT NEWS

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

PointCloud 4.0 and PointCloud Pro 4.0

Kubit (Germany) has released PointCloud 4.0 and PointCloud Pro 4.0. These new versions introduce a number of functions, which facilitate and speed up the processing and evaluation of point clouds of laser scanners in AutoCAD.

Now multiple point clouds can be edited and worked with at once. Besides clash detection PointCloud Pro allows for fitting polylines, cylinders (pipes) or planes to defined sections of point clouds. Intersecting such planes is easy and results in accurate object edges and corners. It is possible to define sections along AutoCAD curves. One essential improvement is the possibility to align an AutoCAD UCS with adjusted planes or point cloud sections. Functionality to imply photos (provided by the scanner) into the processing speeds up the workflow and increases the precision of the final product. Lines drawn on these images are directly taken over into the point cloud and are displayed as lines in geometrically correct positional arrangement. Inside the oriented photos corners, edges and lines can be determined much easier and more accurately. Drawing with PointCloud supports the perspective mode of AutoCAD.



If you are interested try a free of charge trial version. Info: <http://www.kubit.de/>

Leica Photogrammetry Suite 9.2

Leica Geosystems Geospatial Imaging has announced Leica Photogrammetry Suite (LPS) 9.2, streamlining numerous photogrammetry processes to save time and increase productivity.

In this new version, Leica MosaicPro, a component of LPS, quickly mosaics and displays more rasters than ever before, providing enhanced and added tools to simplify the processes. Optimizing efficiency, Leica MosaicPro automatically loads an image and then renders all the surrounding areas. This innovative new feature minimizes load time and decreases overall user management responsibilities. In addition, users may also implement the new undo feature when editing seams during the mosaicking process. This new feature automatically returns a seam to its original state, thereby

reducing the procedure of re-editing a seam when necessary. As a mosaicking alternative, Leica MosaicPro also includes the ability to script mosaicking as a batch process.

This release also features several benefits specific to medium format digital cameras. These enhancements include a new user-friendly interface for camera file information, describing each of the parameters associated with camera files. In addition, LPS 9.2 supports additional camera formats and parameters, including SMAC, AUSTRALIS and ORIMA extended parameters. This enhancement promotes higher accuracy for the images captured by medium format digital cameras.

Featuring numerous productivity enhancements, LPS 9.2 empowers users to more accurately and effectively complete their time-sensitive geospatial projects, said Ryan Strynatka, LPS Product Manager, Leica Geosystems Geospatial Imaging. This exciting release reflects Leica Geosystems overall strategy of developing the most appropriate technological advancements to meet and anticipate customer needs.

In addition, LPS 9.2 includes several other performance improvements, providing enhanced memory handling and greater support of larger projects. In the Terrain Editor module, a component of LPS, the new Terrain-Following Cursor mode automatically moves to the surface of the terrain model, simplifying editing and quality control. The Terrain Prep tool, now also a part of ERDAS IMAGINEŽ Advantage, quickly merges terrain models into a single output. Handling large files very effectively, this enhancement especially benefits LIDAR workflows dealing with dense data.

The new rigorous sensor models supported in LPS 9.2 include ALOS PRISM RPC, ALOS PRISM, EROS-B, GeoEye-1, Worldview-1, THEOS and FORMOSAT. Also noteworthy, LPS Core includes ERDAS IMAGINE Advantage 9.2, expanding the remote sensing and image processing capabilities of this solution. LPS 9.2 is expected to begin shipping in early 2008.

Visit: www.gi.leica-geosystems.com

Source of the article: <http://www.gim-international.com/>

Interesting links

In this issue we are recommending these links:

GIS Lounge: <http://gislounge.com/>

Coordinates: <http://www.mycoordinates.org>

EDUCATION:

Academic Sites for Geomatic Engineering

<http://www.lrz-muenchen.de/~t5831aa/WWW/Links.html>

RESOURCES

The Satellite Encyclopedia

<http://www.tbs-satellite.com/tse/online/>

TUTORIALS

Simple 3D (Different links):

Simple 3D is a site about technologies (3d scanners, digitizers) used to create 3D models, measure 3D dimensions, and track objects in 3D spaces.

<http://www.simple3d.com/>

JOBS, CAREER OPPORTUNITIES

Academic Careers Online

<http://www.earthworks-jobs.com/>

FREE SOFTWARE

ScanMagic, easy-to-use software for managing remote sensing data.

<http://www.scanex.ru/en/software/>

JOURNALS

Photogrammetric Engineering & Remote Sensing, by ASPRS

<http://www.asprs.org/publications/pers/>

DOAJ - Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals.

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

GRASS GIS releases version 6.3.0

This is a “technology preview” release, the first beta on the path to GRASS 6.4-stable, and also marks the start of work on GRASS 7
<http://spatialnews.geocomm.com/dailynews/2008/apr/25/news3.html>

All LiDAR Data is Not Created Equal

A discussion about the LiDAR production process

by Roland Mangold and Jan Van Sickle

Aerial LiDAR is accepted as the most efficient and cost-effective means to create accurate digital elevation and terrain data. It has become the standard for flood mapping and many other applications requiring fast, accurate, inexpensive Digital Terrain Models (DTMs), Digital Elevation Models (DEMs) and other geospatial features. But exactly how those final deliverables such as DTMs, DEMs and topographic features are derived has been a mystery to many LiDAR customers and data users.

<http://www.lidarcomm.com/id28.html>

GMES Sentinel-2 Satellite

The ESA and Astrium (Germany) signed a €195 million contract to provide the first Sentinel-2 earth observation satellite, devoted to monitoring the land environment, as part of the European GMES programme. Astrium is responsible for the design, development and integration of the satellite, which will perform a high-end multi-spectral optical imaging mission.

http://www.gim-international.com/news/id3005-GMES_Sentinel_Satellite.html

Leica Geosystems Geospatial Imaging Incorporates IMAGINE Subpixel Classifier into ERDAS IMAGINE 9.2

Leica Geosystems Geospatial Imaging announces that IMAGINE Subpixel Classifier™ will be licensed and available to all ERDAS IMAGINE® Professional customers with the upcoming release of ERDAS IMAGINE 9.2.

<http://spatialnews.geocomm.com/dailynews/2008/feb/04/news1.html>

giving thanks...

We would like to thank all the coordinators, the newsletter team and other SC supporters from different parts of the world without whom Student Consortium wouldn't exist. Of course our special thanks goes to our counsellors Mojca Kosmatin Fras, Anka Lisec, Zhu Qing (ISPRS WG 5 Officers) and last but not least our loyal friends Manos Baltsavias and Kohei Cho.

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If we did not mention anyone who we should have, we apologise. Once again thanks to everyone who have helped to make the Student Consortium possible!

Invitation to join ISPRS SC society

Please visit our SC web page (www.isprs-studentconsortium.org) where you will find more information about Student Consortium, our previous Newsletter issues, SC activities, photo galleries from previous Summer Schools, interesting links etc. Since recently you can register to our website. Just click on members area and receive ISPRS SC Newsletters, information about special student offers and grants, information on practical training, academic exchange and etc. within the related fields of ISPRS. Of course by registering you can decide if you want to participate actively or not. In any case you are more than welcome to join SC community!

Our previous Newsletter issues

