Report on the Student Lecture Session during the
ISPRS Technical Commission VI Mid-Term Symposium:
"Data, Information and Knowledge Sharing for Geo-Education"

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The ISPRS Technical Commission VI Mid-Term Symposium was held in Wuhan University, Hubei, China from May 19-21, 2014. The theme of this symposium was "Data, Information and Knowledge Sharing for Geo-Education." The symposium presented a number of various topics related to methodologies and technologies to support education and training, stimulate technology and knowledge transfer, and promote regional capacity development.

In coordination with the local organising committee, the ISPRS Student Consortium organized a Student Lecture Session last May 20, 2014 from 9am to 12nn. The programme for the Student Lecture Session was divided into two parts:

1. Student Session

   The objective of this session was to introduce students to other universities in the field of photogrammetry, remote sensing and other spatial information sciences. Student presenters were encouraged to provide a brief introduction about their university, student activities and on-going student researches. The time allotted for this oral presentation was 6 minutes. The following universities were presented in this session:
   a) Justyna Jeziorska, University of Wroclaw, Poland
   b) John Paul Genciana, University of the Philippines, Philippines
   c) Aleksandr Chermoshentcev, Siberian State Academy of Geodesy, Russia
   d) Shahdadpuri Harshita Bhagwan, Center for Environmental Planning and Technology University, India
   e) AiLin Liang, Wuhan University, China

2. Technical Presentations

   The primary goal of this poster session was to give the students an opportunity to present their on-going research among other students and young scientists and guest experts who can share their knowledge and ideas regarding the technical presentations. The allotted time for this poster session was 1 hour and 30 minutes. The following researches were presented in this session:
   a) Numerical modelling of ground subsidence induced by underground coal gasification – Yury Derbin, University of Nottingham , Ningbo, China
   b) Organization of Access to Land Inspection Data (and Multispectral Images) When Developing a GIS on the Experimental Surveying Site of Agricultural

Monitoring – Saprykina Ekaterina, Moscow State University of Geodesy and Cartography

c) Development of Field Used Software for Spatial Data Accuisition without Hardware Communication with GNSS Receiver – Makhina Ekaterina, Moscow State University of Geodesy and Cartography

d) Development of an Automatic Algorithm for Contour Vectorization Based on Data of Laser Scanning – Vadim Starshov, Moscow State University of Geodesy and Cartography

e) Usage of Multirotor UAV for the Purposes of On-line and Fast Mapping – Viacheslav Barbasov, Moscow State University of Geodesy and Cartography

f) Compensation of GNSS satellite's clock interpolation error in precise point positioning – Leonid Lipatnikov, Siberian State Academy of Geodesy

g) Automated change detection in roadbed based on mobile laser scanning data – Maxim Altyntsev, Siberian State Academy of Geodesy

h) Fuzzy logic-supported detection of complex geospatial features in a web service environment – Mingda Zhang, Wuhan University

i) RESTful implementation of catalogue service for geospatial data provenance – Liangcun Jiang, Wuhan University

j) Applicability of Unmanned Aerial Vehicle for verifying the inundation model based on chosen hydrograph predictions – Justyna Jeziorska, University of Wroclaw, Poland

k) Web Based GIS Application For Forest Right Act Implementation – Rushikesh Padsala and Farhan Patel, CEPT University, India

l) Development of Road Information System Using Geoinformatics – A Case Study from Panchkula, Haryana, India – Tanvi Gupta, PEC University of Technology, India

The welcome remarks were delivered by Professor Ian Dowman, Emeritus Professor at the University College London and Chair of the International Science Advisory Committee of ISPRS. Prior to the Student Lecture Session proper, the ISPRS Student Consortium and the Asian Association on Remote Sensing – Student Group (ASG) were briefly introduced by Sheryl Rose Reyes (ISPRS-SC National Coordinator – Philippines) and Hengqian Zhao (ASG Second Co-Chair), respectively. The guest experts for the technical presentations were Professor Ian Downan, Professor Songnian Li of Ryerson University and President of ISPRS Technical Commission II, and Professor Wolfgang Kainz of University of Vienna.

The Student Lecture Session also hosted a short open forum. The need to expand the reach of the ISPRS Student Consortium in China was raised by a number of local participants, particularly

in utilizing social media since Facebook and Twitter was not available in the country. As a final note, the participants were encouraged to join the ISPRS Student Consortium network thru the website and social media.

In conclusion, the Student Lecture Session was successful, with a total 17 presentations from students, valuable inputs from the guest speakers and feedback from the participants regarding ISPRS Student Consortium activities.

Figure 1. Miss Sheryl Rose Reyes, the National Coordinator for the Philippines, delivered a presentation about the ISPRS Student Consortium.

Figure 2. Mr. Hengqian Zhao presented the Asian Association on Remote Sensing Student Group (ASG).

Figure 3. Miss AiLin Liang briefly introduced Wuhan University during the Student Session.

Figure 4. Professor Ian Dowman opening the poster session for the technical presentations.
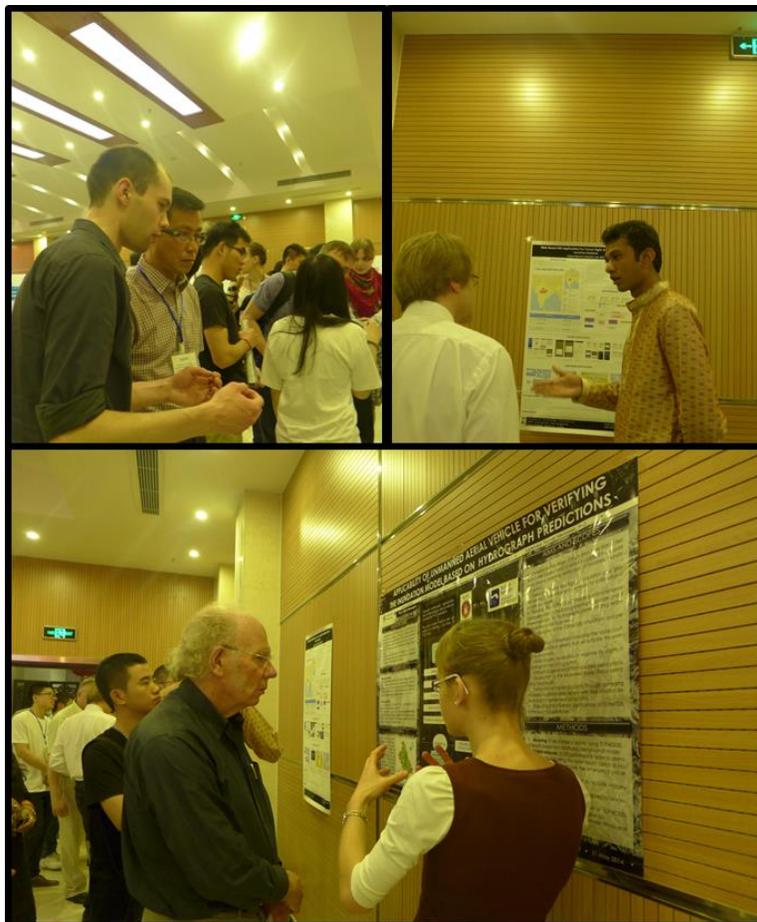

Figure 5. The guest experts providing insights on the students' researches.

Figure 6. The participants of the Student Lecture Session.