The Inaugural Geomatics Student Exhibition

This year, the Department of Geomatics and Land Management marks 25 years, and as part of the activities to commemorate this landmark, the department held its inaugural Geomatics Student Exhibition on the 5th of September 2014 in room 3033 in the New CEDAT building. The motivation behind this exhibition was to show case the best student projects carried out in the previous academic year. On display were three 3rd year group projects, twelve 4th year individual projects and two MSc. group projects. The exhibition was also meant to create an environment where industry would interface with academia to explore ways in which societal issues could be addressed using Geomatics tools.

In collaboration with DataGrid Africa Centre, the Makerere University – Datagrid Africa Center Award of Excellence was awarded to Mr. Joseph Kamoga and Mr. Derrick Robert Irumba, both of whom will be graduating with first class degrees in BSc. Surveying of Makerere University. Thanks to the generosity of DataGrid Africa Centre, the awards came with a plaque and a cash prize of Shs250,000 each. The Makerere University – Benefit Worldwide Award for the Best Exhibitor was awarded to Mr. Robinson Khisa, whose presentation was about, "Developing a Smart Campus Guide: A Web Based Location Awareness and Routing Application for Makerere University". His project was aimed at developing a web interface through which information about different locations e.g. hostels and academic areas of interest could be ascertained and the shortest routes between determined online. This award came with a plaque and a cash prize of Shs150,000 courtesy of Benefit Worldwide. Other presentations on display included:

- Estimating Carbon Sequestration of Mabira Forest Using Landsat
- Semi-Automatic Brain Tumor Detection Using OBI analysis
- Assessing the Applicability and Accuracy of Photosynth in Production of contour maps
- Spatio-Temporal Analysis of Land Cover Change Using OBI Analysis
- Improving access to land by Women
- An investigation into the major causes of land Disputes in Teso Sub-Region,
- Detection and Quantification of Air Pollution Over Kampala Using LandSAT
- A Web based Crime GIS
- Assessment of Urban Growth of Jinja Municipality
- Assessment of the nature and impacts of land disputes on Land Development – Case study of Hoima District
- Development of a Town GIS for Wakiso Town Council
- Development of a Web portal for Control Points in Kampala
- Control Extension for Wakiso District
- Topographic Survey & 3-D Modelling of Mengo SSS
- Improvement of access to Geospatial information for National Development

The Head of Department, Dr. Anthony Gidudu, thanked the college management and industry partners for partnering with the department in the promotion of excellence in the profession and hoped that this will go a long way in inspiring other students to always aim higher. The Principal, Prof. Henry Alinaitwe, commended the department for this innovation and hoped that the occasion will enable the department to highlight its areas of competence, thereby attracting industry partners. The visitors to the exhibition included professionals in industry, former students, staff and students from CEDAT, the University at large as well as from Kyambogo and Ndejje Universities.