

Department of Geodetic Engineering

2nd Geomatics Student Project Colloquium

Student Presentations for Students

October 13, 2012

Sessions: 9:00 AM-12:00 NN; 1:00 PM-4:00 PM

Geodetic Engineering Theatre

Enhancing student's learning experience is one of the aims of the Department of Geodetic Engineering. Through this Student Project Colloquium, students would learn from fellow students, who are taking their undergraduate degree or doing their graduate studies. From these projects, it is hoped that the students would better appreciate various applications of Geomatics Engineering even before taking advanced subjects. Graduates students may also learn from the undergrads and also offer advice to them. The colloquium is also a good venue to hone presentation skills. Alumni and friends are welcome to attend.

PRESENTATIONS

9:00-10:15 AM

Effects of Elevation Masking of GPS Satellite Vehicles on Position Accuracy (GE 174)

Dela Torre, Kathleen; Sinadjan, Grace; Guller, Jellian; Bongat, Angelo Carlo; Delica, Jeffrey

Comparison of classification accuracy using multi-temporal and multi-incidence envisat asar images (GmE 202)

Francisco, Richelle L.; Ortega, Leo D.

A simple energy balance study of selected meteorological stations in Cagayan River basin (GmE 203)

Basconcillo, Magaso, Felizco

10:15 AM Snack Break

10:30 AM-12:00 NN

"New Heights Residencies Subdivision" a site planning laboratory exercise (CE 49)

Bergado, John Ray; Francisco, Justine; Jalbuena, Rey; Sison, John Ted; Adlawon, Jade Carla

Determining of the Rate of Urbanization using Change Detection Image Analysis (GE 179)

Bucsit, Fesalbon, Jalbuena

Mapping Informal Settlements in Quezon City Using Object-based Image Analysis (GmE 202)

Alindogan, Liz Linda ; Parca; Marie Felipe

Use of GIS in Determining Traffic Problem Areas Along Katipunan Stretch (GE 160)

Abad, Cataniag, Dargantes, Panganiban

KahitSaan.com (Online GIS for Foodies) (GE 160)

Aragones, Mara Benece B.; Cadalzo, Ivy Elaine A.; Estabillo, Mia Shaira P.; Mamador, Charmyne B.

12:00NN LUNCH BREAK

1:30-3:00 PM

Assessment of Coastline Changes Using Remote Sensing and GIS (GE 179)

Francisco, Ornos, Ubalde

Boso-boso Subwatershed Above-ground Biomass Estimation using SPOT5 NDVI and SAVI (GmE 202)

Jayvee Macaraeg, James Fidelino

Determination of displacement of control points due to horizontal movement (GmE 203)

David, de Guzman, Macaraeg

Landslide Susceptibility using Remote Sensing (GE 179)

Bergado, Ibanez, Olanda

Determining shortest paths from high flood risk areas to evacuation centers using flood hazard maps and road network analysis (GmE 203)

Alconis, Alindogan, Fidelino, Parca

3:00 PM Snack Break

3:15-4:00 PM

GIS Assisted Analysis of Temporary Residences in UP Diliman (GE 160)

Claridades, Castro, Cruz, Aquino, Santillan

GIS-assisted Analysis of Traffic-related Incidents along Commonwealth Ave., Quezon City (GE 160)

Medina, De Jesus, Balaga, Bemida, Boado