

MGUG WINTER WORKSHOP AGENDA



Date: February 10th, 2012

Time: 12:15 pm - 4:30 pm

Location: University of Winnipeg
(Wesley Hall - [Convocation Hall](#))
515 Portage Avenue

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For more information please visit our website: www.MGUG.ca

12:15 - 1:00 45 min	Workshop Registration, Reception & Networking <i>Registration Sponsor Intergraph Canada Ltd.</i>
1:00 - 1:10 10 min	Introductions & Opening Remarks <i>Dr. Christopher Storie, MGUG Education Director</i>
1:10 - 1:40 30 min	Keynote Address & Presentation Mapping Mars: Using GIS to find a Suitable Mars Rover Landing Location <i>Dr. Ed Cloutis, Professor, University of Winnipeg</i> Selecting a landing site for a Mars rover or lander must balance safety, engineering, and science. A large number of global data sets are available for Mars, and these data sets must be integrated for analysis so that an optimum landing site can be selected. This talk explores the factors that must be taken into account when selecting a Mars landing site, as well as how such analysis is best accomplished within a GIS framework.
1:40 - 2:10 30 min	Transmission Line Routing <i>Ariel Lupu, Environmental Services Group Manager & GIS Lead (Global), Hatch Ltd.</i> Linear project routing techniques have been developed and implemented in typical GIS workflow models for a wide variety of corridor applications, ranging from transmission line developments to railway design. This presentation outlines the methods employed to identify a preliminary corridor for a 230 kV line spanning 125 km in British Columbia. The result of the analysis is to provide a decision making approach using environmental and engineering criteria to minimize environmental impacts and lower engineering costs.
2:10 - 3:10 1 hr	Afternoon Break, Vendors' Showcase & Networking <i>Refreshments & Snacks Sponsored by Hatch Ltd.</i>



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2:10 - 3:10 1 hr	Afternoon Break, Vendors' Showcase & Networking <i>Refreshments & Snacks Sponsored by Hatch Ltd.</i>
3:10 - 3:20 10 min	VOTE UPDATE Vote Online Now! - MGUG Revised Constitutional Amendments <i>Tony Viveiros, MGUG Vice-President</i> To vote online, please login with your MGUG user account and answer the MGUG Constitutional Vote question.
3:20 - 3:50 30 min	Integration of Intergraph with ERDAS <i>Kevin Aide, Executive Manager of Global Strategic Alliances, Intergraph Canada Ltd.</i> This presentation will illustrate Intergraph's vision for geospatial life-cycle management and interoperability. With the acquisition of ERDAS, now a part of Intergraph's Security, Government and Infrastructure division (SG&I), ERDAS enhances Intergraph's geospatially-powered solutions for managing, enhancing, and protecting life, infrastructure and property. Kevin will speak to the strength of the combined organization and the ability to manage the entire geospatial information lifecycle: processing vector, raster and terrain data into actionable information.
3:50 - 4:20 30 min	Integrating Perception Mapping into Land Use Planning <i>James Platt, Regional Manager, Manitoba Local Government</i> GIS overlay techniques are often limited to phenomena that can be quantified and represented spatially. While City Planners, Landscape Architects and social scientists have often been successful in observing, recording and describing human behavior, such information is often excluded from quantitative GIS analysis exercises. This presentation will demonstrate how data collected from cognitive mapping and behavior observation exercises can be quantified and incorporated into GIS analysis.
4:20 - 4:30 10 min	Closing Remarks & Adjournment <i>Dr. Christopher Storie, MGUG Education Director</i>
4:30 - 6:30 2 hrs	University of Winnipeg Faculty Club <i>Post-Workshop Mingling, Cash Bar & Networking</i>



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