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Don't miss out!

Here is a quick glance at our Upcoming Events Calendar:

- » [August 21-23 SGA Biennial Meeting](#) in Nancy, France
- » [September 5-13 IAMG2015](#) in Freiberg, Germany
- » [September 20-23 GRC Annual Meeting](#) in Reno, USA
- » [September 22 HyperCube](#) in Paris, France
- » [October 7-9 Bowen Basin Symposium](#) in Brisbane, Australia
- » [October 19-21 Earth Modelling Forum](#) in Vancouver, Canada
- » [October 25-27 ICSMRI 2015](#) in Sudbury, Canada

...more details on our [Upcoming Events page](#)

Welcome to the 2015, Q3 eNewsletter. In this edition we have great news to share with you. We are thrilled that our modelling platform GOCAD® Mining Suite version 14.1 has been released and that Geoscience ANALYST, our visualization, collaboration and communication tool, is ready to be launched at our Earth Modelling 2015 Forum. Speaking of which, have a look at our program and training courses; you won't want to miss this year's edition. We also report here on a major new R&D project for the Ultra-Deep Mining Network. Finally, we welcome new staff and give you more details on available openings.

Earth Modelling 2015 – Preliminary program October 19-21, 2015 – Four Seasons Vancouver, Canada

As promised, here is a closer look at the program.

October 19 – Integrated Interpretation – Management, Modelling and Validation

Modern geological modelling tools provide an ever greater capability to rapidly produce models. How and by whom is the modelling process managed? How are the models validated? We will kick off with reviews of the latest concepts in multi-disciplinary earth modelling followed by a series of great case studies. The rest of the day will be devoted to technology innovation, in which participants will get to watch, learn, and interact. We can hardly wait to show you what's new in our software platforms with live demos. This year we are also bringing back Speed Geeking! We will launch Geoscience ANALYST - our new, *free* communication tool for 3D integrated multi-disciplinary earth models. People attending will be the first to get access to it! And, after all that excitement, our evening reception will offer a great chance to network.

[Special room rates](#) at the Four Seasons Hotel Vancouver can be booked as availability permits.

We are looking forward to our 15th annual Earth Modelling Forum. It is always a great opportunity to spend time with you and discuss multi-disciplinary earth modelling technology. The detailed program will be published soon.

October 20-21 – GOCAD® Mining Suite training courses

On each day you can choose between two courses:

- **Introduction** - A one-day beginner's level course designed to provide an overview of key GOCAD concepts and tools to allow the new user to start creating earth models. Through manipulation of mining exploration datasets, learn about the core functionalities such as project creation, data import, exploratory data analysis and quick 3D geological model construction tools.
- **Making the most - Transition to version 14.1** - A one-day course that will present the re-engineered user interface with its positive impact on current 2009.4p1 user experience and productivity. This hands-on training will allow users to get the most out of the new features and enhancements. Also learn how you can use your projects in Geoscience ANALYST.

Register now,
places are
limited »



What's new! R&D project with UDMN

4D real-time geotechnical hazard assessment and reporting

Ultra-deep mining under high stress carries severe rock-bursting and other geotechnical risk, endangering personnel, equipment, and production. Mitigation of geotechnical risk requires rapid assessment of hazards as they are evolving and practical decision support tools for their management.

We have been awarded a major R&D project from the Ultra Deep Mining Network (UDMN) called "4D Real-Time Geotechnical Hazard Assessment and Reporting". We will develop a system that builds directly upon a number of recent advances in data management, modelling, and risk computation – the three key technologies that must come together in a single system for real-time geotechnical hazard assessment.

The problem of geotechnical hazard assessment is amenable to risk identification methods developed recently in the field of "predictive analytics", currently one of the most research-intensive areas in computational science. Through the UDMN project we will bring the power of predictive analytics to geotechnical hazard assessment.

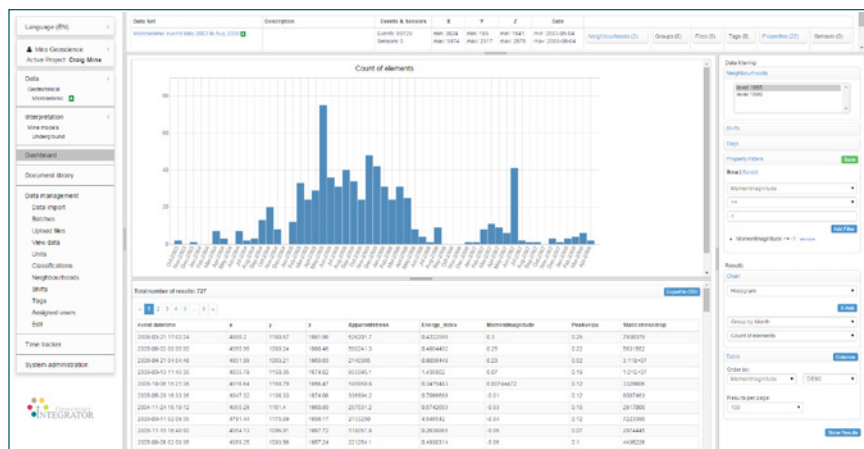
We will also develop the capability of maintaining continuously updated "living" rock mass and mine models. Hazard assessments will be automatically updated as the underlying model of the mine evolves, providing real-time calibration and hazard estimation. The continuously updated mine and hazard models, and their underlying primary data, will be managed by Geoscience INTEGRATOR, our 4D geoscientific data management system.

A project deliverable is an operational real-time hazard monitoring and reporting system at Glencore's Nickel Rim South Mine in Sudbury, Ontario.

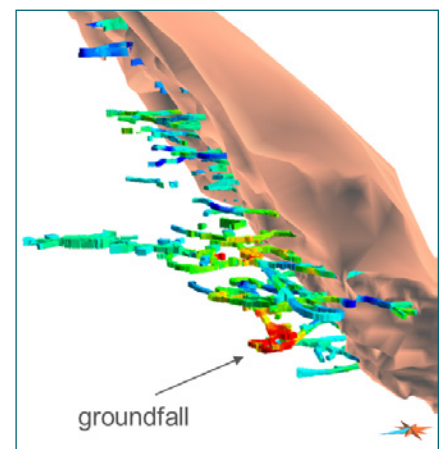
This will form an important part of our commercial offering of geotechnical hazard assessment solutions starting mid-2016.



Valérie and John at the kick-off of the project with Douglas Morrison - President and CEO, CEMI and Damien Duff - Vice President, Geoscience and Geotechnical R&D, CEMI. Managed through CEMI, UDMN aims to become the leading expert in Ultra Deep research and innovation.



Geoscience INTEGRATOR



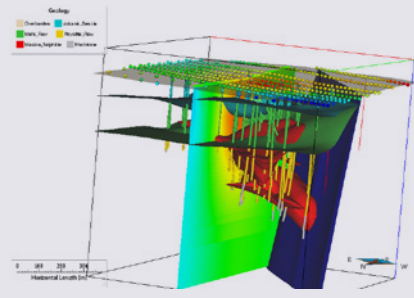
Rockburst hazard model shown on underground mine infrastructure

For more details, have a look at the UNDM website »



GOCAD® Mining Suite Version 14.1 release

We recently released v14.1 of our fully integrated, multi-disciplinary modelling solution. The interface went through significant changes, focusing on improved data organization and analysis. Enhancements include automatic classification of data on import into geological categories. A new tab layout allows users to view, investigate data and store results, ensuring a more auditable process. It now offers a powerful new macro programming environment.



[More details available here »](#)

Job opportunities!

We are looking for: **Geophysicist in Brisbane, Australia**

We have a great opportunity for a Geophysicist to join a young, dynamic and growing team of Geoscientists. Three to five years of experience doing geological modelling for mineral exploration is critical for this position, as well as a desire to increase skills in quantitative geophysical data modelling and a passion for the profession.

Continued next page...

New hire!

We wish to welcome:

James Farrell - Senior Geoscientist

James joined our team in July to lead mineral exploration projects. He brings tremendous experience, specializing in the geology and resources of operating mines and development projects ranging from initial exploration to multi-disciplinary feasibility studies in Australia, Africa and Asia. Prior to his current role, he was a Principal Geologist at Golder Associates. James obtained a BSc Honours in structural geology from the University of Tasmania. James is based in Perth.

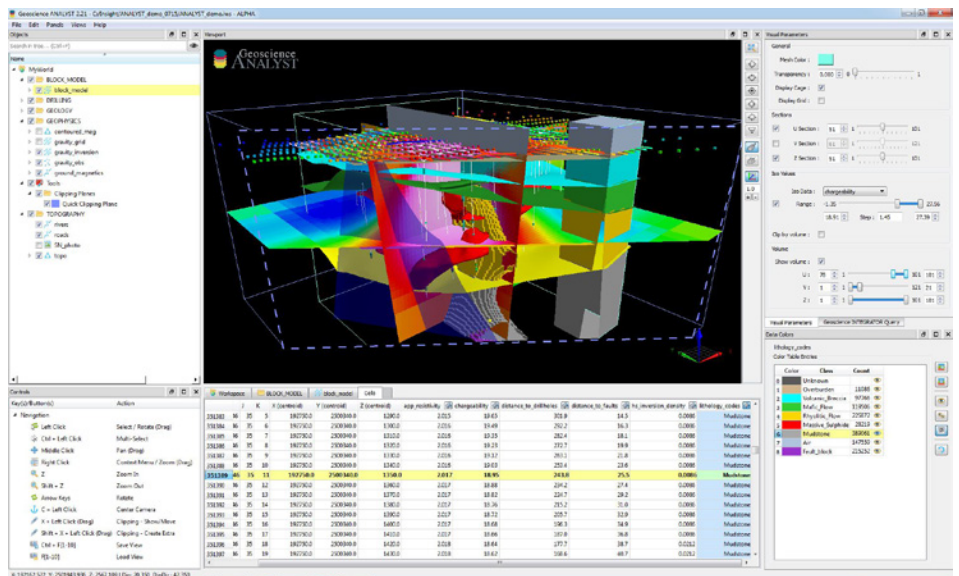
Upcoming launch of Geoscience ANALYST

This October we will release Geoscience ANALYST - our new, freely-available collaboration and communication tool for 3D integrated multi-disciplinary earth models. It provides powerful visualization geared towards decision makers as well as modellers. It is an open system, not tied to any proprietary modelling software. Objects from anywhere can be imported, saved, and easily shared with colleagues.

Its user-friendly interface allows you to quickly interrogate objects and data. Data values, attributes, histograms, colour settings and other visual parameters are always visible alongside the camera. Everything you need is at your fingertips. You can import data and objects, modify graphical attributes and save your work.

With Geoscience ANALYST we are introducing powerful 3D visual communication to the mining industry – free of charge!

This platform will allow you to easily distribute and share the powerful 3D models you created within GOCAD Mining Suite. We will be launching Geoscience ANALYST at Earth Modelling 2015. People attending the Forum will be the first to have access to this unique software.





Job opportunities! (continued)

License Administrator/Customer Support in Montreal, Canada

We currently have an opening for a customer-focused Software Licence Administrator/Customer Support to join our licensing team. The incumbent will participate in our complete software licensing cycle from the initial request to delivering the final licences to our customers, including follow-up customer care and technical support guiding our customers in licence and software installations. One to three years of experience in a technical customer support role, with OS configuration (primarily Windows), is required.

Web Developers in Montreal, Canada

We are expanding our Software Development team and have exciting opportunities for Web Developers. These positions require programmers who are passionate about creating quality code, are results oriented and motivated by technology challenges. Experience and competency with the following technologies is essential: PHP 5, JavaScript, HTML / CSS, MVC and REST.3

If you're interested in finding out more let us know »

GOCAD® Mining Suite: August's tip of the month

Automatic classification of data on import

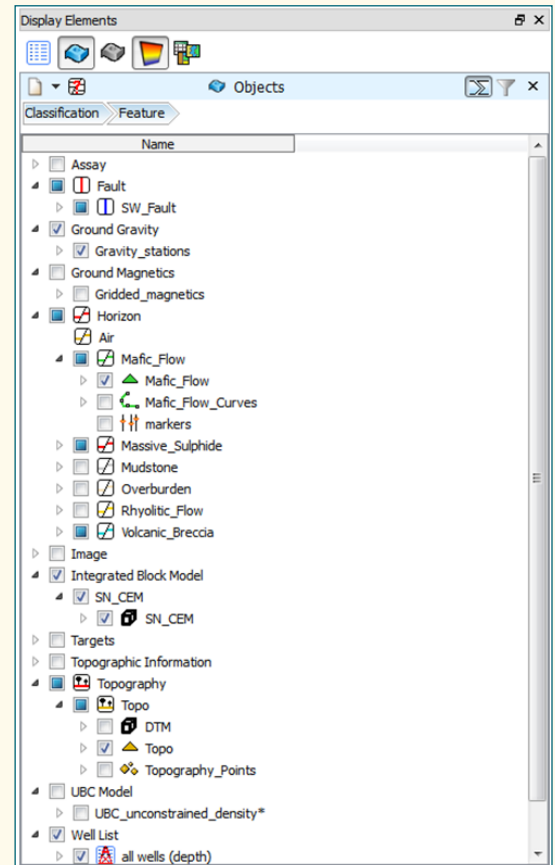
Version 14.1 focuses on data organisation for better analysis.

By default, the Objects display is now organized by geological classification (assay, topography, lithology block model, UBC model, etc.), and can be further defined by assigning multiple modelling objects to a single geological feature (i.e., objects representing a fault such as pointsSet, curves, surface, marker, etc).

You can customize your own Objects display to sort by category, data types, user, date, and other filters, or even revert back to the 2009.4p1 Object Tree layout.

If needed, it is easy to reclassify any object via click-drag or right-click operations.

To receive our tips or to view previous ones, visit our site »



Objects sorted by feature types (wells, horizons, faults, geoscientific data, etc.)