

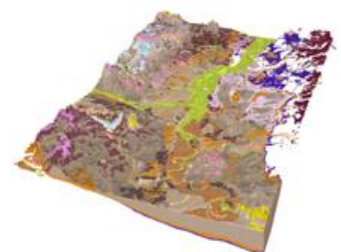
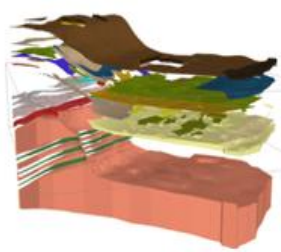
# GSI<sup>3D</sup> Research Consortium Newsletter

Volume 1, Issue 1

September 2010

## Welcome

Welcome to the first GSI3D Research Consortium newsletter where we hope to share information and developments about the GSI3D software, exciting applications and research using GSI3D; plus news from within the user community and useful knowledge about the GSI3D Consortium team here at the British Geological Survey (BGS).



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## Information

### GSI3D on Wikipedia

All basic information about GSI3D is collated and continually updated on the GSI3D Wikipedia site. It contains a quick description of the methodology, all published papers as well as links to useful resources, such as the 'You Tube' video. As with any other Wikipedia site the page can be edited by anyone and we would like to encourage you to do so, for example, when you publish a paper/poster or you might even want to add some text.

[www.en.wikipedia.org/wiki/GSI3D](http://www.en.wikipedia.org/wiki/GSI3D)

## New Members

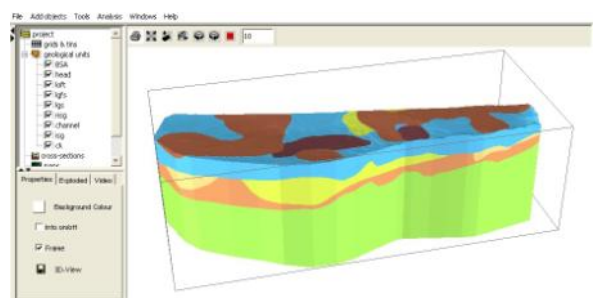
Thank you to all our new members!

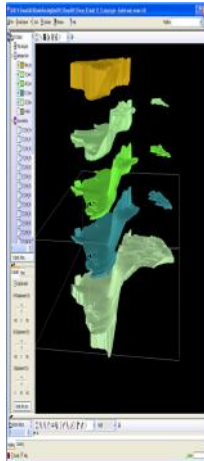
Don't forget our on line map showing Research Consortium members.

[www.gsi3d.org.uk/map.html](http://www.gsi3d.org.uk/map.html)

## User Workshop

We are planning to have a user workshop here at BGS Keyworth on 1-2 March 2011. Please keep this date free in your diary and more details will be sent to all members in December.





“an exciting array of GIS tools have been released for download, free of charge, on the GSI3D Consortium website”

## News

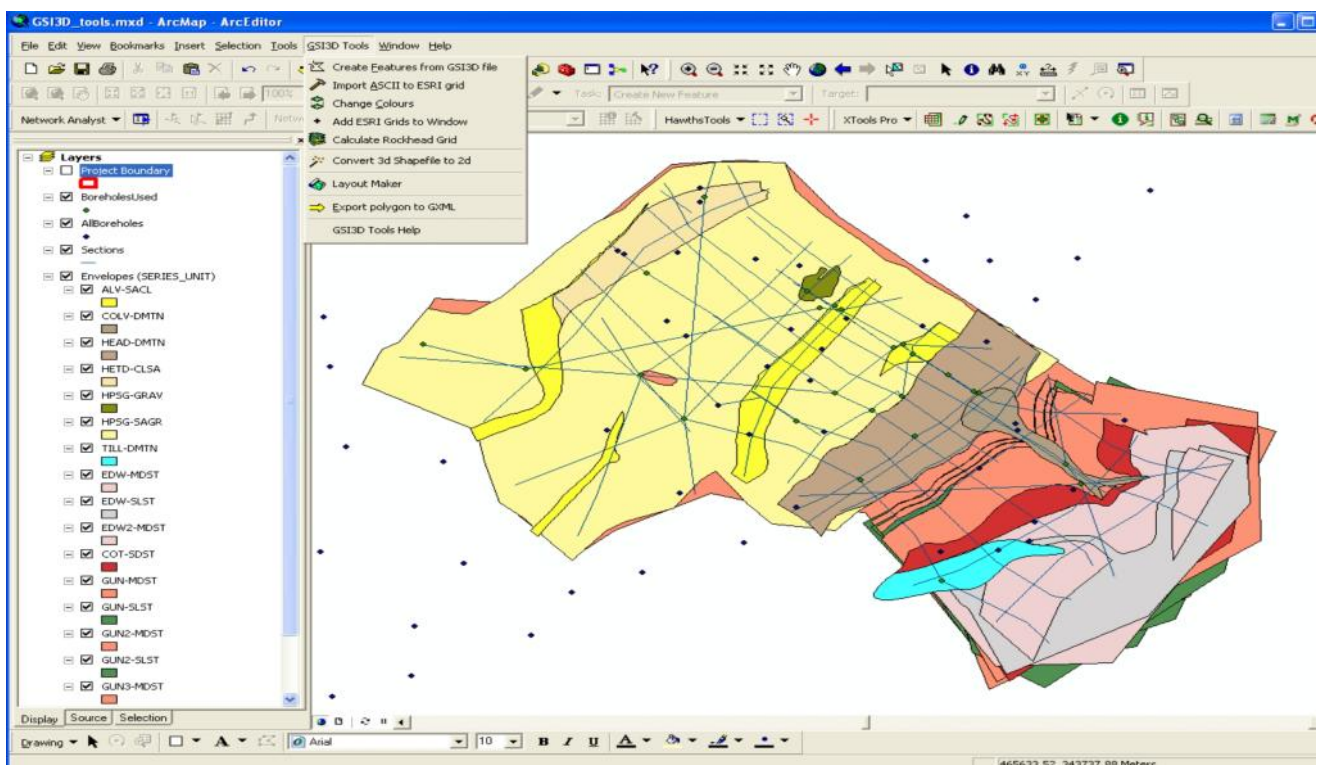
### GIS Tools for GSI3D

To aid in the analysis of 3D models constructed in GSI3D an exciting array of GIS tools have been released for download, free of charge, on the GSI3D consortium website. These tools have been built into an ESRI ArcMap project that improves the interoperability of GSI3D objects for use in GIS. On the following page of the GSI3D Consortium website you may download the tools and the documentation that describes them:

[www.gsi3d.org.uk/additionalDownloads.html](http://www.gsi3d.org.uk/additionalDownloads.html)

These tools are designed to work with ArcMap versions of up to 9.3.1. Once you have downloaded the zip file and opened the **GSI3D\_tools.mxd**, the following tools will be available to you:

- Feature creation from the GSI3D project, e.g. GSI3D Envelopes to ArcMap Polygons
- Conversion of ASCII grids to ESRI grids
- Changing the colour of the envelopes according to the selected attribution in the GVS and Legend (.gleg) files
- Adding ESRI grids to the ArcMap window and colouring them according to their selected attribution
- Calculating a Rockhead surface from ESRI grids
- Convert 3D Shapefiles to 2D Shapefiles for use in GSI3D
- An improved ArcMap Layout maker for document figure export
- ArcMap polygon export to GSI3D
- GSI3D Tools Help giving a brief hints and tips guide for use of the tools

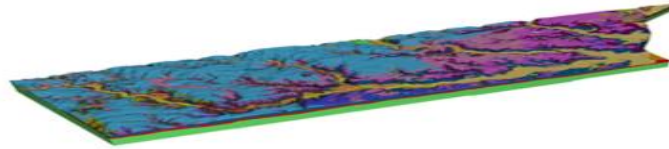




## Profile

**Ricky Terrington**

**GSI3D Consortium Helpdesk Manager**



“any complex or technical issues will be dealt with by Ricky and his team”

Ricky has a wealth of knowledge and training in Geographical Information Science and 3D Geological Modelling and has worked for BGS since 2001. He is highly skilled in GSI3D, GOCAD and GIS and has worked on many projects dealing with coastal, urban, shallow and deep-subsurface geological modelling and analysis. In 2007 Ricky ran a master class in 3D modelling at a conference in Mexico. As an expert user of GSI3D Ricky is well placed in supporting and advising in the use of these types of software and his main role is managing the 3D and GSI3D helpdesk. Should you have any complex or technical issues relating to the software they will be dealt with by Ricky and his team. When not at work, Ricky is a keen waterpolo and football player and enjoy the ups and downs of following Nottingham Forest football club!

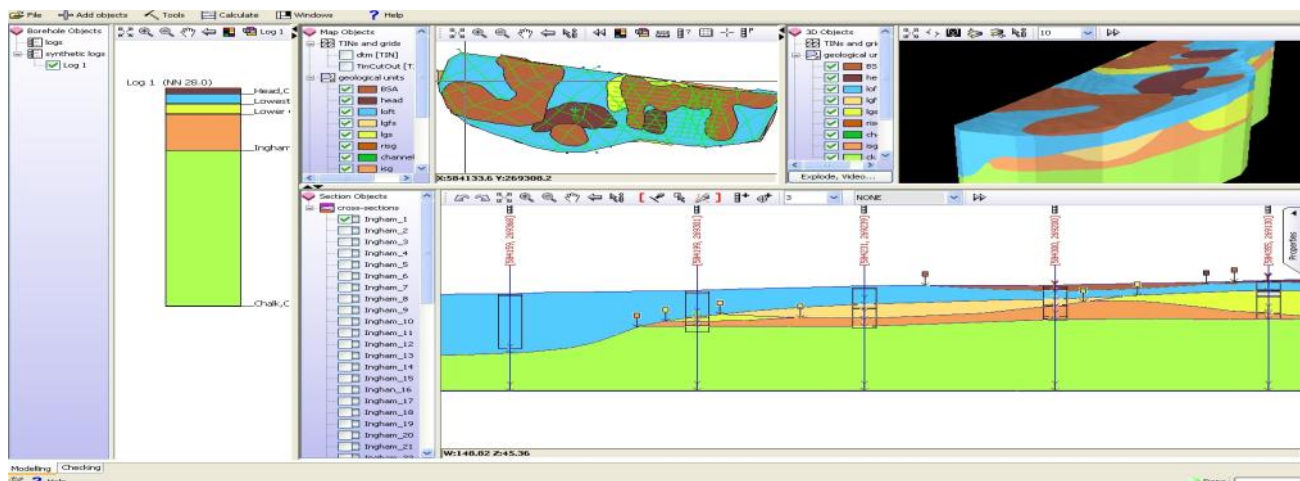
## Developments

### GSI3D 2011

Spring 2011 will see the release of a new version of GSI3D to the Research Consortium called GSI3D 2011. GSI3D 2011 works in exactly the same way as v2.6, but brings an improved User Interface and a host of new tools which will improve the speed and accuracy of your modelling work and enable you to create richer project workspaces. Model file formats remain the same, so you will have no problem loading and extending your existing v2.6 models using GSI3D 2011.

New features include:

- Support for shapefiles in workspace
- Project file history
- Undo/redo in sections and unit maps
- Line snapping tools
- User preferences
- Improved geophysical section handling for sections



"Only simple solutions are good solutions" Dr Hans-Georg Sobisch, creator of GSI3D

## The Team



**Holger Kessler**  
Team Leader  
Geological Modelling  
Systems

**Ricky Terrington**  
GSI3D Helpdesk  
Manager



**Steve Mathers**  
Principal Modelling  
Geologist

**Emma Ward**  
GSI3D Consortium  
Manager



**Rob Smith**  
IPR and Licensing  
Manager

**Ben Wood**  
GSI3D Lead  
Software Developer

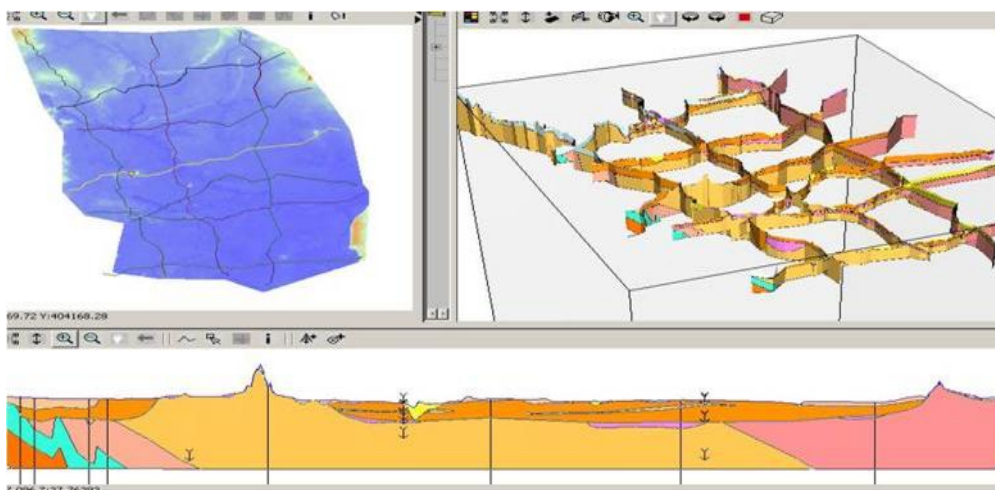


**Julian Trick**  
Business  
Development

# GSI3D



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If you would like to contribute to our Newsletter, contact [enquiries@bgs.ac.uk](mailto:enquiries@bgs.ac.uk) with the subject "GSI3D Consortium Newsletter".