

Model Fusion Conference – Speaker Programme**Day 1 – Monday 28th November 2011**

Time	Session	Time	Speaker(s)	Title/Topic
09.30 - 10.00	Registration and Coffee			
10.00 - 11.00	Model Fusion – The Vision	10.00 – 10.25	Denis Peach (BGS)	Overall vision for the future of model fusion
		10.25 – 10.45	Julia Slingo (Met Office)	Vision for model fusion at the Met Office
		10.45 - 11.05	Owen Lewis (Environment Agency)	Overview of the requirement for model fusion at the Environment Agency
11.00 – 11.30	Coffee Break	11.05 – 11.35		
11.30 – 12.50	Model Fusion – The Requirement	11.35 – 12.00	Ian Townend (HR Wallingford)	From Integration to Fusion: the challenges ahead
		12.00 – 12.20	Sam Nixson (Met Office)	The Open Platform initiative
		12.20 – 12.40	Michiel van der Meulen (TNO)	Model fusion experiences at TNO
12.50 – 14.00	Lunch	12.40 – 14.00		
14.00 – 15.00	Model Fusion – Real Examples 1	14.00 – 14.20	Clive Auton (BGS)	An Integrated Geoscience Modelling Approach to Ground Water and Coastal Flood Risk
		14.20 – 14.40	Quillon Harpham (HR Wallingford)	FluidEarth – Lowering the Barriers to Model Fusion
		14.40 – 15.00	Andrew Finlayson , Timothy Kearsey, Paul Williamson, John D.O. Williams, Joanne E. Merritt, Ricky L. Terrington, Andrew Kingdon, Seumas D. G. Campbell	Comparing and fusing deterministic and stochastic geological models: an example from the City of Glasgow, UK.
15.00 – 15.30	Tea Break	15.00 – 15.30		
15.30 – 17.30	Model Fusion – Real Examples 2	15.30 – 15.50	Andrew Kingdon , Paul Williamson, and John D.O. Williams	Development of a city-wide physical property

				model of the greater Glasgow area using a voxel-based representation of lithology.
		15.50 – 16.10	Wouter Buytaert (NERC Virtual Observatory/ Imperial College London)	Model fusion applications within the NERC Virtual Observatory
		16.10 – 16.30	Michael De Freitas (Imperial College London)	Use of e-learning techniques for integrated ground engineering modelling
		16.30 – 17.00	Discussion session on model fusion examples	
16.50 - 19.00	Evening Reception	17.00 - 19.00		
19.00	CLOSE	19.00		

Day 2 – Tuesday 29th November 2011

Time	Session	Time	Speaker	Title/Topic
09.30 – 10.50	Model Fusion – Software Solutions	09.30 – 09.55	Roger Moore (Open MI Association)	The vision for future Open MI development
		09.55 – 10.15	Scott Peckham (Colorado University/CSDMS)	Advances in Component-based Modeling: Insights from the CSDMS Project
		10.15 - 10.35	Paul A. Conrads, Edwin A. Roehl, Jr (USGS/Advanced Data Mining International)	Integrating Empirical and Mechanistic Models: The Use of Data Mining Techniques for Developing Effective Decision Support Systems
		10.35 – 10.55	Bert Jagers (Deltares)	Software Solutions for Integrated Modelling at Deltares
10.50 – 11.10	Coffee Break	10.55 – 11.25		
11.10 – 12.30	Model Fusion – semantics, scale and uncertainty	11.25 – 11.45	Ricky L. Terrington, Katy Mee, Don T. Aldiss, Jon R. Ford	Development of unified geological model surfaces from legacy 3D

			(BGS)	models in the Thames basin catchment area
		11.45 – 12.05	Keith Beven (University of Lancaster)	Uncertainty in integrated environmental models
		12.05 – 12.25	To be confirmed	To be confirmed
		12.25 – 12.45	Discussion session , software solution and methods	
12.30 – 13.30	Lunch	12.45 – 14.00	Lunch	
13.50 – 14.50	Model Fusion – the Challenges	14.00 – 14.25	Katherine Royse , Andrew Hughes, John Hillier, Julian O'Neill, Lei Wang and Andrew Kingdon (BGS and University of Loughborough)	The use of model fusion in the development of 'plug and play' catastrophe models
		14.25 – 14.50	Jeremy Giles (BGS)	Model Fusion – Challenges to be Addressed
14.50 – 15.20	Tea Break	14.50 – 15.20		
15.20 – 16.00	Discussion	15.20 – 16.00		
16.00	Close	16.00		