



IAMG2009 Meeting
August 23–27, 2009
Frances C. Arrillaga Alumni Center
STANFORD UNIVERSITY

Tuesday – Wednesday, August 25-26, 2009

Poster Presentations

Trace Element Abundance and Human Epidemiology in Northern Ireland – The Tellus Case Study
Amy Barsby, Queens University Belfast

Development of a 3D GIS Based Tunnel Design Support System for Rock Mass Classification and Fault Zone Analysis in Tunneling
Yosoon Choi, Seoul National University

A Method of Seismic Random Noise Blind Separation Based On JADE
Guo Ke, Information Management Institution, Chengdu University of Technology

Statistical Estimation of Spatially Varying Geotechnical Properties for Field Applications
Hyun - ki Kim, Kookmin University, Korea

Multiple - Point Simulation Applied to Uncertainty Analysis of Reservoirs Related to High Sinosity Fluvial Systems
Claudio Larriestra, Geotecnologias SA

Modeling 3D Groundwater Flow with Full Tensor Conductivities
Liangping Li, Jaime Gomez - Hernandez, Technical University of Valencia

Numerical Modeling of the Change of Rock Structure in a Coupled Fracture - Matrix System
Qi Li, National Institute of Advanced Industrial Science and Technology (AIST)

Artificial Neural Network Approach to Selection of EOR Method
Jong - Se Lim, Korea Maritime University

Application of Kalman Filter in Geochemistry Elements Noise Reduction
Chen Ling, Information Management Institution, Chengdu University of Technology

Design of Geological Hazard Information 3D Visualization and Analysis System in Three Gorges Reservoir Area of China
Gang Liu, China University of Geosciences

Upscaling, Transport, and Memory
Geronimo Llerar, Jaime Gomez - Hernandez, Gpo. De Hidrogeologia, Dep. De Ing. Hidráulica, Universidad Politécnica de Valencia

Use of Bézier and B - Spline Curves for Smart Representation of Lineaments Auto - Detected from DEM
Alaa Masoud (Geology Department, Faculty of Science, Tanta University, EGYPT), Katsuaki Koike (Kumamoto University)

Bootstrap Estimation of Uncertainty in Chemical Weathering Model
Seulgi Moon, Stanford University

Aeolian Sediment Transport Integration in General Stratigraphic Forward Modelling
Tristian Salles, CSIRO

Wavelet Analysis of Geophysical Data and Its Application for Copper Mineral Deposits Forecast in Mandamah Area, Australia
(PDF)
Wei Shen, China University of Geosciences, Beijing

Study on Quantity - Quality Grade Conversion Coefficient of Supplementary Cultivated Land in Jiangnan Plain
Hu Shougeng, China University of Geosciences



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Obtaining Local Proportions from Coarse - Scale Soft Attributes Through a Multi - Scale, Multi - Attribute Calibration Lisa Stright, Stanford University
Estimation of River Bed Morphology Using S - PLUS Budhi Kuswan Susilo, Sriwijaya University Indonesia
Finite - Element Numerical Simulation of Transient Electromagnetic Diffusion in the Earth Evan Um, Stanford University
Meandering Channel Reservoir Modeling with Self - Avoiding Random Walk (PDF) Jiahua Wang, Xi'an Shiyu University, China
Application of Unconditional Stochastic Simulations to 3D Modelling of Thermal Conductivity in Heterogeneous Crystalline Rock John Wrafter, Geo Innova AB, Sweden
Application of P - A Model to Characterizing Micro - Texture of Fluid Inclusions Qinglin Xia, China University of Geosciences
Upscaling, Flow and Tensors Haiyan Zhou, Jaime Gomez - Hernandez, Technical University of Valencia
Mapping Prospectivity for Metamorphosed Sedimentary Iron Deposits in Eastern Hebei Province, China Renguang Zuo, China University of Geosciences (Wuhan)