

EGU General Assembly 2012
Programme Group Programme
EOS – Educational and Outreach Symposia

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Monday, 23 April

EOS1 – Geosciences Information for Teachers (GIFT) workshop – Orals

Convener: C. Laj

Room: 29

Chairperson: n.n.

08:30–10:00

COFFEE BREAK

Chairperson: n.n.

10:30–12:00

Chairperson: n.n.

12:15–13:15

Chairperson: n.n.

13:30–15:00

Chairperson: n.n.

15:30–17:00

EOS4 – The Student-to-Professional Continuum: Developing the Future Global Geoscience Workforce – Posters

Convener: C. Keane | Co-Conveners: H. Houlton

Hall A | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: n.n.

- A1 EGU2012-16
H. Houlton and C. Keane
Geoscience Academic Provenance: A Theoretical Framework for Understanding Geoscience Students' Pathways
 - A2 EGU2012-91
L. Martin
The Graduate School of Climate Sciences, University of Bern
 - A3 EGU2012-5843
B. van Wyk de Vries, C. Olive, P Boivin, Y Merle, Y Michelin, and C Montoloy
The Chaîne des Puys and Faille de La Limagne UNESCO world heritage bid: the outcome of a long university and earth heritage collaboration
 - A4 EGU2012-7075
B. van Wyk de Vries, P Bion, WI Rose, A Tibaldi, E Calder, K Wooten, C Sealing, and S Menassian
INVOGE (International Geological Masters in Volcanology and geotechniques): a strategy to train and maintain globally mobile geoscientists
 - A5 EGU2012-9225
CM Keane and HR Houlton
Four Cornerstones for Ensuring a Sustainable Workforce and Opportunity for the Next Generation of Geoscientists
 - A6 EGU2012-11714
L. Sandberg Sørensen and D. Docquier
Engaging early career scientists in geoscience projects: The example of ice2sea
 - A7 EGU2012-12982
M. Semenov, J. Oberst, V. Malinnikov, K. Shingareva, A. Grechishchev, I. Karachevtseva, and A. Konopikhin
Project for the Space Science in Moscow State University of Geodesy and Cartography (MIIGAIK)
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EOS5 – Contemporary Education in a New Technological World – Orals

Convener: A. M. Tarquis | Co-Conveners: E. Taguas, R. Falconer, S. Medina Rojas, M. Messerotti, E. Perrier, A. Gobin, MM Rutten, M. Mayer, L. Rodriguez-Sinobas

Room: 7

Chairperson: J.M. Antón

08:30–08:45 EGU2012-7030

M. Mayer

Constructive and problem-based learning using blended learning anchored instruction approaches

08:45–09:00 EGU2012-7668

S.D. Keesstra

Inspiring students in International Land and Water Management: a field course in Spain

09:00–09:15 EGU2012-10444

E.V. Taguas, M.C. Aguilar, C. Castillo, M.J. Polo, and R. Pérez

Group dynamics for the acquisition of competences in Project Management

09:15–09:30 EGU2012-2077

X. Moussas, A. Coustenis, **A. Solomonidou**, G. Bampasidis, E. Bratsolis, and S. Stamogiorgos

The oldest computer in today's education: The great attractor of children to science, the Antikythera Mechanism, as an educational instrument.

09:30–09:45 EGU2012-13035

F. Snik, S. Heikamp, J. de Boer, C. U. Keller, G. van Harten, J. M. Smit, J. H. H. Rietjens, O. Hasekamp, D. M. Stam, H. Volten, and iSPEX team

iSPEX: everybody can measure atmospheric aerosols with a smartphone spectropolarimeter

09:45–10:00 EGU2012-13214

E. Caporali

Environmental engineering education enhancement

EOS5 – Contemporary Education in a New Technological World – Posters

Convener: A. M. Tarquis | Co-Conveners: E. Taguas, R. Falconer, S. Medina Rojas, M. Messerotti, E. Perrier, A. Gobin, MM Rutten, M. Mayer, L. Rodriguez-Sinobas

Hall A | Display Time 08:00–19:30

Author in Attendance: 15:30–17:00

Chairperson: M. Mayer

A8 EGU2012-1917

A. Perdigones, E. Gallego, N. Garcia, P. Fernandez, and L. Lleo

Study on the relationship between basic and applied subjects in Agricultural Engineering

A9 EGU2012-2801

M.A. Mendiola, P. L. Aguado, and **R. Espejo**

One project of Educational Innovation applying news Information and Communications Technologies (ICT): CyberAula 2.0

A10 EGU2012-10322

M.J. de la Haba, **E.V. Taguas**, M.C. del Campillo, J.E. Guerrero, and M.D. Pérez-Marín

Opportunities of real innovation projects for the acquisition of professional competences in Engineering

A11 EGU2012-10351

K. Špoler ?ani? and D. Rasol

Website for popularization of meteorology

A12 EGU2012-12217

MC del Campillo, JC Cañasveras, I Sánchez-Alcalá, AR Sánchez-Rodríguez, JA Albuquerque, MA Castro, MA Rey, V Barrón, and J Torrent

Innovative aspects for teaching the Geology and Climatology course in Agricultural and Forestry Engineering degrees

A13 EGU2012-13659

L. Rodriguez-Sinobas and R. Sánchez Calvo

Seeking for methodological proposals to motivate students in the learning of hydraulic engineering subjects

A14 EGU2012-14177

A. Arce, J. Caniego, J. Vazquez, A. Serrano, A.M. Tarquis, and M.C. Cartagena

Progressively implementation of the new degrees at E.T.S. of Agriculture Engineering and extinction of the earlier degrees

A15 EGU2012-50

M. E. G. Costa and M. A. S. Rodrigues

Does the Rain fall in our heads?

A16 EGU2012-1035

A. Jabro and J. Jabro

Perfecting Scientists' Collaboration and Problem-Solving Skills in the Virtual Team Environment

- A17 EGU2012-13783
A. Arce, A. M. Tarquis, and M.C. Cartagena
Implementation of Quality Assurance Systems at E.T.S. Ingenieros Agrónomos of Madrid in the Framework of E.H.E.
- A18 EGU2012-14179
J.L. Vazquez, A. Serrano, and **J. Caniego**
Comparative Study of the academic performance between different curricula in Agricultural Engineering
- A19 EGU2012-14178
C. González, C. Velilla, and V. Sánchez-Girón
Study of academic achievements using spatial analysis tools
- A20 EGU2012-10555
J M Anton, M E Sanchez, J B Grau, and D Andina
News in engineering education in Spain effective from 2010 in presence of external changes and mixed crisis, looking mostly to agro and civil engineers
- A21 EGU2012-8607
C. Aguilar, M. Egüen, E. Contreras, and M.J. Polo
Virtual laboratory for the study of transport processes in surface waterflows
- A22 EGU2012-1725
M. Krzic, K. Watson, **S. Grand**, C. Crowley, S. Dyanatkar, A. Bomke, and S. Smith
From the Field to the Classroom: A Web-Based Teaching Tool on Depositional Environments and Landscape Development
- A23 EGU2012-4425
A. Méndez, J. Paz-Ferreiro, F. Guerrero, J.M. Gascó, A. Saá, A.M. Tarquis, and **G. Gascó**
Comparison between teacher grading and student self-grading in different modules of agronomy
- A24 EGU2012-14107
S. Medina-Rojas, R.M. Gónzlez-Tirados, M.E. Sánchez, J. Paz-Ferreiro, A. Saa-Requejo, G. Gascó, R. Moratiel, J. Fabregat, J.M. Antón, D. Andina, and A.M. Tarquis
Student Mentors' benefits in the Higher European Education: Academic Orientation
- A25 EGU2012-8482
K.E. Welsh, W.B. Whalley, and D. France
iPad2 as a personal learning environment (PLE) for field scientists
- A26 EGU2012-13784
R. M. González-Tirados
Analysis of the Motivation and Work Climate of University Teaching Staff
- A27 EGU2012-6344
S. E. Moraes
Interdisciplinarity, transversality and complexity: a perfect combination in developing thematic projects in teacher formation courses in Brazilian universities
- A28 EGU2012-12681
M. I. Malkawi and M. M. Hawarey
Technology Education Using a Novel Approach in e-Learning—Towards Optimizing the Quality of Learning Outcomes
- A29 EGU2012-13146
M. Liemohn
Using Online Space Weather Modeling Resources in a Capstone Undergraduate Course

TM1/EOS12 – Complexity Education in the Geosciences (co-organized) – Orals

Convener: D. Schertzer | Co-Conveners: H. A. Dijkstra, P. Bourguin

Room: 4

Chairperson: n.n.

19:00–20:00

Tuesday, 24 April

EOS1 – Geosciences Information for Teachers (GIFT) workshop – Orals

Convener: C. Laj

Room: 29

Chairperson: n.n.

08:30–10:00

COFFEE BREAK

Chairperson: n.n.

10:30–12:00

Chairperson: n.n.

12:15–13:15

Chairperson: n.n.

13:30–15:00

Chairperson: n.n.

15:30–17:00

EOS2 – Science in tomorrow's classroom (poster only session) – Posters

Convener: E Arnold | Co-Conveners: A. Camerlenghi, P.H. Smith, S. Macko, A. Schwarz, J.-L. Berenguer

Hall XL | Display Time 08:00–19:30

Author in Attendance: 15:30–17:00

Chairperson: Eve Arnold

- XL12 EGU2012-3910
E. Arnold, F. Barnikel, J. Berenguer, A. Bokwa, A. Camerlenghi, F. Cifelli, F. Funiciello, C. Laj, S. A. Macko, A. Schwarz, P. Smith, and H. Summesberger
 Geoscience Information for Teachers (GIFT) Workshops at the European Geoscience Union General Assembly
- XL13 EGU2012-1566
S. Winkler, J. Gladwyn, and K. Swanson
 Novel Earth Science outreach initiatives from the University of Canterbury, New Zealand
- XL14 EGU2012-1916
J. Gawor
 How accurate are the weather forecasts for Bierun (southern Poland)?
- XL15 EGU2012-1924
C. Cunha, À. Gras-Velázquez, and E. Gerard
 Scientix: the new internet-based community for science education in europe
- XL16 EGU2012-2031
S. Calne
 E. coli on the move
- XL17 EGU2012-2110
V. Chapanova
 Lesson "Balance in Nature"
- XL18 EGU2012-2140
M. Costa and J. Mazon
 Low-cost and easy experiments about water in the atmosphere

- XL19 EGU2012-2158
P. Ailleris
Stimulating Interest in Natural Sciences and Training Observation Skills: The UAP Observations Reporting Scheme
- XL20 EGU2012-2263
E. Godini
A didactical geological path in Val Rosandra valley (Trieste - Italy)
- XL21 EGU2012-2929
S. Macchia, E. Gallo, and P. Claps
Telling and measuring urban floods: event reconstruction by means of public-domain media
- XL22 EGU2012-2982
G. Robbins, M. Delaney, C. Conaty, and R. Gabrys
Engaging learners outside the classroom walls: Preliminary evaluation of three informal STEM education programs at NASA Goddard Space Flight Center, Greenbelt, MD USA 20771
- XL23 EGU2012-3066
L. Lahti-Hommeyer
A Conversation about National Science Standards in the United States: Next Generation Science Standards and a Framework for K-12 Science Education
- XL24 EGU2012-3097
M. Lup
Water from Romania's heart!
- XL25 EGU2012-3858
D. Dommenges
A Simple Climate Model Program for High School Education
- XL26 EGU2012-3117
M. Rodriguez
Classroom Activities about Water and Climate Change
- XL27 EGU2012-3137
A. Phipps
Project O.R.B (Operation Reef Ball): Creating Artificial Reefs, Educating the Community
- XL28 EGU2012-3165
C. Puig and **M.L. Romero**
The Crystals Cave in a test tube
- XL29 EGU2012-3183
S.-D. Fulea
Water-life miracle; "Think green, go green!" campaign
- XL30 EGU2012-3189
C. Livingston
Bringing Real World Underwater Science, Engineering and Technology in Tomorrow's Classroom
- XL31 EGU2012-3195
E. Berbey, G. Delpeyroux, E. Douay, C. Juchereau, and O. Garavet
Scientific Investigation with the SJCSI
- XL32 EGU2012-3309
MR. Nebot Castelló and S. Leiva Hevia
The water cycle in a bottle: simulation of a hydrogeological basin
- XL33 EGU2012-3367
P. Vandecasteele
An integrated system of science education which puts students in touch with real life examples through multi - disciplinary teaching practice.
- XL34 EGU2012-3383
T. Favale, F. De Angelis, and **L. De Filippis**
Geological and geophysical activities at Spallanzani Science Department (Liceo Scientifico Statale "Lazzaro Spallanzani" - Tivoli, Italy)
- XL35 EGU2012-3396
L.-S. Nita
Learning unit: Thin lenses
- XL36 EGU2012-3397
S. Bratu
Global Warming And Meltwater
- XL37 EGU2012-3566
A. Thomsson
Nordic exchange of students and climate change.

Hall XL | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: Angelo Camerlenghi

- XL38 EGU2012-3634
S. de Brito Barreto, E. Ribeiro Sales, A. Maria de Lima Correia, M. Abreu e Lima, and S. Maria Bretas Bittar
Educational tools in the Museum of Rocks and Minerals
- XL39 EGU2012-3756
D. Hogan and M. Spruill
The NEED (National Energy Education Development) Project
- XL40 EGU2012-3926
S. A. Macko, M. Tuite, and M. O'Connell
Enhancing Oceanography Classrooms with "Captive and Cultured" Ocean Experiences
- XL41 EGU2012-2275
A. Solomonidou, X. Moussas, A. Coustenis, J-P. Lebreton, G. Bampasidis, K. Kyriakopoulos, A. Kouloumvakos, G. Xystouris, E. Sigala, and I. Patsou
Cassini Scientist for a Day: an international contest in Greece
- XL42 EGU2012-4293
H. Hodam, R. Goetzke, A. Rinow, and K. Voß
Remote Sensing, New Media and Scientific Literacy for Competence Oriented School Education - A New Integrated Learning Portal
- XL43 EGU2012-5162
K. Pratt
Bringing Science to Life for Students, Teachers and the Community
- XL44 EGU2012-5165
A. Colli and G. Spadaro
Where is our water?
- XL45 EGU2012-5494
K. Davis-Caldwell
Water Awareness Through Environmental Restoration
- XL46 EGU2012-6204
B. Bookhagen, A. Mair, G. Schaller, and C. Koeberl
A framework for high-school teacher support in Geosciences
- XL47 EGU2012-7126
I. Baude and V. Marquet
Water: from the source to the treatment plan
- XL48 EGU2012-10173
V. Marquet and **I. Baude**
Water: from the source to the treatment plan
- XL49 EGU2012-7862
S. Ouerghi, M. Harchi, and M. Riadh chebbi
Conception and realisation of educational models for an exhibition explaining the plate tectonics theory
- XL50 EGU2012-9047
S. Occhipinti
A network of schools for a natural hazard laboratory
- XL51 EGU2012-10496
M. Mas, E. Eixarch, and C. Ortonobes
Hidroroute 55
- XL52 EGU2012-12797
M. M. Hawarey and **M. I. Malkawi**
Teaching Science in Engineering Freshman Class in Private University in Jordan
- XL53 EGU2012-13070
M. Pieron
Implementation of weather stations at Ghanaian high schools
- XL54 EGU2012-14080
P. W. Soo and C. S. Cheam
A Practical Approach to Water Education in Secondary Schools in Penang, Malaysia
- XL55 EGU2012-14081
E. Niculescu and R. Maghiar
Water, a host of life
- XL56 EGU2012-14083
J. Jinyu
Saving every drop of water
- XL57 EGU2012-14098
C. Le Divenah and E. Esperou
Water - an inexhaustible resource?
- XL58 EGU2012-14433
I. Jokin
Education of natural science in the work of the Municipal Center for Extracurricular Activities

- XL59 EGU2012-49
M. A. Rodrigues and M. E. G. Costa
 The Sun in our Minds
- XL60 EGU2012-51
M.E.G. Costa and M.A.S. Rodrigues
 The Trees that surround us
- XL61 EGU2012-53
M.A.S. Rodrigues and M.E.G. Costa
 Temperature monitoring and Forest Fires in Góis Council, Portugal
- XL62 EGU2012-52
M.E.G. Costa and M.A. Rodrigues
 The influence of temperature, relative humidity and rainfall on the occurrence of the Pine Wood Nematode in Góis Council, Portugal

Wednesday, 25 April

EOS1 – Geosciences Information for Teachers (GIFT) workshop – Orals

Convener: C. Laj

Room: 29

Chairperson: n.n.

08:30–10:00

EOS6/ESSI2.3 – Modern Geoinformatics and Education (co-organized) – Orals

Convener: M. Zhilin

Room: 25

Chairperson: n.n.

13:30–13:45 EGU2012-10824

M. Zhilin

Novices and Experts in Geoinformatics: the Cognitive Gap.

13:45–14:00 EGU2012-2390

S. Nativi

Lowering Entry Barriers for Multidisciplinary Cyber(e)-Infrastructures

14:00–14:15 EGU2012-13196

C. Baru, L. Allison, P. Fox, C. Keane, R. Keller, and S. Richard

GET21: Geoinformatics Training and Education for the 21st Century Geoscience Workforce

14:15–14:30 EGU2012-11224

P. Fox

Bringing Data Science, Xinformatics and Semantic eScience into the Graduate Curriculum

14:30–14:45 EGU2012-2221

V. Gershenzon, O. Gershenzon, M. Sergeeva, V. Ippolitov, and O. Targulyan

UniScan technology for innovative laboratory at a university for acquisition data from space in real-time

14:45–15:00 EGU2012-12363

T. Stefanut, D. Gorgan, G. Giuliani, and P. Cau

Earth Observation oriented teaching materials development based on OGC Web services and Bashyt generated reports

Thursday, 26 April

OS4.6/EOS3 – Ocean Science Outreach and Education (co-organized) – Posters

Convener: V. Rosmorduc | Co-Conveners: V. Byfield, D. De Staerke, M. Srinivasan

Hall A | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: n.n.

- A339 EGU2012-25
C.-M. Liu and I.-C. Chen
Taiwan's experience in ocean education at the level of junior high school: a textbook-editing project of MEEP
- A340 EGU2012-3609
V. Byfield
Using Oceanography to Support Active Learning
- A341 EGU2012-5189
P. Tuddenham and K. Bishop
15 Years of Ocean Education and Outreach Activities by the College of Exploration.
- A342 EGU2012-8377
M. Stroobant, M. Locritani, D. Marini, L. Sabbadini, C. Carmisciano, G. Manzella, M. Magaldi, S. Aliani and the DLTM Team
The Ligurian Cluster for Marine Technologies (DLTM): matching local research and industrial needs on oceanographic data.
- A343 EGU2012-10613
C. Thompson, A. W. Bingham, L. Plesea, C. Alarcon, and J. R. Hall
State of the Ocean: Presenting Near Real Time Ocean Parameters and Contextual Layers on Google Earth as an Exploration and Discovery Tool for Public Consumption
- A344 EGU2012-11418
B.D. Hamlington and R.R. Leben
Climate Science Education for Underrepresented Students through Collaboration with CABPES

EOS6/ESSI2.3 – Modern Geoinformatics and Education (co-organized) – Posters

Convener: M. Zhilin

Hall A | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: n.n.

- A1 EGU2012-786
A. Bashev
Open Geoscience Database
- A2 EGU2012-3207
I. Demir and W.F. Krajewski
Information Communication using Knowledge Engine on Flood Issues

EOS7/G6.4 – Education and Outreach in Geodesy (co-organized) – Posters

Convener: W. Soehne | Co-Conveners: H. van der Marel, D. Dettmering, M. Lidberg

Hall A | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: W. Soehne

- A3 EGU2012-5276
K. Hedman, **S. Kirschner**, and F. Seitz
ESPACE - a geodetic Master's program for the education of Satellite Application Engineers
- A4 EGU2012-7016
M. Mayer
Techniques and methods to guarantee Bologna-conform higher education in GNSS
- A5 EGU2012-7025
M. Mayer
Using forum-based competitions to improve sustainability and motivation in higher education GNSS learning - Chances and risks
- A6 EGU2012-7099
T. A. Springer, M. Otten, and C. Flohrer
Spreading the usage of NAPEOS, the ESA tool for satellite geodesy.

A7 EGU2012-9121
M. Seitz and **W. Bosch**
A High School Project Seminar on Sea Level Rise

EOS8 – Communicate your science – Orals

Conveners: A. Gerdes, B. T. Ferreira

Room: 25

Chairperson: n.n.

15:30–17:00

NH9.8/EOS9 – Geoethics and natural hazards: communication, education and the science-policy-practice interface (co-organized) – Orals

Convener: S. Peppoloni | Co-Conveners: J. Wasowski, P. Reitan, G. Devoli, SW Kieffer, E. Lindquist, S. Sargeant

Room: 8

Chairperson: n.n.

13:30–13:45 EGU2012-2524

SW Kieffer

Planet Earth: Its Past, Our Present, A Future (?)

13:45–14:00 EGU2012-7841

J. C. Gill

Geology for Global Development: Training young geoscientists to communicate and do effective disaster risk reduction in the developing world

14:00–14:15 EGU2012-9375

A. Taurisano, E. Lyche, V. Thakur, T. Wiig, K. Øvreliid, and G. Devoli

Ethical questions in landslide management and risk reduction in Norway

14:15–14:30 EGU2012-8535

J. McCaughey, A. M. Lubis, Z. Huang, Y. Yao, E. M. Hill, S. Eriksson, and K. Sieh

Earthquake and tsunami hazard in West Sumatra: integrating science, outreach, and local stakeholder needs

14:30–14:45 EGU2012-11067

S. Stein, R. Geller, and M. Liu

What to do given that earthquake hazard maps often fail

14:45–15:00 EGU2012-11639

M.-A. del Marmol, M. Bi Suh Atanga, S. Njome, G. Mafany Teke, P. Jacobs, and C.E. Suh

Communication of geohazard risks by focus group discussions in the Mount Cameroon area, Cameroon.

NH9.8/EOS9 – Geoethics and natural hazards: communication, education and the science-policy-practice interface (co-organized) – Posters

Convener: S. Peppoloni | Co-Conveners: J. Wasowski, P. Reitan, G. Devoli, SW Kieffer, E. Lindquist, S. Sargeant

Hall X/Y | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: n.n.

XY596 EGU2012-1185

C. Dawber and **S Latchman**

Current Methods of Natural Hazards Communication used within Catastrophe Modelling

XY597 EGU2012-101

E.J.I. Apatu, C. E. Gregg, M. K. Lindell, J. Sorensen, J. Hillhouse, and B. Sorensen

The September 29, 2009 Earthquake and Tsunami in American Samoa: A Case Study of Household Evacuation Behavior and the Protective Action Decision Model

XY598 EGU2012-1271

T. Ozcep and F. Ozcep

Fear based Education or Curiosity based Education as an Example of Earthquake and Natural Disaster Education: Results of Statistical Study in Primary Schools in Istanbul-Turkey

XY599 EGU2012-6335

Dr. Netti

Natural Hazards, Poverty Traps versus Economic Growth

XY600 EGU2012-14042

S. Parkash

Ethics in disaster management

- XY601 EGU2012-11977
M. Mucciarelli and R Camassi
Communication during an evolving seismic sequence
- XY602 EGU2012-8477
H. Sangster, D.K Chester, and A.M Duncan
Human responses to historical eruptions of Etna (Sicily) from 1600 to present and their implications for present-day disaster planning
- XY603 EGU2012-9019
G. Devoli
Scientific practices and social behaviors in managing landslide risks: comparing experiences between developing and developed countries
- XY604 EGU2012-9515
R. Nave, G. D'Addezio, and A. Carosi
A visitor study approach to INGV exhibition at Genova Science Festival 2011
- XY605 EGU2012-14386
P Hradecky and I Baron
Complex geohazard susceptibility zoning for effective landuse planning and catastrophe prevention in developing countries
- XY606 EGU2012-9762
A. Amato, L. Arcoraci, E. Casarotti, **G. Cultrera**, R. Di Stefano, L. Margheriti, C. Nostro, G. Selvaggi, and May-11 Team
Earthquake prediction rumors can help in building earthquake awareness: the case of May the 11th 2011 in Rome (Italy)
- XY607 EGU2012-10606
S. Sargeant
Reflections from the interface between seismological research and earthquake risk reduction
- XY608 EGU2012-14385
W. Strauch and G Devoli
Performance of Early Warning Systems on Landslides in Central America
- XY609 EGU2012-14078
S Peppoloni, R Matteucci, S Piacente, and J Wasowski
Geoethics: the responsibility of geoscientists in making society more aware of natural hazards
- XY610 EGU2012-8000
T. Lanza, M. Crescimbene, and F. La Longa
From Colfiorito to L'Aquila Earthquake: learning from the past to communicating the risk of the present
- XY611 EGU2012-6426
V. Chistyakov
Gas hydrates - new source of energy and new Geotechnical hazards
- XY612 EGU2012-9079
S. Oki and K. Koketsu
Risk communication on earthquake prediction studies: Possible pitfalls of science communication
- XY613 EGU2012-2622
M. Crescimbene, F. La Longa, and T. Lanza
Natural disasters between memory and oblivion

SSS12.3/EOS11 – Geodiversity and geoheritage in university education and research (co-organized) – Orals

Convener: L.H. Cammeraat | Co-Conveners: E. Reynard, H. van den Ancker

Room: 3

Chairperson: n.n.

- 15:30–15:45 EGU2012-236
M. Gray
Integrating research & teaching: the Queen Mary, University of London module in Geodiversity & Geoconservation
- 15:45–16:00 EGU2012-11881
J. Brilha, D. Pereira, and **P. Pereira**
Geoconservation education: the leading role of the University of Minho (Portugal)
- 16:00–16:15 EGU2012-4164
A. Perret, E. Reynard, and J.-J. Delannoy
Glacial heritage: knowledge, inventory and promotion in the Chablais area (France, Switzerland)
- 16:15–16:30 EGU2012-14133
A Roepert, A Zacke, and G Hoffmann
The potential of geotourism to meet the challenges of geoconservation in Oman

- 16:30–16:45 EGU2012-8739
J. Forte, J. Brilha, D. Pereira, and M. Nolasco
 Quantitative evaluation of geodiversity: development of methodological procedures with application to territorial management
- 16:45–17:00 EGU2012-5661
M.P.W. Sonneveld
 New elements in teaching soil-landscape relationships

SSS12.3/EOS11 – Geodiversity and geoheritage in university education and research (co-organized) – Posters

Convener: L.H. Cammeraat | Co-Conveners: E. Reynard, H. van den Ancker

Hall Z | Display Time 08:00–19:30

Author in Attendance: 17:30–19:00

Chairperson: n.n.

- Z136 EGU2012-14084
A Andrasanu
 Linking geological Heritage Conservation to Education and Research at the University of Bucharest
- Z137 EGU2012-14280
J.L. Palacio
 Geodiversity and geoheritage research and education in Mexico
- Z138 EGU2012-14428
C. Muggler
 Raising awareness about soil diversity: The Education Programme of the Earth Sciences Museum Alexis Dorofeef, Minas Gerais, Brazil
- Z139 EGU2012-14008
B.N. Sadry
 Geodiversity & Geoheritage Education through Geotourism Textbooks in Iran
- Z140 EGU2012-3740
E. Reynard, A. Perret, L. Grangier, and L. Kozlik
 Methodological approach for the assessment, protection, promotion and management of geoheritage
- Z141 EGU2012-9936
 A.C. Seijmonsbergen, M.G.G. De Jong, L.W.S. de Graaff, and **N.S. Anders**
 Geoconservation mapping using digital geomorphological maps in Vorarlberg, Austria
- Z142 EGU2012-3748
L. Grangier and E. Reynard
 Geomorphosite inventories for the promotion of tourism by geoheritage. The case of the Hérens and Réchy valleys (Switzerland)
- Z143 EGU2012-1104
P.D. Jungerius and J. van den Ancker
 Landscape paintings of the 17th and 19th century as a tool for coastal zone management
- Z144 EGU2012-11801
 D. Pereira, L. Santos, J. Silva, **P. Pereira**, J. Brilha, J. França, and C. Rodrigues
 Finding the proper methodology for geodiversity assessment: a recent approach in Brazil and Portugal
- Z145 EGU2012-14041
J.M. van Mourik and A.C. Seijmonsbergen
 Increase of geodiversity by historical land use in the Maashorst area (SE-Netherlands)
- Z146 EGU2012-14129
J.A.M. van den Ancker and P.D. Jungerius
 Stream valleys and the coast, a reconnaissance soil-landscape analysis
- Z147 EGU2012-3498
Dj.A. Vasiljević, S.B. Marković, T.A. Hose, T. Lukić, B. Basarin, and M.D. Vujić
 How to protect loess-palaeosol sequences? - Proposal of Loess Geopark in Vojvodina Province (North Serbia)
- Z148 EGU2012-14006
J. Sevink and M. van Leusen
 The conservation of Holocene sediment archives in the Mediterranean and its relevance for geo-archaeology.
- Z149 EGU2012-14131
E Bregman and I Kant
 An Earthscience Research Policy is indispensable for a sound protection of geoheritage values. A case study of the province of Drenthe, the Netherlands
- Z150 EGU2012-1103
J. van den Ancker, P.D. Jungerius, and J. Hartman
 Creating dune landscapes for nature and housing - how to assess the designs?

- Z151 EGU2012-11677
P. Pereira, J. Brilha, and D. Pereira
The inventory of the Portuguese geological heritage: a good example of scientific cooperation between universities
- Z152 EGU2012-11772
M. Contessi, L. Cantelli, F. Fanti, G. Gabbianelli, and H. Mohsen
Southern Tunisia as an example of international partnership in cultural and geological heritage conservation
- Z153 EGU2012-5139
M.D. Vujić?, Dj.A. Vasiljević?, S.B. Marković?, T. Lukić?, and B. Basarin
Geodiversity "Engraved"
- Z154 EGU2012-12878
B. Toma, I. Irimus, and D. Petrea
The promotion of geomorphosites on salt from Sovata - Praid and Turda using cultural and scientific tourism
- Z155 EGU2012-14007
J. Sevink, E.R. Khodabux, D. Landsmeer, and G.J. Stoeten
Geo-conservation: an example of the application of its principles in the sanitation of the polluted Laarder Wasmeren area near Hilversum, het Gooi, The Netherlands
- Z156 EGU2012-14087
M. Riksen, L. Sparrius, M. Nijssen, and S. Keestra
Preserving inland drift sands in the Netherlands

Friday, 27 April

SSS12.1 – Teaching Soil Science or how to teach that dirt is fascinating (co-listed) – Orals

Convener: A Jordán | Co-Conveners: L. M. Zavala, D. Badía-Villas, J. Liddicoat

Room: 3

Chairperson: Antonio Jordán and Joseph Liddicoat

- 13:30–13:45 EGU2012-29
D. Frink
Discovering the essence of soil
- 13:45–14:00 EGU2012-1292
M. Trauth and E. Sillmann
MATLAB® and Design Recipes for Earth Sciences: How to Collect, Process and Present Geoscientific Information
- 14:00–14:15 EGU2012-1723
S. Grand, M. Krzic, C. Crowley, G. Lascu, and J. Rosado
The fascinating side of dirt: Soil and the global environment course
- 14:15–14:30 EGU2012-2159
P. Ailleris
Stimulating Interest in Natural Sciences and Training Observation Skills: The UAP Observations Reporting Scheme
- 14:30–14:45 EGU2012-11167
M.W. Anderson, M. FitzPatrick, and J. Truscott
Peer Assisted Experiential Learning (PAEL) in extending fieldwork practice in the Earth Sciences
- 14:45–15:00 EGU2012-3019
N. J. Kuhn
Teaching with Tolkien: environmental degradation of a fantasy world

SSS12.1 – Teaching Soil Science or how to teach that dirt is fascinating (co-listed) – Posters

Convener: A Jordán | Co-Conveners: L. M. Zavala, D. Badía-Villas, J. Liddicoat

Hall X/Y | Display Time 08:00–17:00

Author in Attendance: 15:30–17:00

Chairperson: Lorena M. Zavala and David Badía-Villas

- XY607 EGU2012-98
A.M. Luchian, D. Luchian, and N. Luchian
Water and Climate Change in the Classroom in the North-East of Romania
- XY608 EGU2012-768
D. Badía-Villas, C. Martí-Dalmau, and E. Íñiguez-Remón
A multimedia and interactive approach to teach soil science
- XY609 EGU2012-1667
M.R. Retegan
The unseen sides of the teachers work
- XY610 EGU2012-1724
M. Krzic, N. Basiliko, A. Bedard-Haughn, E. Humphreys, G. Price, L. Dampier, **S. Grand**, S. Dynatkar, and C. Crowley
Cyber Shovels in High School: An Online Soil Science Resource for Educators
- XY611 EGU2012-1726
R. Strivelli, M. Krzic, C. Crowley, S. Dyanatkar, A. Bomke, S. Simard, and **S. Grand**
Integration of Problem-Based Learning and Web-Based Multimedia to Enhance Soil Management Course
- XY612 EGU2012-4098
A. Toland and G. Wessolek
The Pedotopia Project: A Transdisciplinary Experiment in Soil Education
- XY613 EGU2012-6584
L. Benciolini and G. Muscio
Drawing rocks at primary school: a tool for emerging misconceptions and promoting conceptual change
- XY614 EGU2012-6734
R. Kopp and **J. Liddicoat**
Film Learning in the Classroom
- XY615 EGU2012-8361
A.Z. Gyongyosi, K. Andre, P. Salavec, A. Horanyi, G. Szepszo, M. Mille, P. Tasnadi, and T. Weidiger
Numerical Weather Prediction Models on Linux Boxes as tools in meteorological education in Hungary

- XY616 EGU2012-9261
I. Moeck, R. Sule, N.M. Saptadji, F. Deon, N.R. Herdianita, E. Jolie, N. Suryantini, and K. Erbas
The Geothermal Field Camp: Capacity building for geothermal energy systems in Indonesia
- XY617 EGU2012-11508
M. Sánchez-Marañón, G. Delgado, J. Párraga, J.M. Martín-García, and R. Delgado
The university gardens: a natural classroom for soil study
- XY618 EGU2012-13959
A Jordán, G Bárcenas-Moreno, and LM Zavala
Soil Science self-learning based on the design and conduction of experiments
- XY619 EGU2012-14010
A. Cerdà and C. Civera
Teaching Physical Geography to students older than 55. The GEOGRANS Project within the NAUGRAN program at the University of Valencia, Spain
- XY620 EGU2012-14313
K. Pearson and **J. Liddicoat**
Fostering Gender Equality and Achievement in Natural Science and Mathematics Instruction in Higher Education

