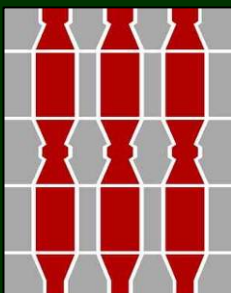




**European Commission
JRC Ispra
Action Leader Soil**

WITH THE PATRONAGE OF



Regione Umbria
Assessorato all'Ambiente e
allo Sviluppo Sostenibile

Perugia University
Engineering School



Thursday 5th February 2009 - 08:00

Venue:

Engineering School Hall 1
Via G. Duranti, 93 – 06125 Perugia

Friday 6^o February 2009 - 08:00

Meeting Point for on-site visit:

“Punto di manutenzione – PM” (Maintenance Point)
Highway A1 Milan-Naples - Exit “Orvieto”
Past the exit, immediately on the right

For organizational reasons we kindly ask you
to confirm your subscription by
February the 2nd 2009
returning this form either by mail or fax to:

Conference Organization:

PRATI ARMATI srl – Via del Cavaliere, 18
IT-20090 Opera (MI)
tel +39-02-57619146 – fax +39-02-57604165
e-mail: info@pratiarmati.it
website: www.pratiarmati.it

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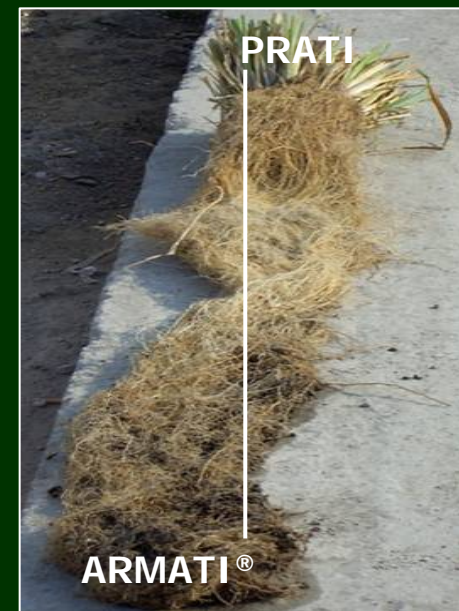
I will participate to:

- The Conference – Thu 5th Feb. 2009
- The on-site visit – Fry 6th Feb. 2009

As of Law 196/2003 on “Privacy Data” I do allow the
treatment of my personal data to participate to the
Conference and to receive following scripts

Date _____

Signature _____



**Workshop Sessions
on Soil Protection**

PRATI ARMATI®
*Against desertification
and soil erosion*

THURSDAY 5th of February 2009

Conference
Perugia University
Engineering School

FRIADAY 6th of February 2009
Visit to implemented areas in Umbria

SOME OF THE SITES IMPLEMENTED IN 2007-2008

LANDSLIDE IN OROPA (Biella) – 40.000 sqm

Stop soil erosion, drainage of rain waters, rinaturalization of the slope subject to landslide



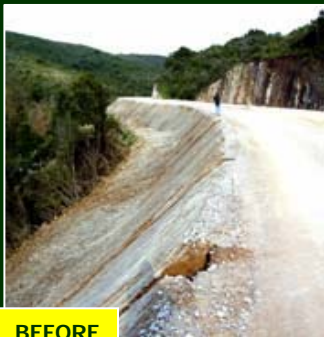
BEFORE



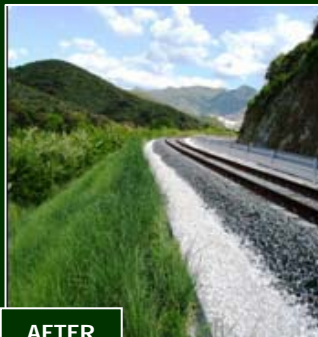
AFTER

SOLVAY SPA – S. VINCENZO (Livorno) – 50.000 sqm

Rinaturalization and stop to soil erosion on railway banks and slopes of the new road and railway built in the mine area



BEFORE



AFTER

ANAS SPA – HIGHWAY A3 SA-RC - Various lots

Interventions on various litotypes: clay, sand, limestone, gravel, ...



BEFORE



AFTER

CONFERENCE – Thursday 5th February 2009 - Morning

08:00 REGISTRATION

08:30 Openings by Local Authorities

09:00 **L. Montanarella, CE, JRC Ispra, Action Leader Soil** – The proposal for a European General Directive on Soil Protection

09:20 **V. Pane, Professor of Geotechnics, Perugia University**
Surface soil protection systems to prevent erosion and contribute to maintenance of stabilized landslides

09:40 **M. Cenci, Sec. Caves and Mines Cave, Service VI-DG Environment, Region Umbria** – Rinaturalization of dismissed caves and demand for soil protection: experiences in Umbria

10:00 COFFEE BREAK

10:30 **C. Zarotti, President PRATI ARMATI srl - PRATI ARMATI®** against desertification and soil erosion

11:30 **N. Era, Coordinator PRATI ARMATI srl Center-South Italy**
Applications on different lito-types

11:50 DISCUSSION AND DEBATE

12:25 **G. Calabresi, former Professor of Geotechnics, University of Rome “La Sapienza”** – Considerations

12:45 LUNCH

MODERATOR: C. Cencetti, Professor of Applied Geology, Dept. of Civil and Environmental, Perugia University

WORKSHOP – Thursday 5th February 2009 – Afternoon

Soil protection and rinaturalization
Comparison of experiences

15:00 **R. Picciafuoco, Plan Coordinator for Park of The Conero**
The Me.V.I. method applied to a possible use of PRATI ARMATI® in Park of The Conero (Ancona)

15:15 **Biella Province Representatives and C. Alessio, Studio A&K Geotech. Eng. (Turin)** – The landslide in Oropa (BI)

15:30 **M. Di Napoli, Autostrade per l’Italia spa** – Stop soil erosion on highway banks: the site of Fabro (TR)

15:45 **P. Marfisi, Representative of Cavatori ARCA (Teramo) and A. Fanti, Designer** – Stop soil erosion in the clay cave of Notaresco (Teramo)

16:00 COFFEE BREAK

16:30 **M. Battistelli and E. Riccardi, EcoGreen srl** – Rinaturalization of slopes in a calcium carbonate cave in Narni (Terni)

16:45 **R. Angeli, Friuli Venezia Giulia** – The use of PRATI ARMATI® in Friuli Venezia Giulia regional river works

17:00 **T. Onofri, GeaFaber srl** – Protective and productive forestry through Short and Medium Rotation Forestry

17:15 **A. Agostinelli, Dir. Miniera Cementerie Barbetti spa**
Protection of slopes in “Il Cavaliere” mine Gubbio (Perugia)

17:30 DISCUSSION AND DEBATE

18:15 **G. Calabresi, former Professor of Geotechnics, University of Rome “La Sapienza”** - Conclusions

MODERATOR: E. Martini, Director of Service for Hydrogeologic Risk, Caves and Environment, DG Environment Region Umbria

SITE VISITS – Friday 6th February 2009

09:00 – ABBADIA – ORVIETO (Terni)

Pyroclastic desegregated sediments



BEFORE



AFTER

10:30 – LUBRIANO (Viterbo) – Badlands



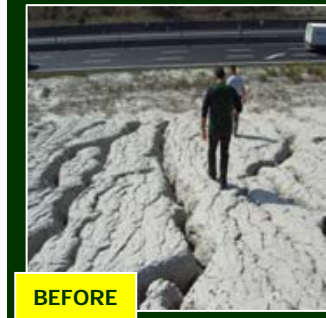
BEFORE



AFTER

12:00 – AUTOSTRADE PER L’ITALIA SPA – FABRO (Terni)

Pliocenic over-saturated clays - marine sediments



BEFORE



AFTER

13:30 – LUNCH – Carnaiola (Terni) Ristorante Desideria