

*Preliminary Program (October 2)*

# **Green Brownfields III – *Regeneration – Innovative Concepts***

**8 - 11 October 2006  
Castello di Lerici, Italy**

*Co-Sponsors*

U.S. EPA, UBA, CIF e.V., AUDIS, Osservatorio Siti Contaminati

*Chairs*

Dr. **Ivano Aglietto**, Ossservatorio Siti Contaminati, Milano, Italy  
Dr. **Daniele Cazzuffi**, CESI, Milano, Italy  
Prof. **Herbert Klapperich**, Technische Universität Bergakademie Freiberg, Germany  
Dr. **Francesca Neonato**, PN Studio, Milano, Italy  
Dr. **Guido Paliaga**, Università di Genova, Italy  
Prof. **Maria Chiara Zanetti**, Politecnico di Torino, Italy

# **ECI**

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## **Sunday, October 8, 2006**

17:30 – 19:30	Registration and Welcome by ECI
19:30 – 21:00	Dinner - offered by Lerici Municipality
21:15 – 23:00	Classical music concert - offered by Lerici Municipality

## **NOTES**

- **Please observe “No Smoking” at ECI technical sessions, meals and social hours.**
- **Speakers should allow time at the end of their presentation for questions and discussion.**
- **Please silence your cell phone during technical sessions.**
- **Breakfasts will be at the hotel where you are staying**
- **All coffee breaks and lunches will be at the Castello de Lerici**

**Monday October 9, 2006**

Breakfast at your hotel

09:30 - 10:00 Welcome Addresses: City of Lerici Major *Emanuele Fresco*  
City of Lerici Environmental councilor *Veruska Fedi*

Conference Opening: *Ivano Aglietto*  
*Daniele Cazzuffi*  
*Guido Paliaga*  
*Herbert Klapperich*

10:00 **Session 1: Risk Assessment and contaminated sites management**  
*Session chair: Ivano Aglietto*

10:00 - 10:15 INTEGRATED APPROACH GEOSTATISTICAL SIMULATION-PROBABILISTIC  
ANALYSIS APPLICATED TO RISK ASSESSMENT  
Claudia Cherubini

10:15 - 10:30 A SCENARIO ANALYSIS OF SITE REMEDIATION THROUGH  
DETERMINISTIC AND PROBABILISTIC HEALTH RISK ASSESSMENT  
Michele Notarnicola – Claudia Cherubini

10:30 – 10:45 GESTIONE DELL'ANALISI DI RISCHIO  
C.Sandrone

10:45 – 11:00 FLOW BEHAVIOR WITHIN FRACTURED MEDIA  
Konstantinos Kostarelos

11:00 -11:15 Discussion

11:15 - 11:30 Coffee Break

11:30 **Session 2: Advanced technologies for remediation on contaminated sites**  
*Session chair: Daniele Cazzuffi*

11:30 - 11:50 CHEMICAL REDUCTION TESTS FOR THE REMEDIATION OF AN  
INDUSTRIAL SITE POLLUTED BY PCE  
Maria Chiara Zanetti – Silvia Fiore

11:50 - 12:10 A NEW SYSTEM FOR THE AEROBIC REMEDIATION OF MSW LANDFILLS  
Ivano Aglietto

12:10 - 12:30 GEOSYNTHETIC DEVELOPMENTS IN GROUND GAS PROTECTION ON  
BROWN FIELD SITES  
Peter Atchison

12:30 – 12:50 THE APPLICATION OF JET GROUTING TECHNIQUE IN REMEDIATION OF  
CONTAMINATED SITES  
Paolo Cancelli

12:50 - 13:05	Discussion
13:05 - 14:30	Lunch
14:30	<b><u>Session 3: Phase One assessment and recovery plan</u></b> <i>Session chair: Mariachiara Zanetti</i>
14:30 - 14:50	THE REDEVELOPMENT AND ENVIRONMENTAL RESTORING OF BROWNFIELDS: A PROPOSAL WITH GUIDELINES Tiziana Cianflone - Giuseppe Di Marco
14: 50 - 15:10	INTEGRATION OF ELECTRICAL AND ELECTROMAGNETIC INVESTIGATION FOR A CONTAMINATED SITE Alberto Godio
15:10 - 15:30	FROM COAL TO GEOTHERMAL ENERGY - RENEWABLE ENERGIES ON FORMER MINING SITES Wolfgang Quecke
15:30 - 15:50	BIOSLURPING INTERVENTION DIMENSIONING FOR A NAPL CONTAMINATED SITE Maeva Brunero Bronzin
15:50 – 16:10	POTENTIAL ACCUMULATION OF ARSENIC AND LEAD IN PHYTOREMEDIATION TREATMENTS OF IDUSTRIALLY CONTAMINATED SOILS: A COMPARATIVE LABORATORY STUDY Pietro P. Falciglia
16:10 - 16:25	Discussion
16:25 - 16:40	Coffee Break
16:40 - 18:00	Poster session
19:00	Dinner at Hotel Europa

**Tuesday October 10, 2006**

Breakfast at your hotel

09:00

**Session 4: The Italy-German experiences in Brownfield research**

*Session chair: Herbert Klapperich*

09:00 - 09:15

M. Hauschild, BMBF REFINA -program - start & progress-

09:15 - 09:30

LAND RECYCLING AND REUSING: MAN MADE TERRACES, A PECULIAR PROBLEM IN THE LIGURIA REGION, Gerardo Brancucci

09:30 - 09:45

Volker Franzius

09:45 - 10:00

BROWNFIELDS AND VISUAL IMPACT ASSESSMENT: PROPOSAL OF A QUANTITATIVE TECHNIQUE FOR THE VIEWPOINT ANALYSIS, Guido Paliaga

10:00 - 10:15

D. Grimski, UBA Brownfield-research

10:15 – 10:30

BROWNFIELDS RESEARCH & EDUCATION AT TURIN POLYTECHNIC  
Maria Chiara Zanetti

10:30 – 10:45

BROWNFIELD REDEVELOPMENT - AN INTERDISCIPLINARY TASK IN INNER CITY DEVELOPMENT  
Herbert Klapperich

10:45-11:00

Discussion

11:00-11:15

Coffee Break

11:15

**Session 5: Decisional tools for brownfields regeneration**

*Session chair: Francesca Neonato*

11:15 - 11:30

THE POLICY OF AGREEMENT (CONCERTATION) THROUGH CONSULTATION AS A WAY TO FACE AND SOLVE PROBLEMS RELATED TO GREEN BROWNFIELDS RECLAMATION AND RECOVERY.  
Gaetano Schena

11:30 - 11:45

BROWNFIELDS REDEVELOPMENT AS MAINTENANCE OF THE BIODIVERSITY AND EXPERIMENTATION OF ENVIRONMENTAL DIDACTIC LABORATORIES,  
Antonella Valitutti

11:45 - 12:00

NATURE AS AN OPPORTUNITY OF SUSTAINABLE REGENERATION  
Francesca Neonato

12:00 -12:15	EXPERIMENTAL APPLICATION OF CHELATING AGENTS IN HEAVY METALS CONTAMINATED SOILS TREATMENT Carlo Collivignarelli
12:15 - 12:30	Discussion
12:30 - 14:00	Lunch
14:00 - 16:30	Site visit: The Gulf of La Spezia

**Wednesday October 11, 2006**

- 09:00 - 10:30      **Case Histories**  
*Session chair: Guido Paliaga*
- 09:00 - 09:15      GNL-SNAM INDUSTRIAL SITE IN PANIGAGLIA (La Spezia - Italy)  
Adriana Gherzi
- 09:15 - 09:30      CARATTERIZZAZIONE E PROGETTAZIONE DEGLI INTERVENTI DI  
RECUPERO AMBIENTALE ED URBANISTICO DI UNA CAVA REINTERRATA  
INCLUSA NEL TESSUTO URBANO DI MILANO,  
Domenico Santi
- 09:30 - 09:45      CHANGING LANDSCAPES IN LUSATIA (IBA FÜRST-PÜCKLER-LAND 2000 –  
2010  
Rolf Kuhn
- 09:45 - 10:00      Lerici case history  
Veruschka Fedi
- 10:00 - 10:15      coffee break
- 10:15 - 12:15      **Round Table**  
*Moderator: Guido Paliaga*  
*Co-chair Prof. Franzius*
- 12:15 - 14:00      Lunch and departures