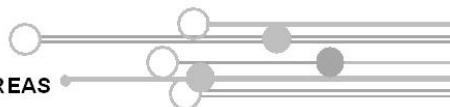




3rd INTERNATIONAL CONFERENCE
INNOVATIVE SOLUTIONS FOR
REVITALIZATION OF DEGRADED AREAS



SECOND ANNOUNCEMENT

3rd INTERNATIONAL CONFERENCE INNOVATIVE SOLUTIONS FOR REVITALIZATION OF DEGRADED AREAS

Ustron, 7 – 9 October 2009

Organizers:



The Research and Supervisory Centre of
Underground Mining Co. Ltd in Łędziny



Institute for Ecology of Industrial Areas in Katowice

Under the patronage of

Waldemar Pawlak, Deputy Prime Minister, Minister of Economy

Maciej Nowicki, Minister of Environment

Zygmunt Łukaszczyk, Voivodeship of Silesia

Bogusław Śmigielski, Marshal of the Silesian Voivodeship

THEMATIC SCOPE

- Hazardous substances in degraded areas
 - Self-purification process in soil-water environment
 - Remediation technologies for degraded areas
 - Revitalization of urban and industrial areas in town-planning and regional development strategy
 - Natural succession in post-industrial areas
 - Social and economical aspects of revitalization of degraded and post-industrial areas
- Papers will focus on natural, technological, engineering, planning, designing, economical and social aspects of revitalization of degraded and post-industrial areas.

TIME AND VENUE

7 – 9 October 2009

Ustroń, JASKÓŁKA Hotel, 10, Zdrojowa Street

www.jaskolka.com.pl

LANGUAGE

The conference will be held in English and Polish.

PARTICIPANTS

The invitation is extended to state and private organizations as well as local governments involved in the process of revitalization of degraded areas, particularly post-industrial sites, i.e. local and regional authorities, site owners, companies dealing with soil and groundwater remediation and land reclamation, construction companies, academia, R&D units, experts, consultants, banks, and insurance companies from Poland and abroad.

CONFERENCE MATERIALS AND MONOGRAPH

Abstracts will be published in a conference brochure, full texts will be disseminated on a CD. After the conference the papers will be approved by the Scientific Program Committee and published in the **monograph**: "Innovative Solutions for Revitalization of Degraded Areas".

PROMOTION

- Promotion of companies in conference materials
- Promotion paper
- Promotion stand (2 m², additional space for negotiation)

REGISTRATION FEE

Registration fee includes participation in the meeting, conference materials, accommodation, meals and accompanying events.

Registration fee must be paid to the following bank account:

**Bank Spółdzielczy Tychy Bank account number:
75 8435 0004 0000 0002 3908 0001**

DEADLINES

Registration of participants → 21 September 2009

Applying for promotion of the company during the conference → 31 August 2009

CONFERENCE WEBSITE

www.cbidgp.pl

MEDIA PATRONAGE



INTRODUCTORY PROGRAM

7 OCTOBER 2009 – WEDNESDAY

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|---------------|--|
| 11:00 – 12:30 | Registration |
| 12:30 – 13:30 | Lunch |
| 13:45 – 14:00 | Inauguration of International Conference – Zygmunt Folta M.Sc. , President of The Research and Supervisory Centre of Underground Mining Co. Ltd (CBiDGP), Łędziny |

PANEL SESSION State policy towards areas degraded due to industrial activities

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|---------------|--|
| 14:00 – 15:45 | Participation in this discussion: <ul style="list-style-type: none">• Bernard Błaszczyk – Ministry of the Environment, Warsaw• Jerzy Swatoń – National Fund for Environmental Protection and Water Management, Warsaw• Joanna Piekutowska, Chief Inspectorate for Environmental Protection, Warsaw• Jan Dulewski – State Mining Authority, Katowice• Jerzy Ziara – Marshal Office of the Silesian Voivodeship, Katowice• Tadeusz Adamski – Marshal Office of the Silesian Voivodeship, Katowice• Marek Korcz – Institute for Ecology of Industrial Areas, Katowice• Representative of Minister of Economy• Representative of Ministry of Regional Development |
| 15:45 – 16:00 | Coffee break |

1st SESSION Social and economical aspects of revitalization of degraded and post-industrial areas

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|---------------|--|
| 16:00 – 16:15 | Reclamation of areas affected by the activity of the hard coal mines of Katowicki Holding Węglowy S.A. – Stanisław Gajos M.Sc., Wojciech Dygdała M.Sc., Urszula Mieszczak M.Sc., Sławomir Szwajda M.Sc., Katowice Coal Holding S.A., Katowice, Poland |
| 16:15 – 16:30 | The opportunities for eco-development of regions using the anthropogenic qualities of areas of the abandoned open cast mines – Dr. Elżbieta Pietrzyk-Sokulska, Mineral and Energy Economy Research Institute, Cracow, Poland |
| 16:30 – 16:45 | The procedure and role of human health risk assessment in the remediation process of contaminated sites – Dr. Eleonora Wcisło, Institute for Ecology of Industrial Areas, Katowice, Poland |
| 16:45 – 17:00 | Industrial Parks - a Tool for Revitalization of Urban and Industrial Areas – Magdalena Daczyńska M.Sc., Silesian University of Technology, Gliwice, Poland |
| 17:00 – 17:15 | Verification of the risk management tools for assessing the demand for environmental technologies for revitalisation of the post-industrial areas – Dr. Włodzimierz A. Sokół, Central Mining Institute, Katowice, Poland |

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| 17:15 – 17:30 | The social dimension of industrial and urban revitalization – Dr. Justyna Gorgoń, Institute for Ecology of Industrial Areas, Katowice, Poland |
| 17:30 – 17:45 | The public acceptance of reclamation activities in industrial areas, exemplified by the city of Jastrzebie Zdroj (Silesian voivodship) – Dr. Małgorzata Pawul, Prof. Wiktoria Sobczyk, AGH University of Science and Technology, Cracow, Poland |
| 17:45 – 18:15 | Discussion |
| 19:30 | Gala Dinner |

8 OCTOBER 2009 – THURSDAY

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| 8:00 – 8:45 | Breakfast |
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2nd SESSION Hazardous substances in degraded areas

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| 9:00 – 9:15 | The application of biotests as indicators of soil contamination – Dr. Grażyna Płaza, Institute for Ecology of Industrial Areas, Katowice, Poland, Dr. Grzegorz Jawecki-Nałęcz, Medical University of Warsaw, Poland, Prof. Rosa Margesin, Institute of Microbiology, Innsbruck University, Austria |
| 9:15 – 9:30 | The effect of physico-chemical parameters on biodegradation of 2,4,6 trinitrotoluene in soil – Katarzyna Moraczewska-Majkut M.Sc., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 9:30 – 9:45 | Methods of marking selected priority substances in estimation of quality of water environment – screening examination of samples collected from Silesia Voivodeship Areas – Izabela Fulara M.Sc., Jacek Wypych M.Sc., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 9:45 – 10:00 | Application of phytotoxkittm test for an assessment of soils polluted with heavy metals – Prof. Czesława Jasiewicz, Dr. Agnieszka Baran, Dr. Jacek Antonkiewicz, Agricultural University, Cracow, Poland |
| 10:00 – 10:15 | Application of hydrogeochemical modelling to evaluate the influence of mining waste on groundwaters, a case study from CSOG in Knurów – Katarzyna Samborska M.A., Maciej Terakowski M.Sc., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 10:15 – 10:30 | Uses of Common Birch (<i>Betula Verrucosa</i>) for Large-Area Monitoring of Water and Soil Environment – Dr. Włodzimierz Łukasik, Institute for Ecology of Industrial Areas, Katowice, Poland |
| 10:30 – 10:45 | Ecotoxicological tests in the strategy of environmental reclamation and revitalisation – Prof. Stanisław Baran, Agricultural University, Lublin, Poland |
| 10:45 – 11:15 | Discussion |
| 11:15 – 11:30 | Coffee break |

3rd SESSION Remediation technologies for degraded areas

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| 11:30 – 11:45 | The use of lignite and grasses species for chemophytostabilization of soils heavily polluted with metals – |
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| | Jacek Krzyżak M.A., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 11:45 – 12:00 | Changes in arsenic mobility after soil amending with phosphate compounds as a heavy metal stabilizers – Marta Pogrzeba M.A., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 12:00 – 12:15 | Uses of Willow for Remediation and Energy Production within Polluted Areas – Dr. Jerzy Szdzuj, Dr. Włodzimierz Łukasik, Institute for Ecology of Industrial Areas, Katowice, Poland |
| 12:15 – 12:30 | A novel non – combustion technology of catalytic dehalogenation of POPs: copper mediated destruction (CMD) – Dr. Tomasz Ocelka, Institute of Public Health in Ostrava, Czech Republic |
| 12:30 – 12:45 | Flotation technology for energetic industry waste utilization – Dr. Andrzej Wieniewski, Dr. Bożena Skorupska, Dr. Damian Mazurek, Institute of Non-Ferrous Metals, Gliwice, Poland |
| 12:45 – 13:00 | Biodegradation of weathered petroleum contaminants in waste pits area – Dr. Teresa Steliga, Piotr Jakubowicz M.A., Oil & Gas Institute, Krosno, Poland |
| 13:00 – 13:45 | Lunch |
| 14:00 – 14:15 | Full-scale in-situ chemical reduction for remediation of cvocs at an industrial site in The Netherlands – Andrzej Przepiora M.Sc., Adventus Group, Waterloo, Ontario, Canada, Willem Havermans, NTP MILIEU Enschede, The Netherlands |
| 14:15 – 14:30 | In Situ Geochemical Stabilization (ISGS) for NAPL Management – Andrzej Przepiora M.Sc., Adventus Group, Waterloo, Ontario, Kanada, Jim Mueller Ph.D., Adventus Group, Freeport, IL USA |
| 14:30 – 15:00 | Discussion |
| 15:00 – 15:15 | Coffee break |
| 4th SESSION | Revitalization of urban and industrial areas in town-planning and regional development strategy |
| 15:15 – 15:30 | The meaning of the biological recovery of the post-industrial sites in the presence of increased investments. Dylema of revitalisation processes in Zurich, Switzerland – Dr. Anna Włodarczyk, Institut fuer Landschaftsarchitektur und Freiraumplanung Technische Universitaet, Berlin, Germany |
| 15:30 – 15:45 | The functioning of the idle land in the southern part of Poznań – Jacek Zatoński M.A. – Adam Mickiewicz University, Poznań, Poland |
| 15:45 – 16:00 | The development of the model of transformations for the degraded areas on the base of the examples of the International Building Exhibition (IBA) in Germany – Bartłomiej Buława M.Sc., Silesian University of Technology, Gliwice, Poland |
| 16:00 – 16:15 | Multivariant conception of reclamation landfills of industrial and hazardous waste GÓRKA in Trzebinia – Dariusz Choromański M.A., Dr. Wojciech Wołkowicz, Dr. Tomasz Nałęcz, State Geological Institute, Warsaw, Poland |
| 16:15 – 16:30 | The environmental heritage of the western Jasło-Krosno crude-oil district – Dr. Ewa Jadwiga Lipińska, State Higher Vocational School, Krosno, Poland |

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| 16:30 – 17:00 | Discussion |
| 18:00 | Open Air – Dinner |
| 9 OCTOBER 2009 – FRIDAY | |
| 8:00 – 9:00 | Breakfast |
| 5th SESSION | Self-purification process in soil-water environment |
| 9:00 – 9:15 | Water reservoirs as an environmentally-friendly form of post-mine areas revitalisation – Jerzy Matuszewski M.Sc., HYDROPROJEKT Sp. z o.o., Warsaw, Poland |
| 9:15 – 9:30 | Identification of the causes of surface water quality changes using the water balance model: the Klodnica catchment case study – Rafał Ułańczyk M.Sc., Institute for Ecology of Industrial Areas, Katowice, Poland |
| 9:30 – 9:45 | Anthropogenic water reservoir – function and proposal of manage – mgr Monika Działoszyńska-Wawrzekiewicz, Institute for Ecology of Industrial Areas, Katowice, Poland |
| 9:45 – 10:15 | Discussion |
| 10:15 – 10:30 | Coffee break |
| 6th SESSION | Natural succession in post-industrial areas |
| 10:30 – 10:45 | The biodiversity changes in the forests of the zakłady azotowe “Puławy” protective zone under diminishing anthropoppression – Dr. Tomasz Staszewski, Piotr Kubiesa M.Sc., Institute for Ecology of Industrial Areas, Katowice, Poland Dr. Aldona Uziębło, University of Silesia, Katowice, Poland |
| 10:45 – 11:00 | The changes in the relief of dune sand excavations – Aleksandra Szczepańska M.A., University of Humanities and Sciences, Kielce, Poland |
| 11:00 – 11:15 | Use of natural succession in reclamation of post-flotation tailings – Dr. Przemysław Ryszka, Jagiellonian University, Cracow, Poland, Dr. Magdalena Zarzyka-Ryszka, Dr Grażyna Szarek-Łukaszewska, Institute of Botany, Polish Academy of Sciences, Cracow, Poland |
| 11:15 – 11:30 | Spontaneous processes on post industrial sites - the possibility of use in revitalization – Dr. Gabriela Woźniak, Dr. Edyta Sierka, University of Silesia, Katowice, Poland |
| 11:30 – 12:00 | Discussion |
| 12:00 – 12:15 | Conclusion – Dr. Jan Skowronek , Director of Institute for Ecology of Industrial Areas, Katowice, Poland |
| 12:30 – 13:00 | Lunch |
| 14:00 | Departure of Participants |

SCIENTIFIC PROGRAM COMMITTEE

- **Bernard BŁASZCZYK** – Ministry of the Environment, Warsaw, Poland – **Honorary President**
- **Prof. Stanisław BARAN** – Agricultural University in Lublin, Poland – **President**
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- **Andrzej SZYMKIEWICZ, M.Sc.** – The Southern Poland Coal Company (Południowy Koncern Węglowy), Jaworzno, Poland
- **Dr. Leszek TRZĄSKI** – Central Mining Institute, Katowice, Poland
- **Anna WRZEŚNIAK, M.Sc.** – Silesian Voivodeship Inspectorate for Environmental Protection, Katowice, Poland
- **Jarosław ZAGÓROWSKI, M.Sc.** – Jastrzębie Coal Company, Jastrzębie Zdrój, Poland

ORGANIZING COMMITTEE

- **Czesław FILIPEK, M.Sc., Małgorzata RYSZKA, M.Sc.** – CBiDGP
- **Wanda JAROSZ, M.Sc, Patrycja PRZEWOŃNIK, M.A.** – IETU

CONFERENCE OFFICE

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REGISTRATION FORM

| | | | |
|-------------------------------------|--|---------------------------|--|
| TITLE | | NAME AND SURNAME | |
| POSITION | | | |
| NAME AND ADDRESS OF THE INSTITUTION | | | |
| PHONE NUMBER | | FAX | |
| E-MAIL | | TAX IDENTIFICATION NUMBER | |

I declare my participation in the Conference in the following forms
(insert x at the right position)

- ① stay (accommodation, meals, conference materials - **400 EUR**),
- ② stay of the paper presentation's author - **350 EUR**
- ③ presentation and publication of the presentation in conference materials,
- ④ publication of the presentation in conference materials,
- ⑤ company's advertisement in conference materials (1 page, according to the previously sent design - **350 EUR**)
- ⑥ promotional presentation – company promotion (20 minutes) - **350 EUR**
- ⑦ promotional stand (2 m²) - **280 EUR** (additional space for negotiation),
- ⑧ other forms of participation (as agreed with the Organizer).

REGISTRATION FEE

Registration fee includes participation in the meeting, conference materials, accommodation, meals and accompanying events.

I declare that the amount of EUR (points 4-7) will be transferred by **15th of September 2009** and the amount of EUR (point 1) – by **1st of October 2009** to the following bank account number: **Bank Spółdzielczy Tychy: 75 8435 0004 0000 0002 3908 0001**

Resignation procedure: Resignation from the conference must be made in writing (fax) not later than 3 days before the conference. If resignation is made after this date no costs will be refunded.

I hereby agree for processing the submitted personal data strictly for the purposes of the Conference (Act on Personal Data Protection dated 29 August 1997, Polish Journal of Laws No 133 Item 883 with further amendments).

.....
Signature of Member

.....
Signature of Managing Director

.....
Signature of Chief Accountant