

# RegioResources 21-2014

A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources



RegioResources 21 started in 2011 to establish a **permanent cross-disciplinary dialogue** on sustainability features in planning, decision and policy making at multiple scale levels. The conference series intends (i) to **provide an overview** on the most recent questions and innovative solutions and (ii) to **facilitate the intellectual exchange and methodological transfer** between different disciplines involved in regional resource management, planning, decision making and policy support. The 2014 conference will be organized jointly by Global Land Project and the European Land-use Institute as European Nodal Office of the GLP together with the Ecosystem Services Partnership (ESP), working group 9, Application of Ecosystem Services in Planning, Management and Restoration, IALE and IUFRO WG Landscape Ecology.

## Topic 2014

Regions in Transition – Restoring Environment, Landscapes and Services

## Aims and scope

Regions in transition undergo major political, social and economic reforms. At EU scale, such regions are defined by a "per capita GDP between 75% and 90% of the EU average" (European Parliament Plenary Session on Regional policy– 05-07-2011). Having a broader view on the specific characteristics of such regions, they are often characterized by visible success in economic development, but at the same time by heavy environmental problems and often insufficient infrastructural facilities. Appropriate spatial and environmental planning instruments that could help to control further overexploitation of natural resources and land are often missing or not readily applied in practice. This worsens already existing conflicts between economic considerations and sustainable development of essential natural resources. However, economic welfare of local citizens might already have been improved so that they start to actively request a regional development towards better health and life quality. The 2014 conference will take place in Katowice, Upper Silesia, Poland as typical example for regions in transition in Central Europe with high economic and industrial potentials and great environmental burdens.

**The conference RegioResources 21-2014** picks up the questions,

- What are suitable tools for supporting an integrated land and water management that enhances sustainable regional development?
- How to moderate between economic interests and ecological concerns? Is the ecosystem services concept ready for planning support and policy consulting?
- Which requests arise for governance / planning schemes that ensure also active involvement of local citizens, their needs and their concerns?
- How to deal with "Technotopes" – a new understanding of human-designed habitats and a challenge for expanding eco-societal wisdom in metropolitan context?

We welcome especially highly interdisciplinary contributions, case studies that put emphasis on lessons learnt and recommendations from practice and input or discussion notes that demonstrate innovative ideas how to respond to the questions. The presentations given at the conference will be invited to participate at a special issue (journal still in discussion) and / or to submit a contribution to CASES (Change and Adaptation in Socio-Ecological Systems, <http://www.degruyter.com/view/i/cass>).





## Where and when?

The conference RegioResources 21 will be held September, 15 - 17 at Katowice, Poland and will be hosted by the Central Mining Institute.

**Venue:** Główny Instytut Górnictwa, Plac Gwarków 1, 40-166 Katowice

## How to get there:

From the airport "Pyrzowice-Katowice": via Public Transport or Taxi

Taxi: (about 30 minutes – about 25 euro)

+48 32 201 42 00,  
+48 32 209 09 09,  
+48 32 300 00 00

Bus: Take the bus No. "Lotnisko" (about 50 minutes)

From the airport "Kraków":

via Public Transport

Take the train, bus or taxi to Kraków Centre and then take a train or a bus from Kraków to Katowice Centre.

From the Katowice railway station: via Public Transport or Taxi

Taxi : (about 5 minutes – about 5 euro)

+48 32 201 42 00,  
+48 32 209 09 09,  
+48 32 300 00 00



Tram: Take the tram No. 16 from the station "Rynek". Get off at station "Misjonarzy Oblatów"

Bus: Take the bus No. 27 from the station "Mickiewicza". Get off at station "Koszutka GIG".

By walk: About 15 minutes walking distance to GIG.



## Conference structure

The 2014 conference follows the vision to combine scientific exchange, stakeholder consultation and give you an impression of the typical characteristics of regions in transition. Therefore, we will structure it into three components:

- I *Research and Science meeting* – 1.5 days (Monday, 15 – Tuesday, 16)
- II *Stakeholder consultation* – discussion with regional decision and policy makers, short presentations of suitable tools and solutions – 0.5 days (Wednesday, 17)
- III *Excursion – Technotope Upper Silesia* – some typical impressions and research issues – (Wednesday 17) and wrap up of the conference

## Research and Science meeting – call for abstracts

The topics listed below are propositions for the sessions. Participants are also welcome to suggest own sessions or side meetings. The mission of the 2014 conference is to give enough space for scientific exchange and networking

**Deadline for registration and abstract submission** will be July, 31, 2014. More details will be soon available under: <http://regioresources21.eli-web.com>

### *I thematic session – Integrated Land and Water Management*

Emerging policies, support tools and practical solutions

*Keynote:* Prof. Dr. Wolfgang Flügel (*inquired*), University Jena, Germany

### *II thematic session – Ecosystem services for decision making and policy consulting*

Perception and transfer to decision makers, planners and policy makers at different scales



*Keynote:* Prof. Dr. Davide Geneletti, Department of Civil, Environmental and Mechanical Engineering, University of Trento (*approved*)

### *III thematic session – Regional planning tools for technotopes and metropolises*

Environmental restoration planning, participation processes, best practices



*Keynote:* Dr. Marcin Spyra, Opole University of Technology, Poland (*approved*)

*IV – Involving stakeholders – best practices, experiences from case studies and recommendations – round-table or workshop game*



*Keynote:* Prof. Dr. Christian Wichmann Matthiessen, DK (*approved*)



## Stakeholder Consultation – call for contributions

Aim of the stakeholder consultation is to bring together local and regional planners, decision and policy makers with scientists that can present ready-for-use instruments for practical application in Integrated Land and Water Management, Ecosystem Services Assessment and Mapping or Spatial Planning. These presentations should be short, put emphasis on the value of the presented approach for the practice and presenters should be prepared to demonstrate the use by a practical example.

**Deadline for registration and abstract submission** will be July, 31, 2014. More details will be soon available under: <http://regioresources21.eli-web.com>

## Excursion – Regions in Transition

With the excursion, we will explore a transect from highly used and completely artificially designed technotopes to examples how restoration processes – driven by changing societal needs and perception of environmental quality. The excursion include visit at historic colal mine Guido in the city of Zabrze. Additional registration will be requested; maximally 30 – 40 participants.

**Deadline for registration will be** is July, 31, 2014. More details will be soon available under: <http://regioresources21.eli-web.com>

## Wrap up of the conference

In a smaller group we will finally compile lessons learnt, research and development questions to solve and how to proceed especially in science-practice collaboration and transfer of scientific advances to policy consulting and decision making. Participants of this event will be invited separately.



## Who?

### Conference organization team

Hosting Institution Central Mining Institute (Department of Water Resources Management)

Dr. Jan Bondaruk, [j.bondaruk@gig.eu](mailto:j.bondaruk@gig.eu)

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### Scientific committee

Dr. Jan Bondaruk, PL

Dr. Marcin Spyra, PL

Prof. Dr. Zbigniew Kaminski, PL

Dr. Daniele La Rosa, IT

Prof. Dr. Piotr Obracaj, PL

Dr. Luis Inostroza, CZ/D

Dr. Christian Albert, D

Prof Dr. Christian Wichmann Matthiessen, DK

Prof. Dr. Marion Potschin, UK

Prof. Dr. Carsten Lorz, D

Prof. Dr. Davide Geneletti, IT

Dr. Joao Azevedo, PT

Dr. habil. Anna Śliz, PL

Dr. Marta Cardin Pelorosa, ES

Dr. Emilio Diaz, ES

PD Dr. Christine Fürst, D

Prof. Dr. Dolf de Groot (ESP), NI (*inquired*)

Prof. Dr. Sandra Luque, F (*inquired*)

Dr. Slawomir Anusz, PL (*inquired*)

Prof. Dr. Wolfgang Flügel, D (*inquired*)

**PLACE OF THE VENUE:****GŁÓWNY INSTYTUT GÓRNICTWA (CENTRAL MINING INSTITUTE)**

The Central Mining Institute (GIG) is a restructured scientific and development organization with 80 years experience, subordinated to the Minister of Economy, working for the benefit of the mining industry, enterprises representing different branches - including small and medium enterprises, state and local administration institutions and offices, and foreign partners.

Currently the four basic areas of our activities constitute: mining engineering, environmental engineering, problems relating to quality, education and training. GIG is one of the most acknowledged partners in such areas of activities as waste management, raw materials recycling, energy audits as well as modernization of energy economy of municipalities and enterprises, optimization of water supply and sewage disposal, environmental monitoring, Cleaner Production programme, programmes of sustainable development of municipalities (rural districts), and regions. Experts and research teams of GIG provide multidisciplinary services supporting regional and local authorities as well as government institutions.

Long-term cooperation with prestigious domestic and foreign research centres and business supporting institutions as well as successful implementation of innovative solutions for both industry and communal sector are our additional assets. GIG also puts an emphasis on education. Training and Information Centre offers: various types of education and training activities, including postgraduate studies, courses, trainings. Centre also offers consulting for small and medium enterprises. We conduct postgraduate studies in cooperation with universities, such as: Warsaw School of Economics, Jagiellonian University. A sustainable development principles are key drivers of our research and service activities. In Poland, GIG has close links with the Silesia Region, the most important Polish industrial region (the 14th largest and 2nd most populous voivodeship in Poland – 4,7 million inhabitants) with legal status of Regional Public Authority, responsible for implementing regional policy and Metropolitan Association of Upper Silesia, the umbrella association gathering 14 cities (the largest urbanised area in the Central-Eastern Europe, 2 million inhabitants), shaping the development strategy of the area - facilitating cooperation, establishing joint projects and following the main development strategies in Europe.

Moreover, the broad scope of GIG activities is a tangible contribution in the European Research Area. Thus, GIG has experience in European RTD projects cofinanced by FP, ECSC, INTERREG, LIFE and others.





## ATTRACTION:

### GUIDO

The Coal Mining Museum is the largest and most important tourist and cultural institution in Zabrze. From April 2nd 2013 the Museum is a single entity, established on the basis of merging the Historic Guido Coal Mine with the former Coal Mining Museum in Zabrze (with a seat located in the former county office at 3 Maja Street 19). The new institution comprises the Queen Louise Adit complex as well, which, along with the Guido Mine, will soon become one of the most interesting tourist attractions of Zabrze. The complex consists of the Queen Louise Mine and Main Key Hereditary Adit underground galleries.

The newly established Coal Mining Museum offers a wide range of tourist and museum offer, above all aimed at exploring the region's mining heritage. The visitors can enjoy here the deepest located tourist routes in a coal mine in Europe, offering many activities, relating to both the contemporary and historical mining. The first structure striking tourists visiting "Guido" mine is the "Railway" shaft hoisting tower, built in 1931. This steel, riveted tower, up to 1888 was of wooden construction. The "Railway" shaft (diameter of 4m) is equipped with a "Berlin" hoisting machine from 1927 (with a 560kW DC motor), which transports visitors to the levels of 170m and 320m below the ground. The Level 170 presents the mining tradition and culture as well – one can see the exhibition of mining tools, rescue equipment there as well as beautiful geological exhibition. All of it in excellently preserved mining corridors and chambers. The geological structure of the place itself is also very interesting.



Source: [www.kopalniaguido.pl](http://www.kopalniaguido.pl)



Source: [www.kopalniaguido.pl](http://www.kopalniaguido.pl)

Layers of rocks with marks of tectonics, calcite formations and crystals – a kind of inanimate nature reserve – enhance the unique atmosphere of the underground world. Level 320 is the deepest level of the mine, drilled at the turn of the 19<sup>th</sup> and 20<sup>th</sup> centuries, with a system of corridors based on two excavations with a total length of over 2km. These corridors are long, often unsupported, drilled in the No.620 coal seam. Since 1967 this level was used by the Experimental Mine M-300. Here you will learn, how the mining technique has developed since the end of the 19<sup>th</sup> century until nowadays.

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### NIKISZOWIEC (German: Nikischschacht)

A part of an administrative district Janów-Nikiszowiec of Katowice city. Initially it was coal miners' settlement of Giesche mine built on the land of Gieschewald manor (Giszowiec) between 1908–1918 on the mining – metallurgical concern initiative Georg von Giesches Erben. On 9 May 1924, the manor was liquidated, and Nikiszowiec together with Giszowiec were incorporated into Janów district.

In 1951 the district became a part of a new city – Szopienice, however, this decision was voided in 1960, when both Szopienice and Nikiszowiec were incorporated to Katowice.

The

remnants of the  
original workers'  
housing estate



Source: [www.katowice.eu](http://www.katowice.eu)



familoks (specialized multi-family residences) comprise one of the Polish National Historic Monuments (Pomnik historii), as designated January 28, 2011 and tracked by the National Heritage Board of Poland.

### SILESIA MUSEUM

The beginnings of the Silesian Museum go back to **1924**, which is the date of establishing Towarzystwo Muzeum Ziemi Śląskiej (Society of Museum of Silesian Land). The society started to collect objects of cultural and spiritual value created in Silesia. Formally, after the resolution was passed by the Silesian Parliament on the **23rd January 1929**, the Silesian Museum was set up and in May the first exhibition opened to the public. The museum pieces were displayed on the fifth floor of the Provincial Office and the Silesian Sejm building. Its first director was Tadeusz Dobrowolski, who instigated the whole program of this institution and coordinated it. He started with assembling items like: folk costumes, handicraft, paintings and a collection of sacred art.

To the present day the museum has assembled **109 000 items** from different fields of art as well as archaeological, ethnographic and historical artefacts and works representing non-professional art. In 1991 a new branch was set up – Centre for Polish Scenography, (Katowice, pl. Sejmu Śląskiego 2), which has no equivalent in Poland. It contains designs of decorations and theatre costumes, mock-ups, props, puppets and paraphernalia from the best productions of the last 50 years. Since 2008 the museum has been run by the director Leszek Jodliński.

The construction of the new building for the Silesian Museum in Katowice – adaptation of the property of the old 'Katowice' coalmine with its post-industrial facilities is one of the key undertakings of the Silesian Voivodeship. The plot of land for the new location was acquired in 2005 and it is situated in the once industrial downtown of the city including the site of '**Katowice**' **coal-mine**. On top of the modern new construction, the project encompasses adapting the old post-industrial 19th and early 20th c. buildings, including two shafts – 'Warszawa II' and 'Bartosz', among others. The latter being of particular historical value due to the 19th c. steam hoisting machine. Opening of the new building, part of which will be underground, is planned for 2014.



Source: [www.muzeumslaskie.pl](http://www.muzeumslaskie.pl)