

14. Internationale Jahrestagung der Fachsektion GeoTop in der DGG
and 6th International Symposium on Conservation of Geological Heritage

Second Circular GeoTop 2010

Geosites: Resources for the Public Palaeontology and Conservation of Geosites

May 29th 2010 – June 2nd 2010 in Hagen (Westf.), Germany



Deutsche Gesellschaft für Geowissenschaften
German Society for Geosciences (gegründet / founded 1848)



The European Association for the Conservation
of the Geological Heritage

Organisation: GeoPark Ruhrgebiet e.V. with support of The City of
Hagen, Dept. of Environment, and HAGEN Touristik

The Conference

You are invited to the 14th Annual Meeting of the Geoheritage section of the German Society for Geosciences and to ProGEO's 6th International Symposium on Conservation of Geological Heritage held simultaneously in the town of Hagen, Germany, in the period between May 29th and June 2nd 2010.

Under the theme "**Geosites: Resources for the Public**" aspects such as e.g., the interaction of mining and the protection of geosites, conservation of industrial and mining heritage and their geological background, and the impact of georesources on regional economic and cultural development will be discussed. "**Palaeontology and Conservation of Geosites**" is the second theme for the conference, focussing both on the protection of fossil sites and the presentation of palaeontological heritage to the public. However, besides these two main themes, contributions to the conference should reflect the whole **range of Geoheritage topics** both from a regional point of view as well as in an international context.

General information on the conference:

www.dgg.de

www.rvr-online.de/geopark/GeoTop_2010.php

Lectures and Posters

Length of oral presentations is 15 min + 5 min discussion.

Please submit the abstract of your lecture or poster by the 28th February 2010 to

Dipl.-Ing. Vera Mügge-Bartolović
muegge@gd.nrw.de

A conference volume of "Schriftenreihe der DGG – SDGG" will be prepared containing the abstracts submitted in time and the descriptions of the field trips. One page (A4) per abstract. Please comply with the guidelines for authors of the SDGG, which may be downloaded from www.rvr-online.de/geopark/GeoTop_2010.php. Here you can find an example, which can be directly overwritten and emailed.

The publication of a proceedings volume is planned after the conference in GeoHeritage.

Ruhr Area National GeoPark

The venue of the conference, the city of Hagen, is situated in the southern part of the Ruhr Area National Geopark, and home of the "Vorhalle Clay Pit", well known as the location where the earliest winged insects worldwide were found. This outcrop of Namurian claystones is only one of three listed "German National Geosites" located in the GeoPark. Likewise the auxiliary stratotype for the Devonian/Carboniferous boundary "Hasselbachtal" is found within the city boundaries.

The identity of the "Ruhrgebiet" ("Ruhr Area") metropolitan region was formed by the economic development of recent centuries, which was based mainly on the use of the natural resources of the area. Geology and natural resources are therefore critical factors for the identity of the Ruhr area. Few landscapes in Europe demonstrate the connection between their natural resources and the economic and cultural development as clearly as the Ruhrgebiet in Germany. A geological sequence of Devonian, Carboniferous, and Permian age, partly covered by younger strata from the Cretaceous

to the Holocene, contains numerous raw materials of economic value: Hard coal was the most important, but by far not the only valuable natural resource which gave rise to the economic development. Rich reserves of iron and other ores also played a significant role. There are also highly valuable reserves of limestone and dolomite, even today of great importance for the supply of the steel mills and iron works of the area. One of the biggest salt mines in Germany is located in the Ruhrgebiet. Sandstones quarried along the Ruhr Valley, sand and gravel found in the Rhine Lowlands and other raw materials, e.g. clay used for the production of bricks, played an important role in the development of housing areas and infrastructure.

The Ruhr Area National Geopark acts as a forum for all earth-science and geoheritage activities in the area. Its aim is to protect and develop the objects of geoheritage and to encourage activities of geotourism. The Ruhr Area National Geopark presents a mixture of natural and man-made scenery, providing the opportunity to visit hundreds of geosites and museums, walk along geotrails, and to learn about scientific research institutes or the mining industry.

General information on the Ruhr Area National GeoPark: www.geopark-ruhrgebiet.de

Programme

Friday, May 28th 2010 (Arrival, Registration)

08.00pm
informal meeting in Hotel Mercure, Hagen

Saturday, May 29th (Field trips)

09.00am–06.00pm
Field trips E1–E9

Departure/arrival: Parking area at “Stadthalle” Conference Center

Sunday, May 30th (Field trips)

09.00am–06:00pm
Field trips E1–E9, Departure/arrival: Parking area at “Stadthalle” Conference Center

08.00pm
Get-together-Party, “Stadthalle” Conference Center

Monday, May 31st (Conference, Meetings)

09.00am–05.00pm
lectures
05.00pm–07.00pm
General assemblies of Fachsektion Geotop and ProGEO respectively

Tuesday, June 1st (Conference, Meetings)

08.30am–10.30am
Meeting of the Association of German GeoParks
10.45am–06.00pm
lectures

Wednesday, June 2nd (Conference)

08.30am–04.00pm
lectures
End of conference

Within the scope of the Symposium more events are planned, which will be announced in the web under www.geopark-ruhrgebiet.de > GeoTop 2010

Venue

Conference Center
Stadthalle Hagen
Wasserloses Tal 2
D-58093 Hagen
Information: www.stadthalle-hagen.de

Field trips

E1 (Brix): Mississippian and Pennsylvanian in the southern Ruhr Basin

(1) Wuppertal-Riescheid: Railway-cut
(2) Neviges: Kopfstation, Wallmichrath, Zippenhaus (3) Deilbachtal: former "Klotz" brickworks, Deilbachtal-quarry
(4) Essen-Kupferdreh: Kammannbrücke (5) Essen-Heisingen: former Carl Funke Mine (6) Essen-Werden: Löwental, Pastoratsberg

E2 (Gielisch): Geology and Mining Heritage in Dortmund and Witten (Carboniferous, Cretaceous, Pleistocene)

(1) Witten: "Düren Switzerland"
(2) Dortmund-Löttringhausen: Finefrau-Conglomerate (3) Dortmund-Hohensyburg: "Graf Wittekind" historic mine (underground visit) (4) Herdecke: Schiffswinkel (5) Witten-Muttental: Nightingale Mine (6) Witten-Stockum: pleistocene valley (7) Dortmund-Bövinghausen: former Zollern 2/4 Mine

E3 (Schollmeyer, Gawlik, Skupin): Pleistocene landscape of the Lower Rhine Valley

(1) Sonsbeck: Terminal moraine, Sander, Geotrail and lookout-tower (2) Kempen-Tönisberg: Terminal moraine (3) Mettmann: Neandertal, location of the first finding of Neanderthal man, museum

E4 (Wohnlich, Wisotzky, Schiffer, Lenk): Hydrogeology of the Ruhr Area

(1) Essen-Burgaltendorf: Water recovery in the Ruhr Valley (2) Bochum-Linden: Mine water management (3) Herne, Gut Steinhausen: Water management in mining-subsidence areas (4) Gelsenkirchen-Resse: Mining subsidence areas (5) Bochum-Gerte: Natural spring horizons (6) Unna-Mülhausen: Karst springs

E5 (Siegwarth): Hagen: "Kaisberg" Geotrail and "Werdringen Castle" Museum

(1) "Kaisberg" Geotrail: 5,5 km walk, 10 interpretative panels on regional geology, nature and cultural history
(2) Werdringen Castle: Museum of Earth- and Early History (Regional Geology)

E6 (Mutterlose, Hiss): Geosites in the Cretaceous of the south-western Münster Basin

(1) Fröndenberg-Wilhelmshöhe: Bismarck's Tower (2) Fröndenberg-Frömeren: Variscan Unconformity (3) Unna-Mülhausen: Bimbgeral Quarries (4) Unna-Mülhausen: Karst springs (5) Unna-Königsborn: former salt works (6) Soest: Sandstone Quarry, Museum of Sandstone Use (7) Beckum: Quarry of Cement-Plant

E7 (Piecha, Ribbert): Selected Geosites in the northern Rhenish Mountains

(1) Hagen-Ambrock: Lower Devonian (2) Hagen-Hohenlimburg: Middle Devonian Limestones (3) Iserlohn: clastic Middle Devonian (4) Hemer Becke-Oese: Lower Carboniferous (5) Menden: Lower Permian

E8 (Marx, Keil, Buch, Scheer): "Mülheimer Bodenschätze" interpretative trail and „Rauen“ Quarry

(1) Mülheim: Two sections (2 km each) of the „Mülheimer Bodenschätze“ interpretative trail (presentation of soils sciences, geology and natural history by hands-on-installations) (2) "Rauen" Quarry: Variscan Unconformity (Carboniferous, Cretaceous)

E9 (Regionalverband Ruhr): From the "Coal Pot" to the European Capital of Culture (Eastern part)

(1) Dortmund-Huckarde: former "Hansa" coking-plant (2) Castrop-Rauxel: Erin Mine (3) Herne: „Teutoburgia“ miners quarter (4) Herne-Sodingen:

Mont Cenis Mine (5) Herne/ Recklinghausen: „Hoheward“ mine dump, Emscher landscape park (6) Dortmund: former steel mill „Phoenix“

E10 (Regionalverband Ruhr): From the “Coal Pot” to the European Capital of Culture (Western part)

(1) Duisburg-Meiderich: North-Duisburg landscape park (former steel mill) (2) Oberhausen-Osterfeld: “Eisenheim” workers quarter (3) Essen-Katernberg: Zeche Zollverein (UNESCO World Heritage Site) (4) Herne/Recklinghausen: „Hoheward“ mine dump, Emscher landscape park

E11 (Schmidt-Rutsch): Geology and Industrial Heritage in the Ruhr Valley

(1) Witten: LWL Industrial Museum „Nightingale Mine“ with underground workings (2) Hattingen LWL Industrial Museum „Henrichshütte“

E 12 (Gerlach, Hartkopf-Fröder, Weber): Palaeontological preservation – Concepts and current projects in the Rhineland

(1) Velbert: Zippenhaus (2) Wülfrath: Tillmannsdorfer Sattel, „Rohdenhaus“ quarry (3) Bergisch Gladbach: Schlade (4) Lindlar Linde: „Pack“ quarry (5) Wuppertal: Prison construction site (6) Hohenlimburg-Reh: Hasselbachtal, auxiliary stratotype for the Devonian/Carboniferous boundary

E13 (Wrede): Carboniferous and Coal in the Ruhr Valley

(1) Hagen-Vorhalle: National Geosite “Vorhalle” quarry (2) Gevelsberg: Silschede railway tunnel (3) Witten: “Rauen” quarry (4) Witten: Muttental historic mining district (5) Bochum-Querenburg: Klosterbusch quarry (6) Bochum-Wiemelhausen: Geological Garden

E14 (Stottrop, Scheer): Ruhr Museum/ Zeche Zollverein / Industrial nature

Essen-Katernberg: (1) Ruhr-Museum (Geological collections and exhibits) (2) Zeche Zollverein (UNESCO World Heritage Site) (3) Development of plant assemblages on former industrial sites

The number of participants on the field trips is limited to 30 persons per trip. Early application and payment guarantees your seat.

Touristic programme

B1 Visit to the newly opened arts center of Hagen, Tuesday. June 1st: 11.00am–13.00pm, Dept.: Stadthalle Hagen

A brief survey of the modern classics, with emphasis on expressionism and the work of Emil Schumacher, one of the most important German expressionists in the 2nd part of the 20th century.

Minimum number of participants: 10
Info on the arts center:

www.kunstquartier-hagen.de

B2 Visit of the Hagen open-air museum, Tuesday, June 1st: 11.00am dept. by coach Stadthalle, 04.00pm dept. museum

The museum illustrates the history of crafts and early industry from the 18th to 20th century. It is the only open-air museum in Europe focussing solely on these topics. A one-hour guided tour is scheduled, with plenty of time left for your own experiences.

Minimum number of participants: 20
Info on the museum:

http://www.lwl.org/LWL/Kultur/LWL-Freilichtmuseum_Hagen/Englisch

Conference Fees

Employed Person 150 €
Students, Pensioners 130 €
(Payment after 31st March 2010: add 15 €)

Fees for Trips E1 – E14

By coach, full day,
lunch is included, per trip 35 €

Fees for Touristic Programme

B1, incl. guide 12 €
B2, incl. guide, coach transfer 17 €

Payments are to be made to:

GeoPark Ruhrgebiet e.V.
“GeoTop 2010”
Account-No. 169 243
Sparkasse Krefeld
Bank sort code: 320 500 00
IBAN: DE 47 320 500 000 000 169 243
BIC: SPKRDE33

Registration

GeoTop 2010
HAGEN Touristik
Rathausstrasse 13
D-58095 Hagen
Germany
touristinformation@stadt-hagen.de
Fax (+49) 2331 207-2088

Submission of abstracts:

Dipl.-Ing. Vera Mügge-Bartolović
muegge@gd.nrw.de

Information, Inquiries:

Dr. Volker Wrede
Fon: (+49) 2151 897-439
wrede@gd.nrw.de

Deadlines:

Conference Registration:

31st March 2010

Submission of abstracts:

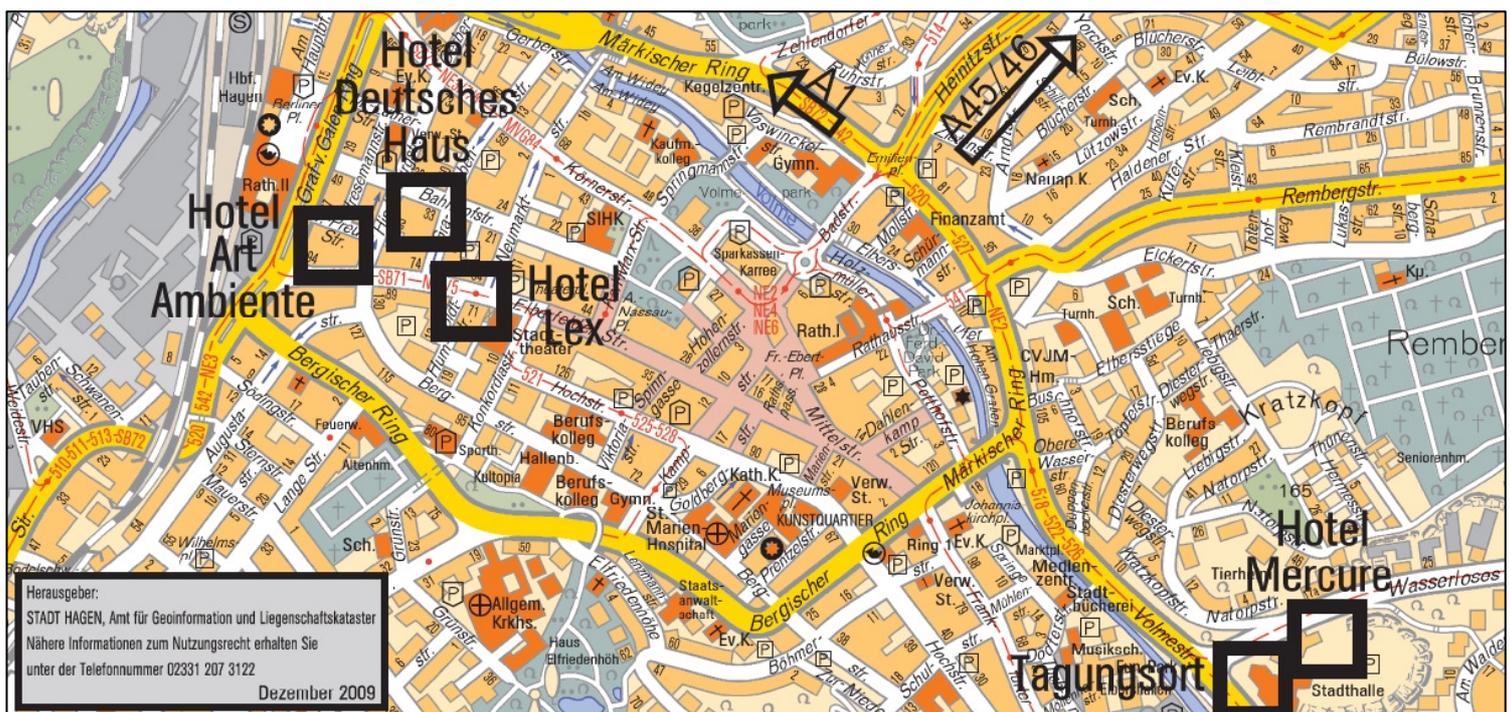
28th February 2010

Travel and Accommodation:

Hagen is easily reached by the motorways A1 and A45, by ICE-express-train, and by air via the Dortmund and Düsseldorf airports. Hotels and Youth Hostels may be booked directly under:
<http://germany.nethotels.com/info/hagen/events/geologentagung2010/>

or at:

HAGEN Touristik, Rathausstrasse 13
D-58095 Hagen, Germany
touristinformation@stadt-hagen.de
Fax (+49) 2331 207-2088



City map Hagen: Hotels, Venue, connections to motorways and central railway station.

Further information: <http://www.stadtplan.hagen.de/>

GEOTOP 2010 – CONFIRMED REGISTRATION

Surname, First Name(s), title:

Address:

.....

Fon:..... Fax:..... E-Mail:.....

I am going to give an oral presentation () / to present a poster ():

Title:

.....
Please submit abstract not later than Feb. 28th, 2010

**I register for the following field trip(s):
(please figure number of persons; registrations are only effective after payment)**

E1		E2		E3		E4		E5	
35,00 €		35,00 €		35,00 €		35,00 €		35,00 €	
May 29th	May 30th								

E6	E7	E8	E9	E10	E11	E12	E13	E14
35,00 €	35,00 €	35,00 €	35,00 €	35,00 €	35,00 €	35,00 €	35,00 €	35,00 €
May 29th	May 29th	May 29th	May 29th	May 30th				

I register for (please figure number of persons):

„Get-together-Party“ May, 30 th	B1: Kunstquartier June, 1 st	B2: Freilichtmuseum Hagen June, 1 st
10,00 €	12,00 €	17,00 €

Conference fee: €

Field trips: €

Supporting programme: €

Total: €

Date:.....

Signature:.....

Please send to: Fax (+49) 2331 207-2088 or E- Mail touristinformation@stadt-hagen.de
Total payable to: "GeoTop 2010", Account-No. 169243, BLZ 320 500 00, Sparkasse Krefeld,
IBAN DE 4732050000000169243, BIC SPKRDE33