

Organisational matters

Venue

The Symposium will be held in the main building of the **German Federal Institute of Hydrology (BfG), Koblenz, Am Mainzer Tor 1**. The main entrance is in **Julius-Wegeler-Straße** near the “Rhein-Mosel-Halle”. The BfG is in 10-minute walking distance from the main station “Koblenz Hauptbahnhof”.

Please note that there are very limited parking facilities nearby.

Registration

We ask you to make sure that your registration is received by **27th of April, 2012**. Please use the Registration Form (attached hereto) that you may return by fax, mail or E-mail. We will confirm the receipt of your registration by E-mail.

Participants are invited to **present scientific posters**. In case you want to present a poster, please write down the poster title on your registration form.

Registration fee

We will charge a registration fee of **€30** including the conference booklet and refreshments during coffee breaks. We ask you to pay in cash on arrival.

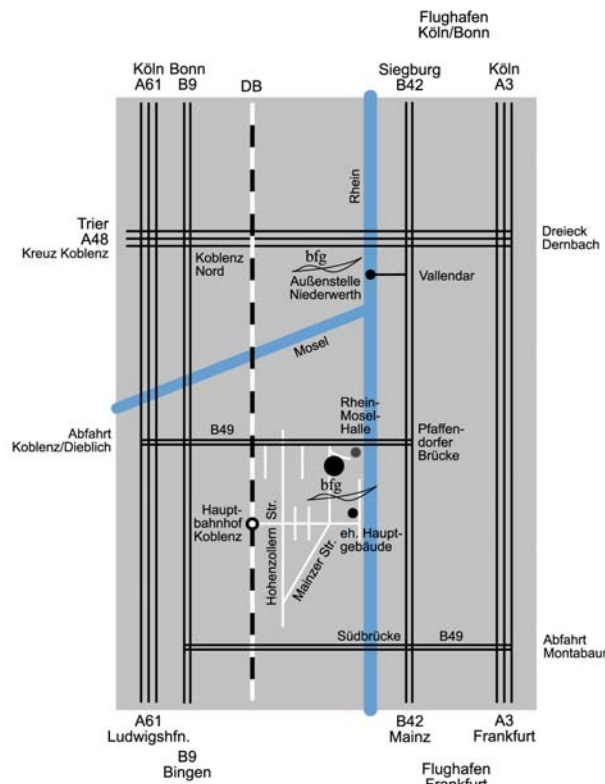
We propose to spend the Thursday evening together in a Koblenz restaurant. Please indicate your interest in such a meeting on your registration form, so that we can make a reservation.

Accommodation

There are a number of hotels of all classes in Koblenz. Prices range from approx. €50 to 150/night. A list of recommended hotels can be found on the third page of this flyer. Participants are requested to make their own travel arrangements. The organisers are happy to help with any reservations.

Please make your reservation at an early stage, Koblenz is a holiday area.

How to find us



Working language

The official language of the symposium is English.

Contact

If you have further questions, please contact

Programme and scientific matters:

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Registration and organisational matters:

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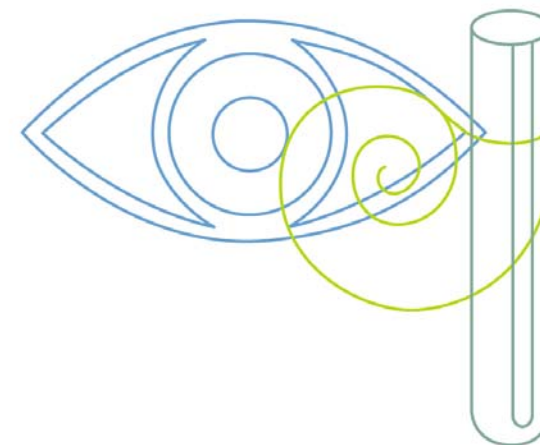
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International Symposium

Pathogenic *Vibrio* spp. in Northern European Waters

May 31st - June 1st, 2012
Koblenz, Germany



Organised and hosted by

*German Federal Institute of Hydrology –
Bundesanstalt für Gewässerkunde (BfG)
Am Mainzer Tor 1, D-56068 Koblenz
<http://www.bafg.de>*

Scope of the Symposium

Vibrio spp. are ubiquitous bacteria naturally found in marine and estuarine waters. Pathogenic representatives of this genus can cause severe human diseases such as sea food poisoning and wound or ear infections. As high temperatures promote *Vibrio* spp. growth, these infections have so far mainly been a problem in the tropics and sub-tropics. In recent years however, case reports have been increasing in the temperate Seas of Northern Europe, particularly during heat wave episodes. Although particularly the number of bathing water-related cases is small so far, concern is growing that *Vibrio*-related infections may become an emerging disease in these areas as a consequence of climate change. However, the ecology of *Vibrios* in Northern European waters is not well studied at the moment and a cross-border communication network of scientists involved in this research field is still lacking.

With this international symposium, we aim at creating an international network of researchers, to exchange knowledge and information concerning pathogenic *Vibrios* in Northern European Waters, to bundle activities and thus to strengthen *Vibrio* research in these areas. Focus of the event will mainly be bathing water-related issues and interactions of *Vibrios* with their environment, including overviews over past and present data, methodologies and risk assessment. Conceived as a familial event, sufficient room for discussion is provided.

The event is organized in the framework of the interdisciplinary departmental research programme KLIWAS (Impacts of Climate Change on waterways and navigation – Searching for options of adaptation) and financed by the German Federal Ministry of Transport, Building and Urban Development.

Programme

Thursday, May 31st, 2012

12:30 Conference opening/Welcome

Michael Behrendt

Federal Institute of Hydrology, Germany

12:45 Keynote lecture: Effect of global warming on *Vibrio* spp. in the temperate marine environment

Luigi Vezzulli, University of Genoa, Italy

13:30 A survey of pathogenic *Vibrio* species in French coastal waters

Dominique Hervio-Heath, Ifremer, France

14:00 Pathogenic *Vibrios* in marine and fresh recreational waters in the Netherlands related to environmental conditions and health complaints

Franciska Maria Schets, Netherlands National Institute for Public Health and the Environment, The Netherlands

14:30 *Vibrio* spp. in Norwegian seawater

Liv Marit Rørvik, Norwegian School of Veterinary Science, Norway

15:00 Coffee break / Poster Session

16:00 Geothermal locations at the Icelandic coast as a habitat for *Vibrio cholerae*

Eva Benediktsdóttir, University of Iceland, Iceland

16:30 Climate warming and the emergence of seafood- and waterborne vibrioses: The German research network VibrioNet

Gunnar Gerds, Alfred-Wegener-Institute for Polar and Marine Research, Germany

17:00 Pathogenic *Vibrio* species in German coastal waters of the North Sea and the Baltic Sea – a comparison

Simone Böer/Nicole Brennholt, Federal Institute of Hydrology, Germany

17:30 Emerging risk at high latitudes in response to ocean warming

Craig Baker-Austin, Cefas, United Kingdom

18:00 - 18:30 General discussion

19:30 Evening meeting in a Koblenz restaurant

Friday, June 1st, 2012

8:30 Keynote lecture: Biological corridors as routes for the transoceanic spreading of *Vibrio* diseases

Jaime Martínez-Urtaza, University of Santiago de Compostela, Spain

9:15 Ecology and virulence of *Vibrio*: some changes under the climate change influence?

Aurélie Tournon-Bodilis, Électricité de France R & D, France

9:45 Water column dynamics of *Vibrio* in relation to phytoplankton community composition and environmental conditions

Ann-Sofi Rehnstam-Holm, University of Kristianstad, Sweden

10:15 Coffee break / Poster Session

11:00 Environmental control of *Vibrios* in the Baltic
Stefan Bertilsson/Alexander Eiler, Uppsala University, Sweden

11:30 Current status of *Vibrio* research in Finland
Seija Kalso, Metropolilab, Finland

12:00 *Vibrio cholerae* in the large alkaline lake Neusiedler See, Austria: From ecology to risk assessment

Alexander Kirschner, Medical University of Vienna, Austria

12:30 - 13:30 General discussion & conclusions

Where are we and where do we want to go?

- state and gaps of knowledge
- future research tasks

13:30 Symposium closure



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recommended hotels (for guests of the BfG, March 2012)

No	hotel	single room incl. breakfast	address	e-mail	telephone	fax
1	Hotel Brenner	€ 65,-	Rizzastr. 20-22	info@hotel-brenner.de	(+49)261/91578-0	(+49)261/36278
2	Hotel Hamm	€ 55,-	St. Josef-Str. 32	hammkoblenz@aol.com	(+49)261/30321-0	(+49)261/30321-60
3	Hotel Hohenstaufen	€ 70,-	Emil-Schüller-Str. 41-43	info@hohenstaufen.de	(+49)261/3014-0	(+49)261/3014-444
4	GHOTEL Koblenz	€ 62,-	Neversstraße 15	koblenz@ghotel.de	(+49)261/200245-0	(+49)261/200245-555
5	Hotel Ibis	€ 68,-	Rizzastr. 42	H1831@accor.com	(+49)261/3024-0	(+49)261/3024-240
6	Hotel Kleiner Riesen	€ 59,-	Kaiserin-Augusta-Anlagen 18	info@hotel-kleinerriesen.de	(+49)261/30346-0	(+49)261/160725
7	Hotel Haus Morjan	€ 57,-	Konrad-Adenauer-Ufer	info@hotel-haus-morjan.de	(+49)261/304290	(+49)261/3042956
8	Mercure Hotel Koblenz	€ 108,-	Julius-Wegeler-Str. 6	H2004@accor.com	(+49)261/136-0	(+49)261/136-1199

How to find the Federal Institute of Hydrology (BfG)

By car:

Either Motorway A3, exit “**Dernbacher Dreieck**” or Motorway A61, exit “**Kreuz Koblenz**”, continue A48 in the direction of Koblenz, exit “**Koblenz-Nord**”. Follow B9 towards Koblenz for approx. 8 km. Follow signs for “**Koblenz/Rhein-Mosel-Halle**”. Go straight on and turn right after the 4th traffic light towards “**Rhein-Mosel-Halle/Weindorf**”. Follow the road to the left and go straight on at the lights. The BfG main building is on the right.

(Parking facilities: Rhein-Mosel-Halle or in streets nearby).

By aeroplane:

From Cologne Airport by train to Koblenz via Cologne (Köln).

Travel time: approx. 1½ hours. Train connection approx. every half an hour.

From Frankfurt/Rhein-Main Airport by train via station „Fernbahnhof“.

Travel time: approx. 1¼ hours. Trains to Koblenz go every hour.

For further information: <http://reiseauskunft.bahn.de/bin/query.exe/en>

From Frankfurt/Hahn Airport by bus to Koblenz railway station (Hauptbahnhof).

Travel time: approx. 1¼ hours. Bus connections five times a day.

For details: http://www.hahn-airport.de/default.aspx?menu=passengers_visitors&cc=en.

