

## Conference Fee

Registration until 25 September 2017 (early bird):  
€ 140 including VAT

Registration after 25 September 2017:  
€ 210 including VAT

The fee includes participation on both days of the conference, refreshments during the conference (including lunch on both days, tea, coffee, soft drinks), and the conference documentation.

## Registration

Please use the online form to register:  
[www.geoverbund.de/expertengespraech-2017](http://www.geoverbund.de/expertengespraech-2017)

## Venue

Maternushaus  
Kardinal-Frings-Straße 1-3  
50668 Cologne  
Germany

## Accommodation

A limited number of hotel rooms are available at the Maternushaus for conference attendees (price: € 98 per night including breakfast). Please reserve your room in good time.

## Contact

Tel: +49 221 1631-0  
Email: [info@maternushaus.de](mailto:info@maternushaus.de)  
Internet: [www.maternushaus.de](http://www.maternushaus.de)

## ABC/J Expert Talk

The ABC/J Expert Talk brings together active scientists and those responsible from society at large and offers a **dialogue platform for an exchange of ideas** as well as for a topic-related discussion of current issues.

## Target Groups

The event targets participants from different disciplines with an interest in agriculture, soil, water, and related fields, as well as from different institutions such as ministries, regional and local authorities, water utilities, water boards, chambers of agriculture and agricultural associations, engineering consultants, and scientists.

## Organizer

Geoverbund ABC/J | Coordination Office  
c/o Forschungszentrum Jülich GmbH | 52425 Jülich | Germany  
Institute of Bio- and Geosciences – Agrosphere (IBG-3)

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Geoverbund ABC/J is the geoscientific network in the research region of [Aachen-Bonn-Cologne/Jülich](#).



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## ABC/J EXPERT TALK 2017

### International Comparison of Nitrogen Pollution of Water Resources & Management Strategies



29 and 30  
NOVEMBER 2017  
MATERNUSHAUS  
COLOGNE

Registration and further information at:  
[www.geoverbund.de/expert-talk-2017](http://www.geoverbund.de/expert-talk-2017)

## The Topic

For more than 20 years, reducing the nitrogen pollution of water resources while retaining a high level of agricultural productivity has been an issue for European environmental and fertilizer legislation.

Many Member States of the European Union still have difficulties in complying with the quality standards for nitrogen applicable to surface waters, groundwater, and coastal waters, and are required to develop and implement efficient reduction strategies.

Against this backdrop, at the ABC/J Expert Talk, national and international experts will present examples of the current situation with respect to nitrogen pollution in Germany, selected EU Member States, and California.

On this basis, both existing and planned nitrogen management strategies will be presented by the speakers. The focus will be placed on nitrogen reduction measures for agriculture, e.g. for implementing the European Union's Water Framework Directive and Nitrates Directive.

The conference languages are German and English (simultaneous interpretation).

## Speakers



### Nitrate pollution of groundwater in Slovenia: status quo and reduction strategies

Dr. Mišo Andjelov | Slovenian Environment Agency, Ljubljana (SI)

### Trends in the agricultural monitoring data

Dr. Gitte Blicher-Mathiesen | Aarhus University (DK)



### Nitrogen and climate change

Prof. Klaus Butterbach-Bahl | KIT, Garmisch-Partenkirchen (DE)

### Cooperation project GROWA+ NRW 2021: Development of model basis for N management in NRW

Dr. Michael Eisele | State Office for Nature, Environment and Consumer Affairs of North Rhine-Westphalia



### Water quality compliance checking for nitrate in the Netherlands

Dr. Dico Fraters | National Institute for Public Health and the Environment, Bilthoven (NL)

### Water resources in France: nitrogen pollution and challenges

Dr. Chantal Gascuel | Joint Unit INRA & Agrocampus Soil Agro and hydrosystem (FR)



### New agricultural concepts in NRW for agricultural water protection

Dr. Horst Gömann | Agricultural Chamber of North Rhine-Westphalia (DE)

### Perspectives on agricultural nutrient management policies in Flanders

Kevin Grauwels | Flemish Land Agency, Brussels (BE)



### Groundwater nitrate in California: assessment and evaluation of sources and impacts & Groundwater regulation and management in California's agricultural regions

Prof. Thomas Harter | University of California, Davis (US)

### Nitrogen emissions from agriculture – Solutions for a pressing environmental problem

Prof. Karin Holm-Müller | University of Bonn (DE)



### 30 years of nitrogen management learnings from Denmark

Prof. Brian Kronvang | Aarhus University (DK)



### Nutrient management by the Weser River Basin Commission

Ute Kuhn | Weser River Basin Commission (DE)



### Nitrate pollution of groundwater and need for N reduction in NRW

Dr. Ralf Kunkel | Forschungszentrum Jülich (DE)



### Quality assessment of water resources in Greece

Dr. Andreas Panagopoulos | Hellenic Agricultural Organisation, Thessaloniki (GR)



### Nutrient strategy of the federal state of North Rhine-Westphalia (NRW)

Christoph Rapp | Ministry for Environment, Agriculture, Conservation and Consumer Protection of North Rhine-Westphalia (DE)



### Objectives of the Water Framework Directive: need for regional action even with tightened good professional practice

Prof. Peter Weingarten | Thünen Institute (DE)



### The German Nitrate Report 2016

Dr. Rüdiger Wolter | German Environment Agency (DE)

