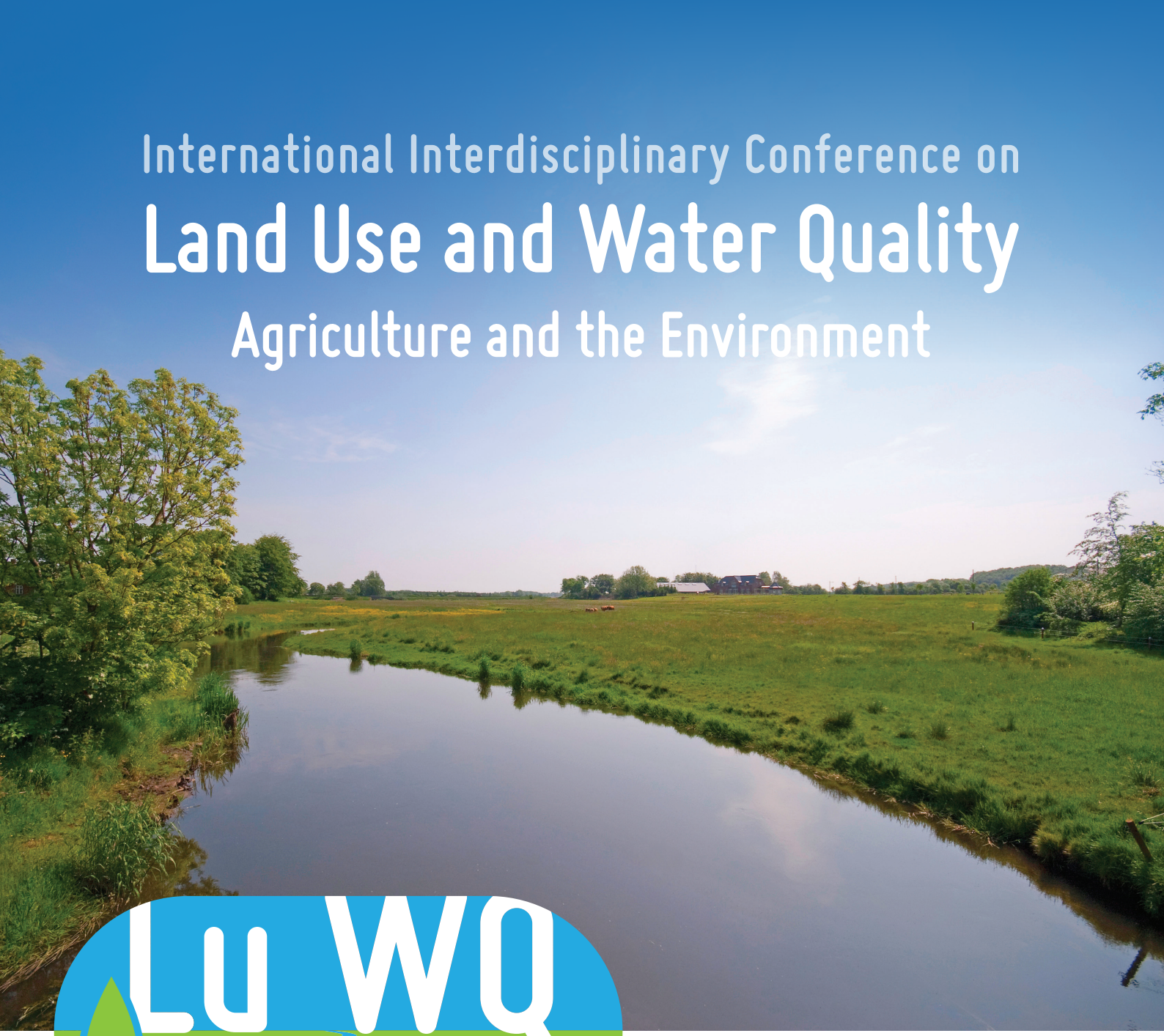
International Interdisciplinary Conference on

Land Use and Water Quality

Agriculture and the Environment



LuWQ 2021

Maastricht, the Netherlands, 27–30 September 2021

A conference on the cutting edge of science, management and policy to minimise effects of agriculture and land use changes on the quality of groundwater and surface waters. The conference is aimed at scientists, land and water managers and policy makers involved in water quality improvement.

www.LuWQ2021.nl

Version 10 October 2020

Conference themes and topics

A.. Increasing our understanding of 'systems function': research, tools and methodologies to increase understanding and improving modelling of the hydro(geo)logical, geochemical and biochemical processes

B.. Water quality monitoring: improving the effectiveness and increasing the added value of monitoring – use of new sensor techniques, remote sensing, improved (meta)data management, analysis and interpretation, modelling and generalisation of observations, and assessment of status and trends

C.. Impact of weather variability and climate change on water quality: assessment of impact on land use, groundwater and surface water quality

D.. Assessment of national or regional policy: effectiveness of programmes of measures on water quality on a regional and national scale

E.. Improving water quality by farm management practices: research (monitoring and modelling) at plot, field and catchment scales to quantify the effects of farming practices and changes in land use

F.. Improving water quality by establishing eco-technological mitigation measures: development, testing, implementation and operation at plot, field and catchment scales to quantify the effects of structural measures

G.. Managing protected areas for water supply and nature conservation: risk assessment techniques, monitoring and modelling of water quality and quantity for the protection of (a) water resources for drinking water supply, and (b) groundwater dependent terrestrial ecosystems

H.. Decision-making on Programmes of Measures: the role of stakeholder input and science in policy decision-making

I.. Implementation of Programmes of Measures: social and economic incentives and regulatory mandates that drive implementation (carrots and sticks), catchment officers, etc.

For topics per theme and for Special Sessions, please visit our conference website www.LuWQ2021.nl

It is also possible to submit abstracts to three Special Sessions:

Special Session S1 on Monitoring, modelling and mitigating effects of the green shift on water and nature.

Special Session S2 to review current approaches and measures for protection of drinking water resources against nitrate and pesticide pollution in the EU (FAIRWAY).

Special Session S3 on Real-time water quality monitoring: From scientific play tool to applications in real-life world of water quality management

Objectives

This conference aims to discuss the entire policy cycle for water quality improvement. The objectives are:

- to provide a forum for exchange of scientific knowledge, research to better understand 'systems function', modelling and uncertainty;
- to discuss the entire policy cycle for water quality improvement; and
- to intensify contacts (a) between soil/water related scientists, agro related scientists, social scientists, ecological scientists and economists, and (b) between scientists, water managers and policy makers.

Venue and accommodation

The venue for the conference is MECC Maastricht. This MECC Maastricht has been a trusted location for international exhibitions and conferences for three decades and offers the ideal platform for knowledge transfer. Detailed instructions about location of the registration area and the three auditoria will be provided to registered participants. Conference organisers made preliminary hotel reservations with special prices in different hotel categories in the city centre. For information how to book these rooms please refer to webpage Accommodation in the conference website.

Travel info by plane

There are flights from several destinations throughout the world to various different airports in the area. If you arrive in Brussels or Düsseldorf you can take one of the shuttle buses we will arrange to continue your journey to Maastricht.






...by car or train

Signing of MECC is visible as soon as you reach the outer ring of Maastricht. Follow these signs until you reach the MECC car park. If you are travelling south on the A2/E25 motorway (from Amsterdam-Eindhoven), take exit 55 signed 'Randwyck-MECC'. If you are travelling north on the A2/E25 motorway (from Paris-Liège) take exit 56 signed for 'Gronsveld-MECC'. "Maastricht-Randwyck" train station is located 250 metres from MECC Maastricht and is part of the national and international railway network. There are frequent trains to Maastricht Central Station, which is also linked to the national and international railway network.



Maastricht, the Netherlands, 27–30 September 2021

Please mark these dates in your calendar

Abstracts submission

For abstract submission deadline etc. please refer to: *www.LuWQ2021.nl*

Organising Committee

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Conference secretariat
For registration, accommodation, travel and other logistic issues please contact the conference secretariat.

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LuWQ 2021

Main organiser

National Institute for Public Health and the Environment
Ministry of Health, Welfare and Sport

RIVM National Institute for Public Health and the Environment, the Netherlands

Co-organisers

AARHUS UNIVERSITY
DCE – DANISH CENTRE FOR ENVIRONMENT AND ENERGY

DCE - Danish Centre for Environment and Energy, Aarhus University, Denmark

GEUS

Geological Survey of Denmark and Greenland (GEUS)

AARHUS UNIVERSITY
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Umwelt Bundesamt

Umweltbundesamt (UBA), German Environment Agency, Germany