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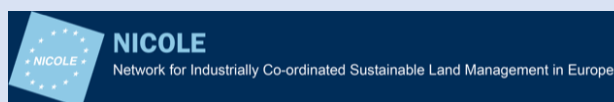
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Supports



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More information:

Register your interest in the conference on our website: aimontefiore.org/GQ2019



Groundwater quality in the transition between rural and urban environments

10th International Groundwater Quality
Conference, 9-12 September 2019

University Academic Hall, Liège (Belgium)

Call for Abstracts



Overall theme and aims

GQ is a triennial conference dedicated to Groundwater Quality organised on behalf of the International Association of Hydrological Sciences (IAHS) and supported by the International Association of Hydrogeologists (IAH), the H2020 Marie Curie ITN INSPIRATION project and the CL:AIRE and NICOLE professional organisations. Between 1950 and 2050 the global population will have increased significantly, from 2.5 to 10 billion inhabitants. The urban population is expected to be two thirds, up from one third a century ago. The consequence is a greater urban spread into rural environments and increased pressure on natural resources, including groundwater in these transition areas. The conference theme, *Groundwater quality in the transition between rural and urban environments*, will focus on the need to protect, manage, repair and sustain groundwater quality in these growing urbanized environments. The conference will bring together around 250 researchers, industry, regulators, contractors, consultants, planners and water supply agencies to address the important issues related to groundwater quality in this context.

Invited keynote speakers

- Ricardo Hirata (Geosciences, Uni Sao Paolo, Brazil)
- Daniel Hunkeler (Uni Neuchâtel, Switzerland)
- Joachin Jimenez-Martinez (EAWAG, Switzerland)
- Julie Konzuk (Geosyntec, Canada)
- Dan Lapworth (British Geological Survey, U.-K.)
- Gudrun Massmann (Uni Oldenburg, Germany)
- Frederic Nguyen (Uni Liège, Belgium)
- Henning Prommer (CSIRO & UWA, Australia)
- Paul Van Riet (Dow Chemicals, Netherlands)
- Elisa Vargas-Amelin (EU DG Env, Belgium)

Conference themes and sessions

- Groundwater quality response to climate, land use or other earth system changes
- Specific and emerging issues of groundwater pollution
- Diffuse pollution of groundwater from geogenic to anthropogenic origins
- Threats to groundwater resources from subsurface phenomena
- Impact on groundwater quality of non-conventional water (treated wastewater, desalinated water) for (managed) artificial recharge and irrigation practices
- Groundwater quality at interfaces
- Advanced and new techniques for characterizing groundwater quality, pollutant fate and subsurface systems
- Non- to low-invasive technologies for subsurface characterization
- Long term management, protection and use of groundwater resources from urban to rural environments
- Groundwater flow and reactive transport processes and modelling, including the impacts of heterogeneity
- Existing and future trends in groundwater remediation
- Role of soil and groundwater in the water - food - energy nexus; emerging practical and societal problems related to soil and groundwater quality issues
- Non-aqueous phase liquids (LNAPLs and DNAPLs)
- Natural attenuation of contaminants

Abstract submission

The conference welcomes one-page abstracts **until 1 March 2019**. Submission link, detailed themes and template available here:
<http://aimontefiore.org/GQ2019/index.php/call-for-abstracts>

Financial support

Authors issued from developing countries could be selected to receive financial support for their stay in Belgium (travel, hotel, food). The selection will be made from the call for abstracts.

Conference venue – Liège (Belgium)

As the most important tourist city in Wallonia, Liège has innumerable riches in store waiting to be discovered. The characteristic districts, the diverse topographical richness, the Meuse river, the old town centre and the wooded hills surrounding the city provide a multitude of original perspectives that give the city an exceptional charm. Like all Belgian cities, Liège is also famous for Belgian gastronomy, beers and chocolates which can be considered amongst the finest in the world. Liège is located in the heart of Europe, easily accessible by plane through Brussels (Belgium), Köln or Frankfurt (Germany), by high speed train at Guillemins TGV train station and by car from Belgium's neighbouring countries.



Important dates

Abstracts submission deadline: **1 March 2019**
Notification of acceptance: **3 May 2019**
Conference: **9-12 September 2019**