



**NICOLE**

Network for Industrially Co-ordinated Sustainable Land Management in Europe



**ICCL**  
international  
committee on  
contaminated  
land



Danish Soil  
Partnership



**DANISH  
REGIONS**



Common Forum

**INNOVATION NETWORK FOR  
ENVIRONMENTAL TECHNOLOGY**



## **Joint ICCL – NICOLE conference Groundwater Management on Contaminated Sites**

### **Conference program**

**5th to 6th October 2017, National Museum, Copenhagen, Denmark.**

The conference is following the back-to-back meetings of the ICCL and NICOLE on 3rd to 4th of October in Copenhagen.



## NICOLE Organizing Committee

---

**Lucia Buvé** (Chairman) - Umicore/ NICOLE

**Dominique Darmendrail** - BRGM/ ICCL

**Neal D. Durant** - Geosyntec Consultants/ NICOLE

**Arthur de Groof** - Sweco/ NICOLE

**Carlos Pachon** - USEPA/ ICCL

**Dietmar Müller - Grabherr** - EA Austria/ ICCL

**Rick Parkman** - AECOM/ NICOLE

**Christian Andersen** - Danish Regions/ ICCL

---

## Venues

---

### Conference & workshops

National Museum of Denmark  
*Ny Vestergade 10, Copenhagen*

### Conference dinner (boat service available)

Toldboden  
*18-24 Nordre Toldbod, Copenhagen*

---

## Registration

---

Please complete the conference registration form, available online through [NICOLE.org](http://NICOLE.org) and/or the NICOLE secretariat. Deadline for registration: 26 September 2017.

---

## Fees

---

Participation in the joint ICCL & NICOLE conference 2017 is free of charge for NICOLE and ICCL members, and conference speakers. Information on admission fees for other participants can be obtained through the NICOLE secretariat.

---

## NICOLE Secretariat

---

For further information on NICOLE membership, workshop programs, registration & fees, or any other practical issue regarding the conference, please contact:

Nan Su (Dutch Sino Business Promotions)

P.O. Box 28249 – 3003 KE Rotterdam, The Netherlands

Phone: +31 (10) 310 0829

E-mail: [nan.su@nicole.org](mailto:nan.su@nicole.org)

---



## Thursday 5 October 2017

### CONFERENCE DAY 1 - Main venue

---

**08:00 - 08:30**      **Registration**

**08:30 - 10:25**      **Intro session - Chair: Phil Crowcroft – ERM**

**Key-note  
speakers**

**Lucia Buvé** - Umicore/ NICOLE / **Dietmar Müller - Grabherr** - EA Austria/ ICCL  
**Jens Mandrup** - Political committee for traffic and environment in the Capital  
Region of Denmark (Chairman)

**Carl-Emil Larsen** - Danish Water and Wastewater Association (Executive director)

**Pascal Mallien** - Baker McKenzie / NICOLE

**CF or ICCL member** - Institute

**Panel discussion**

**10:25 - 11:00**      **Break** (Network event @ secondary venue)

**11:00 - 13:10**      **Technical session 1 - Chair: Arthur de Groof – Sweco**  
**Managing natural resources and financial aspects in remediation**

**Innovation  
Award**

**Paul van Riet** - Dow Benelux

**Hans-Peter Koschitzky** - VEGAS, Versuchseinrichtung zur Grundwasser- und  
Altlastensanierung, Universität Stuttgart

**Poster pitches**

**Jim Wragg** - Geosyntec

**Niels Ploug** - KRÜGER A/S

**Thomas G. Reichenauer** - AIT Austrian Institute of Technology GmbH

**Presentations**

**Leonardo Pflüger** - Argentinean Ministry of Environment

(Funded by the German Ministry for the Environment, Nature Conservation, Building and Nuclear Safety)

*The Argentinean context on Contaminated sites and Groundwater pollution: cases  
and challenges.*

**Tim Bartlett** - Advisian

*Improving cost-benefit and sustainability assessments by estimating groundwater  
resource loss*

**Hans Slenders** - Arcadis

*From cost-benefit to impact-benefit analyses in sustainability appraisals*

**Jarno Laitinen** - Centre for Economic Development, Transport and the  
Environment Finland

*Finding ways to implement sustainability in remediation through procurement*

**13:10 - 14:15**      **Lunch** (Network event @ secondary venue)

**Continues on next page >>**



## Thursday 5 October 2017

### CONFERENCE DAY 1 - Main venue

**14:15 - 16:00**      **Technical session 2 - Chair: *Jim Wragg* – Geosyntec Consultants**  
**Innovation in investigation, remediation and source removal technologies**

**Poster pitches**      **Irene Jubany** - CTM  
**Mohamad Sakizadeh** - University Teheran, Iran  
**Jeremy Birnstingl** - REGENESIS  
**Hans-Peter Koschitzky** - VEGAS, Versuchseinrichtung zur Grundwasser- und Altlastensanierung, Universität Stuttgart

**Presentations**      **Anne Northway** - Environment Protection Agency Australia / Victoria  
*Australia's Regulatory Journey: Cross jurisdictional collaboration towards nationally consistent approaches to environmental regulation of PFAS.*

**Niels Ploug** - KRÜGER A/S  
*First European Thermal Remediation of Crystalline Rock on a busy urban development site*

**James Baldock** - ERM  
*Sustainable Low Temperature Thermal Remediation of Pesticides*

**Dirk Paulus** - Tauw België N.V.  
*In-Situ Metal Precipitation of a mercury impacted aquifer*

**16:00 - 16:30**      **Break** (Network event @ secondary venue)

**16:30 - 17:35**      **Technical session 3 - Chair: *Dietmar Müller-Grabherr* – EA Austria**  
**Innovation in investigation, remediation and source removal technologies**

**Poster pitches**      **Giovanni Buscone** - Tauw Italia S.r.l.  
**Phil Studds** - Ramboll Environ  
**Erwin van der Pol** - Witteveen + bos

**Presentations**      **Hans-Peter Koschitzky** - VEGAS, Versuchseinrichtung zur Grundwasser- und Altlastensanierung, Universität Stuttgart  
*Nanoremediation for Soil and Groundwater Clean-up*  
*What can we learn from NanoRem: Possibilities and Future Trends*

**Olivier Sibourg** - Enoveo  
*Real-time and in situ monitoring of aquatic environments using indigenous microbial community - based biosensors*

**Continues on next page >>**



## Thursday 5 October 2017 CONFERENCE DAY 1 - Evening program

---

**17:35 - 19:00**      **Drinks in the main lobby and access to the poster exhibition**

**19:00 - 19:30**      **Boat to restaurant**

**19:30 - 23:00**      **Dinner & Innovation Award**  
Dinner costs are 400 DK  
(approx. €50) p.p and should  
be paid in cash to the NICOLE  
Secretariat

*Innovation Award Top 3 candidates*

**University of Antwerp**

Integrated passive groundwater mass flux  
sampling technology

**WSP**

Ultra-resolution analysis of coal tars

**RisCom**

Innovative In-Situe Injection Technology i-SAV

## Thursday 5 October 2017 Matchmaking & Networking event - Assembly Hall (Festsalen)

During the joint NICOLE/ICCL conference a large number of professionals from Denmark, the rest of Europe and the world are expected to visit. In order to promote knowledge exchange, the Danish Organisation Innovation Network for Environmental Technologies (Innovation-MT) offers all participants a matchmaking and networking event on Thursday 5 October.

This event will be located at the Assembly Hall (Festsalen) in the National Museum.

To take part in this unique event, you can register yourself as a participant on <https://www.b2match.eu/iccl-nicole-networking2017>

The matchmaking website is open for profile registration now. Booking of matchmaking meetings will open on the 15th of September. On the 2nd of October the registration will close and meeting programs will be sent out to participants on the 3rd of October.

For more information or questions, please contact Ulla Kistine Brandt [ukb@cleancluster.dk](mailto:ukb@cleancluster.dk)



## Friday 6 October 2017 CONFERENCE DAY 2 - Main venue

---

**09:00**                      **Morning welcome**

**09:00 - 10:45**              **Technical session 4 - Chair: *Christian Andersen* – Danish Regions  
GW management on Large Scale and Multisource sites:  
regulatory framework and adaptive approaches**

**Presentations**      **Dietmar Müller-Grabherr** - Environment Agency Austria  
*Understanding WFD objectives in groundwater management*

**Corinne Merly** - BRGM  
*Towards a less stringent groundwater body objective?  
Feedback from a French heavily industrial and urban study area*

**Johanne Urup** - Ramboll  
*Water supply in an urban area with many well-known pollution sites – one case  
study in the Copenhagen area*

**Chiara Senzolo** - Advisian  
*Integrated Water Resources Management in South America*

**10:45 - 11:00**              **Closing remarks**

---

**11:00 - 14:30**              **Site visit** (By bus, including lunch pack. Registration required)

**14:30**                        **National Museum drop-off**

**15:00**                        **Airport drop-off**

---