

Welcome to the November 2016 Issue of EUGRIS e-news, your chance to catch up with postings to EUGRIS over the last month.

Links to all of these items can be found at <http://www.eugris.info/Whatsnew.asp>.

Best wishes

The EUGRIS Team

***** Special Announcement *****

Nanoremediation for Soil and Groundwater Clean-up - Possibilities and Future Trends

Nanotechnologies could offer a step-change in remediation capabilities: treating persistent contaminants which have limited remediation alternatives, avoiding degradation-related intermediates and increasing the speed at which degradation or stabilisation can take place. However, adoption of nanoremediation has been slower, with fewer than 100 field scale applications, since the first field application in 2000. However, the recent emergence of nanoremediation as a commercially-deployed remediation technology in several EU countries, notably the Czech Republic and Germany indicates that it is now time to look at nanoremediation as a technology in the European market-place.

Since early 2013, the EU FP7 NanoRem project (www.nanorem.eu) has been carrying out an intensive development and optimisation programme for different nanoparticles (NPs), along with analysis and testing methods, investigations of fate and transport of the NPs and their environmental impact. NanoRem is a €14 million international collaborative project with 29 Partners from 13 countries, and links to the USA and Asia. It is a major initiative, which will support the effective deployment of nanoremediation technologies in Europe.

The NanoRem final conference "Nanoremediation for Soil and Groundwater Clean-up - Possibilities and Future Trends" takes place on 21st November 2016 at Dechema in Frankfurt am Main, Germany. This major event will present the most recent developments and opportunities for soil and groundwater nanoremediation using a range different nanoparticles. Key conference themes are:

- Nanoparticle types, design, performance and behaviour in the subsurface transport.
- Results from a series of pilot applications in the field in different European countries for a range of nanoparticle types
- Guidelines for the appropriate and effective application of nanoremediation
- A panel discussion about the future possibilities and trends of nanoremediation
- A networking reception event immediately after the technical event.

Further information and registration is available from <http://www.nanorem.eu> or <http://dechema.de/nanorem2016.html>. A special low fee is on offer on a first come first served basis of €90 covering both the conference and the reception. Frankfurt is extremely well connected by road, rail and air and special delegate packages from local hotels have been arranged by Dechema.

Note: Following the NanoRem final conference there is the German DECHEMA Symposium 2016: "Strategien zur Sanierung von Boden & Grundwasser", 22nd & 23rd November 2016 (registration at <http://dechema.de/sanierung16.html>).

**** Items updated and posted to EUGRIS in November 2016 ****

****NEWS****

907 US EPA TechDirect, October 1, 2016

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1063>

908 UK government assurances for EU funding post-BREXIT

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1064>

909 UK: Coronor's verdict in respect of Zane Gbangbola and claimed landfill gas emissions

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1065>

910 Lenders'liabilities changing in Queensland, Australia

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1066>

911 South Africa: liabilities for rehabilitation of mining land

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1067>

912 Revision of Guidelines for the NSW Site Auditor Scheme

<http://www.eugris.info/DisplayNewsItem.asp?NewsID=1068>

**** Events, meetings & training ****

Capteurs pour le suivi de la qualité de l'air : où en est-on ?

<http://www.eugris.info/DisplayTraining.asp?OrgID=563>

Call for papers - Waste or Resources? - CO2: Challenges & Solutions

<http://www.eugris.info/DisplayTraining.asp?OrgID=562>

Le renouvellement urbain face à la diminution de l'investissement public : Quels outils disponibles et quels leviers possibles ?

<http://www.eugris.info/DisplayTraining.asp?OrgID=561>

**** New Projects****

Colloidal Iron Oxide Nanoparticles for the REclamation of Toxic Metal Contaminated GROUNDwater Aquifers, Drinking Water Wells, and River Bank Filtrations

<http://www.eugris.info/DisplayProject.asp?ProjectID=4797>

****New RESOURCES****

Guidance for Remediation of Petroleum Contaminated Sites

<http://www.eugris.info/DisplayResource.asp?ResourceID=7916>

Importance of Young Dissolved Organic Carbon to the Release of Arsenic in Aquifers

<http://www.eugris.info/DisplayResource.asp?ResourceID=7915>

Optimization Review Report: Saunders Supply Company Superfund Site Suffolk County, Virginia, EPA Region 3

<http://www.eugris.info/DisplayResource.asp?ResourceID=7914>