



SNOWMAN NETWORK

Knowledge for sustainable soils



2015
International
Year of Soils

SNOWMAN network meeting

25-26 March 2015

PARIS, France

[Open and free registration on www.snowmannetwork.com](http://www.snowmannetwork.com)

SNOWMAN is a transnational group of research funding organizations and administrations in the field of **sustainable management of soil and groundwater** in Europe that aims to bridge the gap between knowledge demand and supply (Science-Policy-Practice Interface) through the development and sharing of relevant knowledge by:

- executing a research programme by organizing calls for projects;
- disseminating knowledge by sharing the knowledge developed in the SNOWMAN projects among the members and our broader networks;
- involving end-users and stakeholders by giving them a role in our advisory group and in our project consortia with end-user participation.

During the 2015 annual SNOWMAN meeting, the results of **13 research projects, 8 SNOWMAN projects and 5 from the European 7th Framework program**, will be presented and discussed. These projects bring new insights for the management of **soil contamination**, issues related to **urban soils and land-uses**, a better understanding of **soil functioning and ecosystem services** as well as **stakeholder engagement**.

The SNOWMAN meeting will also look forward with the presentations of **two starting Horizon 2020 projects**: the INSPIRATION coordination and support action, which is set to **build the European soil, land-use and land management strategic research agenda**, and the BIODIVERSA ERA-Net, which will share its planned actions related to soil and land use. These presentations will be followed by a panel discussion to exchange on the priorities for European research related to soils in the coming years and the best ways to foster the scientific developments required for a sustainable soil use and management.

Side event on March, 27th

9h-12h30

**Final Meeting of the SNOWMAN project
PACMAN**

Assessment and Management of polar PACs in contaminated soils and remedial processes

Contact information

Jurgis Sapijanskas (MEDDE)
info@snowmannetwork.com
jurgis.sapijanskas@developpement-durable.gouv.fr

www.snowmannetwork.com

Venue

French ministry of Ecology,
Sustainable development
and Energy (MEDDE)

Paris, France



DAY 1 * 10h - 18h30		
10h	Introduction	<i>Patrice Bueso, Deputy head of the Research Service, MEDDE and Simon Moolenaar, SNOWMAN Chair</i>
10h15	Soil in Earth's Critical Zone	
20'+10'	SOILTREC : Soil Transformation of European Catchments	<i>Steven Banwart, University of Sheffield, UK</i>
Session 1 : Soil contamination		
<i>Chaired by Bert van Goidsenhoven (OVAM, Belgium)</i>		
10h45	IBRACS : Integrating bioavailability in risk assessment of contaminated soils: opportunities and feasibilities	<i>Dan Berggren Kleja, Swedish University of Agricultural Sciences SLU</i>
20'+5'		
11h10	PACMAN : Assessment and management of polar pacs in contaminated soils and remedial processes	<i>Staffan Lundstedt, Umeå University, Sweden</i>
20'+5'		
11h35	HOMBRE : Holistic management of brownfield regeneration	<i>Maaïke Blauw, Deltares, Netherlands</i>
20'+5'		
12h00	Discussion	
12h35 -14h00 Lunch		
Session 2 : Urban soils and land-uses		
<i>Chaired by Christophe Schwartz (Univ. de Lorraine, France)</i>		
14h00	URBAN SOILS : Relationship between city-dwellers and soils: how to use urban and peri-urban soils to face the urban challenges?	<i>Louiza Boukharaeva, CNRS, France</i>
20'+5'		
14h25	BALANCE 4P : Balancing decisions for urban brownfield regeneration – people, planet, profit and processes	<i>Jenny Norrman, Chalmers University of Technology, Sweden</i>
20'+5'		
14h50	VOLANTE : Visions of land-use transition in Europe	<i>Bas Pedroli, Alterra, Netherlands</i>
20'+5'		
15h15	Discussion	
15h50 – 16h15 break		
Session 3 : Building the european soil, land-use and land management strategic research agenda		
<i>Chaired by Steven Banwart (University of Sheffield, UK)</i>		
16h15	BIODIVERSA : past actions and perspectives related to soil and land use (Era-Net)	<i>Xavier Le Roux, FRB - Coordinator and CEO of Biodiversa, France</i>
15'+5'		
16h35	INSPIRATION : Structuring research on soil, land-use and land management in Europe (Coordination and support action)	<i>Detlef Grimski, UBA, Germany</i>
15'+5'		
Panel discussion		
16h55	Birgit de Boissezon (European Commission, DG Research & Innovation), Detlef Grimski (Coordinator of the INSPIRATION project), Xavier Le Roux (Coordinator and CEO of Biodiversa), Luca Montanarella (Chair of the Intergovernmental Technical Panel on Soil, Global Soil Partnership) and Simon Moolenaar (Chair of the SNOWMAN network)	
95'		
DAY 2 9h45- 15h45		
9h45	Introduction	
Session 4 : Soil functioning and ecosystem services		
<i>Chaired by Claire Chenu (AgroParisTech, France)</i>		
9h55	ECOSOM : Soil organic matter as a key factor in the provision of soil ecosystem services	<i>Sabine Houot, INRA, France</i>
20'+5'		
10h20	SUSTAIN : Soil functional biodiversity and ecosystem services, a transdisciplinary approach	<i>Guénola Peres, AgroCampusOuest, France</i>
20'+5'		
10h45	ECOFINDERS : Ecological Function and Biodiversity Indicators in European Soils	<i>Philippe Lemanceau, INRA, France</i>
20'+5'		
11h10	Discussion	
11h50 -13h30 Lunch		
Session 5 : Soils and Stakeholder engagement		
<i>Chaired by Florence Carré (INERIS, France)</i>		
13h30	SAS-STRAT : Sustainable agriculture and soil, comparative study of strategies for managing the integrated quality of agricultural soils in different regions of Europe	<i>Ambroise De Montbel, AgroParisTech, France</i>
20'+5'		
13h55	RAISOILCOMP : Raising awareness on the impact of subsoil compaction	<i>Mirjam Hack-ten Broeke, Wageningen UR, Netherlands</i>
20'+5'		
14h20	RECARE : Preventing and Remediating degradation of soils in Europe through Land Care	<i>Demie Moore, Wageningen University, Netherlands</i>
20'+5'		
14h45	Discussion	
15h35	Closing statements	<i>Isabelle Feix, Ademe and SNOWMAN Chair</i>

* FP7, H2020 and SNOWMAN projects

Side event

PACMAN Final Meeting

ASSESSMENT AND MANAGEMENT OF POLAR PACS IN CONTAMINATED SOILS AND REMEDIAL PROCESSES

March 27th 9h00 -12h30

PACMAN or 'Assessment and Management of polar PACs in Contaminated Soils and Remedial Processes' is a project within the third research call of the SNOWMAN Network. PACMAN aims to elucidate to what extent compounds belonging to the group polar PACs contribute to the risk at PAH contaminated sites, and also to find ways to manage and reduce this risk. Research is carried out within four work packages with the specific objectives to: investigate the potential dimension of the polar PAC problem by collecting data on their occurrence and distribution at various contaminated sites (WP3), evaluate remediation technologies regarding the risk for polar PAC formation (WP4), investigate the leaching behavior of polar PACs in comparison to that of PAHs (WP5), assess the overall risk posed by polar PACs by making a synthesis of all the knowledge gained within the project, also including knowledge on the toxicity of polar PACs (WP6).

During this final meeting the outcomes and implications of the PACMAN project will be summarized.

SCHEDULE

9 :00 - 9:15 **Welcome and introduction**

Staffan Lundstedt (Umeå University) / Bruno Lemière (BRGM)

9:15 - 9:45 **PAC-contaminated sites; distribution, toxicity and risk**

Staffan Lundstedt (Umeå University)

9:45 - 10:15 **Formation of polar PACs during PAH degradation and remediation**

Pierre Faure (CNRS-LIEC) / Catherine Iorgeoux (CNRS-GeoRessources)

10:15 - 10:45 **Coffee break**

10:45 - 11:15 **Mobility and mobilization of polar PACs**

Staffan Lundstedt (Umeå University) / Pierre Faure (CNRS-LIEC)

11:15 - 11:45 **CBA and policy issues in connection to PAC contaminated sites**

Bruno Lemière BRGM /Stefan Colombano BRGM

11:45 - 12:30 **Discussion and wrapping up**

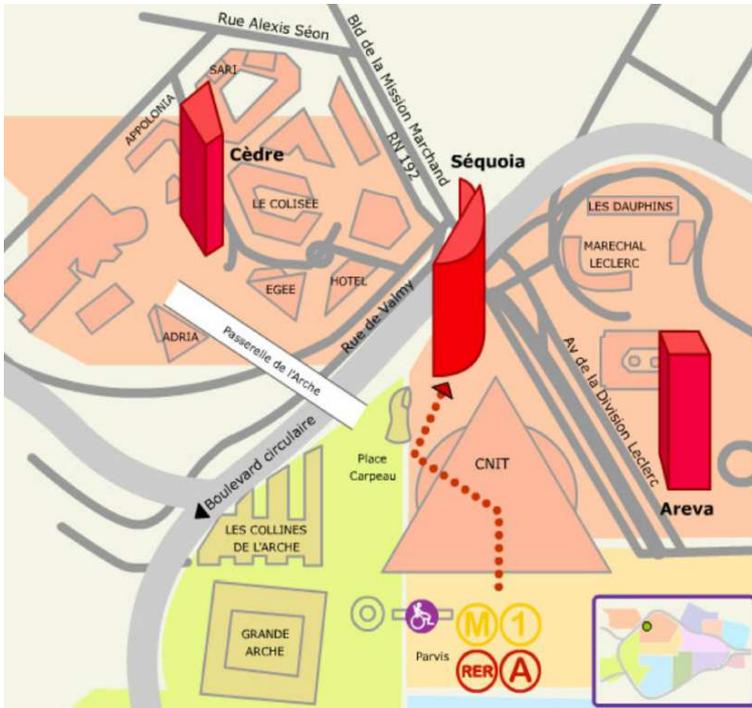
Moderator: Bruno Lemière (BRGM)

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Access

TOUR SEQUOIA

French ministry of Ecology, Sustainable development and Energy (MEDDE)



Metro line 1 and Regional express rail **RER line A** : stop at « **La défense Grande Arche** », Exit « **place Carpeau** », the SEQUOIA tower is 5 minutes away.

The Séquoia tower is on your right when facing the *Grande arche* with Paris in your back. It is located between the *Areva* and *GDF-SUEZ* towers.

From **Gare du Nord railway station** (approx. 35 minutes) or **Charles de Gaulle airport** (approx. 1h15 minutes):

RER line B to « **Chatelet les Halles** » and change for **RER line A** to « **La défense Grande Arche** »