

International SURF Groups and Partners

5th December 2017

7.00am – 9.00am London Time

Meeting No. 18

Representatives:

- SuRF-ANZ : Tony Scott (Chair)
- SuRF-Taiwan : Kavin Zan and Yi-Hsin
- SuRF-UK : Paul Bardos
- SuRF Brazil : Olivier Maurer
- SuRF-NL: Laurent Bakker & Tessa Verschoor
- NICOLE : Hans Slenders
- SuRF-Japan : Yasuhide Furukawa/Tetsuo Yasutaka
- SuRF China : Cathy Hu
- Secretariat : Nicola Harries CL:AIRE

Apologies received:

- SuRF-Italy : Claudio Albano
- SuRF-Canada : François Beaudoin
- SURF-USA : John Simon/Barbara Maco
- SuRF-Colombia : Alfonso Rodriguez
- SuRF-Taiwan: Bing Nan Wang
- SuRF-UK: Hayley Thomas

1.	Welcome Tony Scott welcomed everybody.
2.	Recent progress updates All SuRFs that were present provided a brief update. SuRF-China Cathy Hu (CH) provided an update of SuRF-China explaining that they recently launched SuRF-China at the SiteRem 2017 conference. They currently have a small secretariat to move the initiative forward and will be setting up a technical committee. CH explained she will be working alongside Mengfang Chen. In China they are now starting to appreciate the value of Green and Sustainable Remediation (G&SR) and look forward to working with the international SuRF community to learn more about implementation.

SuRF-Japan

Yasuhide Furukawa (YF) provided an update on SuRF- Japan and explained that they are currently working on a number of white papers. Since AquaConsoil SuRF-Japan has been speaking to SuRF-UK to understand more about their approach to the development of their framework and indicators to support their framework. SuRF-Japan visited the UK in September and met SuRF-UK chairs and are hoping for a reciprocal visit by Paul Bardos (SuRF-UK chair) in Spring 2018 to Japan where they can explore more ideas and concepts.

NICOLE Working Group on Sustainable Remediation

Hans Slenders (HS) explained that the NICOLE Sustainable Remediation Working Group has now stopped meeting but he is still performing an ambassador role if asked to speak externally. Recently NICOLE launched a new working group titled "Land Stewardship" which he feels will have cross over with sustainable remediation. The working group is in its infancy with the first meeting held recently, where they discussed the terms of reference and the boundaries of the working group. Once these are finalised HS will share with the SuRF International community. The aim is to ultimately produce a short booklet in partnership with the Common Forum setting out the main principals. It is hoped to publish a draft for the next NICOLE meeting in the Spring with final publication in the Autumn 2018.

SuRF-NL

Tessa Verschoor (TV) introduced herself as she is the new chair of SuRF-NL. She confirmed that SuRF-NL are planning an event in January 2018 where they will be talking about remediation management in a sustainable way on a site.

SuRF-Brasil

Olivier Maurer (OM) confirmed that SuRF-Brasil is extremely active at the moment with 28 members, the network sits within the RELASC network. They are currently working on a white paper on sustainable remediation which they hope to share with the authorities with Sao Paulo shortly. This document is in Portuguese. SuRF-Brasil is reaching out to other countries to build a network across South America such as Peru, Colombia, Chile and Argentina. A conference was held in Peru in May 2017 which attracted 400 people and one of the 3 days was dedicated to sustainable remediation, where workshops were held, and remote training also provided. This is seen as a more cost-effective outreach method. SuRF-Brasil is busy planning SustRem 2018, the organising committee has regular meetings. A flyer has now been produced which will be circulated to help promote the conference and to attract sponsors.

SuRF-ANZ

Tony Scott (TS) introduced himself as the new chair of SuRF-ANZ. He explained that SuRF-ANZ are currently developing training to raise awareness of sustainable remediation. They are looking to get sustainable practices linked into large infrastructure development projects as TS explained that some government states such as on the east coast of Australia are starting to mandate sustainability criteria including reuse and recycling of materials.

In addition, TS explained they are developing training around the new ISO to promote sustainable remediation and raise awareness of the ISO 18504

Sustainable Remediation among industry professionals. This training will be rolled out around Australia and New Zealand in first half of 2018 and is likely to be co-sponsored with the Infrastructure Sustainability Council of Australia (ISCA).

They are also surveying senior technical leaders and regulators to identify the key issues with wider adoption of sustainable remediation in order to focus future SuRF ANZ activities.

SuRF-UK

Paul Bardos (PB) introduced himself as the new co-chair of SuRF-UK. He is sharing the chairperson's role with Hayley Thomas of Shell. PB explained that SuRF-UK steering group had met in July and September and had identified a number of outreach activities that they want to take forward. One of these is to develop a simple cartoon to explain what sustainable remediation is and the main principals. SuRF-UK hopes that this would help widen the audience reach for the understanding of sustainable remediation and could also be useful to international audiences as well. So far, SuRF-UK has developed the basic narrative for the cartoon and are currently seeking delivery partners. Funding is still to be confirmed for this activity.

SuRF-Taiwan

Bing Nan Wang (BNW) was unable to attend the call but his colleagues Kavin and Yi-Hsin participated by listening only. BNW asked NH to provide an update on behalf of SuRF-Taiwan.

SuRF-Taiwan elected a new chair in April, Prof. Zeng-Yei Hseu, his expertise is in soil and ecology, survey, evaluation, and remediation of soil contamination. He is a professor of the department of agricultural chemistry at the National Taiwan University.

SuRF Taiwan has also reorganised the committee members, which it is hoped will bring new ideas of SR promotion. SuRF Taiwan is currently helping the Taiwanese EPA to add some new functions to the GSR online decision supporting tools. It is now divided into two tiers. Tier 1 is designed for pre-evaluation with default calculations, whereas Tier 2 can be used by more experienced users and collect true numbers through the inventory investigation of field work. By comparing tier 2 results at different times it will help to work out if the SR goals are achieved or not. This tool will be online next month.

BNW also confirmed that a poster of ISRA was displayed last month at a conference and at a workshop in Kaohsiung city last week. SuRF Taiwan is continuously promoting sustainable remediation in Taiwan through joint conferences and workshops.

SuRF-Italy

Claudio Albano (CA) was unable to join the call but sent the following report. SuRF-Italy continues to work on their national guidelines on implementation of Sustainable Remediation (finalising collection of comments from members). CA also presented at the latest Remtech Europe conference about the importance of sustainable remediation and ongoing national and international events.

	<p>SURF</p> <p>Barbara Maco (BM) was unable to attend the call on behalf of SURF so sent the following report.</p> <p>SuRF 35th conference was held in collaboration with the Association for Environmental Health and Sciences Foundation 33rd Annual International Conference on Soils, Sediments, Water, and Energy. SURF's technical sessions focused on redevelopment and climate change and resilience.</p> <p>SURF was one @ 20 invited participants in the US EPA Superfund Initiative Roundtable: Completing Cleanup and Revitalizing Properties. SURF promoted the use of SR and offered to collaborate with EPA on a pilot project.</p> <p>SURF 2016-2017 Technical Initiative (TI) draft report on Climate Change and Resilience within Sustainable Remediation will be released in early 2018 that will:</p> <ul style="list-style-type: none"> • Address the long-term sustainability of site remediation and reuse from climate change impacts • Examine the benefits of rehabilitated land in strengthening community and ecosystem resilience <p>SURF would be honoured to have international SURF/ISRA representatives conduct a peer review of this draft report.</p> <p>SURF is developing climate change TI pilot projects with State global climate leaders including the Commonwealth of Massachusetts-- "a national leader in its promotion and application of green and sustainable approaches for the assessment and remediation of oil and hazardous disposal sites." (Renewal Redevelopment Magazine).</p> <p>Perhaps we can discuss developing an international pilot project on the next ISRA call?</p> <p>The SURF Board recently drafted a Green and Sustainable Remediation products/services database designed for our members.</p> <p>SURF would be happy to support SustRem 2018, including exploring with Silicon Valley companies the potential to live stream some of the platform presentations.</p> <p>SuRF-Colombia</p> <p>Alfonso Rodriguez (AR) was unable to attend the call but sent the following update on behalf of SuRF-Colombia.</p> <p>AR confirmed that they continue to work with the local government to try to establish a new local regulation in environmental liabilities. This regulation and guide includes the sustainable remediation framework. AR confirmed that they are in phase III and expect the regulation to be ready in July 2018.</p> <p>SuRF-Canada</p> <p>No report was provided.</p>
<p>3.</p>	<p>Conference Reports & Upcoming Opportunities</p> <p>AquaConsoil, Lyon, June 2017 – This conference was well attended with many SuRFs present. There were a number of workshops relating to sustainable remediation and ISRA featured as a poster.</p>

	<p>REMTECH Expo Italy, September 2017 – This conference is now becoming more international. Sustainable remediation was a topic this year.</p> <p>NICOLE Autumn Workshop, Copenhagen, October 2017 – This workshop was in partnership with ICCL (International Committee on Contaminated Land) on “Groundwater Management on Contaminated Sites” which hosted a number of very good presentations from across the globe. Sustainable remediation featured highly in relation to cost benefit analysis. All presentations are available to download from: http://www.iccl.ch/meeting_copenhagen.html</p> <p>UPCOMING Conferences</p> <p>SustRem 2018</p> <p>Olivier Maurer provided an update on the organisation of the SustRem 2018 conference.</p> <p>The conference date is now set for November 6-9 2018, after the presidential elections, and will consist of 4 days, including a site visit (a famous case in Brazil of a residences built on contaminated land), a students’ event, the Nicole Brazil general assembly, 2 days of conference, and last day for a series of interactive workshops, including sustainable remediation.</p> <p>The brochure has now been finalised to attract sponsors. The organisers are looking for a special venue, like Fundacao Itau in the Parco Ibirapuera for an evening function.</p> <p>The event will be jointly hosted with Ekos with a special focus on Social Aspects and Circular Economy. The Scientific committee will to be set up in January/February 2018, with the core of the committee being from Brazil, from Ekos and Nicole Brasil, and will be looking for renown specialists/academics on social aspects of sustainable remediation.</p> <p>Call for Abstracts is expected to be announced in February/March 2018.</p>
4.	<p>Actions to drive consistency between SuRF initiatives</p> <p>ISO</p> <p>Following the publication of the ISO in July 2017 a follow on call is expected soon to discuss possible daughter standards. No further details are known at present what these daughter standards may consist of. Further details are expected soon.</p> <p>Knowledge Share – Experience with engaging regulators, industry practitioners and industry partners in sustainable remediation</p> <p>TS led the discussion on this subject asking people to share their experiences of how different countries have successfully engaged their regulators. TS shared that in Australia and New Zealand most local legislators are not necessarily driven to push sustainable remediation concepts to improve awareness and standards so this is difficult for industry then to push forward with sustainable concepts.</p> <p>HS & PB shared their thoughts from their experience in Europe. HS explained in Europe with the financial downturn there was a reluctance to think about sustainability. The concepts are only accepted if a company considers the importance in respect to their company image. It has to be accepted by senior management otherwise everything is financially driven. In the UK even though</p>

	<p>sustainability concepts are written into guidance, companies are still reluctant to embrace due to the misconception that it costs more.</p> <p>All agreed that there is still a lot to do to try and engage the regulator and industry further.</p>
<p>5.</p>	<p>Any Other Business</p> <p>Continuing the funding for secretariat</p> <p>NH explained that as CL:AIRE is a non profit organisation they need support for their secretariat role and therefore if people want the International SuRF/ISRA forums to continue each international SURF group that is able, are asked to contribute financially to the secretariat role.</p> <p>ACTION: NH will follow up separately with each SuRF group.</p>
<p>6.</p>	<p>Next meeting</p> <p>The next meeting is scheduled for early March 2017.</p> <p>ACTION: NH to arrange with SuRF to host next meeting</p>

ITEM		ACTION
1.	<p>Welcome</p> <p>TonyNicola Harries (NH) welcomed everyone at AquaConsoil. As so many SuRF chairs were present it was a good chance to have a quick catch up and progress sharing session.</p>	
2.	<p>Recent Progress Updates</p> <p>Those SuRF Groups and Partners that were present provided a brief update on important news to share on their current initiatives and work that they were undertaking in relation to sustain remediation.</p> <p><u>SuRF-UK</u></p> <p>Jonathan Smith (JS) confirmed that SuRF-UK Steering Group is meeting in early July to map out Phase 5 work stream. Its main focus is going to be raising the profile of sustainable remediation.</p> <p><u>SuRF-NL</u></p> <p>Hans Slenders (HS) confirmed that he will be handing over the chair of SuRF – NL as the work is now going to be led by the Soil Forum. He and Laurent Bakker (LB) will still be involved along with the work of NICOLE.</p> <p><u>SURF-US</u></p> <p>Barbara Maco (BM) confirmed that SuRF US continues with their regular meetings and they are working closely with SuRF Canada on developing a roadmap and case study template on the social aspects of sustainable remediation. SURF US is continuing research on climate change, and conducting capacity building and mentoring more junior staff.</p> <p><u>SuRF-JAPAN</u></p> <p>Yasuhide Furukawa (YF) informed the SuRFs that they were waiting for the publication of the ISO and will then develop a road map, framework and Best Management Practices (BMPs) in line with this.</p> <p><u>SuRF -ANZ</u></p> <p>JH & PN confirmed that there had not been any progress recently in SuRF-ANZ. They too were eagerly awaiting the publication of the ISO which they hope will raise the profile of sustainable remediation.</p>	
3.	<p>Actions to drive consistency:</p> <p><u>Americana 2017</u></p> <p>BM confirmed that Americana had gone very well and there were a series of presentations on sustainable remediation. SuRF US had worked very closely with SuRF Canada. They had also made contact with Future Earth about ISRA.</p> <p><u>AquaConsoil 2017</u></p> <p>All confirmed that the platform presentations and workshop sessions at AquaConsoil on sustainable remediation had been successful and there had been a lot of interest. The international poster had also received a lot of interest.</p>	

	<p>There was a discussion what the SuRFs could do to drive more consistency. It was felt the publication of the ISO will help this. It was felt reaching out to global groups, looking at the United Nation Sustainable Development Goals and mapping against these could be a useful exercise. There was interest in working collaboratively on a call to try and secure some funding to move the initiative forward collectively. It was felt linking to clean energy and city goals would be advantageous.</p> <p>It was confirmed that SustRem 2018 would be hosted in Brazil. No further information was available at the time.</p>	
	<p>Next meeting The next meeting will be scheduled in November 2017. NH will coordinate.</p>	NH