

SUSTAINABLE REMEDIATION FORUM

BOARD OF TRUSTEES MEETING SUMMARY

December 19, 2014

- New additions to agenda
- Approve meeting minutes from last Board call
- Taipei International Conference Brief (Dora Chiang)
- Meetings
 - SURF27 – PDH Certificate (Amanda); Survey?
 - SURF28 Update (Kristin)
- Federal Remediation Technology Roundtable Brief (Amanda for Mike Miller & Brandt Butler)
- DOE-Savannah River (Rick)
- International SURF Network & Partners – Meeting Minutes (Amanda)
- Battelle
 - Technical (Rick)
 - Booth/Marketing Materials (Amanda)
- 2014 Funding for Kathy’s support (Keith)
- Contract Approvals for Kathy Adams & Mike Rominger (Angela)
- Sustainable Remediation Award (Olivia)
- Student Chapter Membership and Outreach (Rick, Keith)
- Committee reports / Initiative charters
 - Meetings
 - Finance (Keith)
 - Technical Initiatives
 - CSI
 - Social Aspects
 - SRI
 - Communications (Jake)
 - Membership (Amanda)
 - Education & Outreach (Rick)
 - Nominations (Angela)
- Other business
- US: new developments, policies, or conferences
- International: new developments, policies, or conferences

Attendees:

Nick Garson, President	✓	Rick Wice, at-large Trustee	✓
Angela Fisher, Vice-President	✓	Buddy Bealer, at-large Trustee	
Amanda McNally, Secretary	✓	Jake Torrens, at-large Trustee	✓
Keith Aragona, Treasurer	✓	Melissa Harclerode, at-large Trustee	✓
Karin Holland, Past President	✓	Olivia Scance, at-large Trustee	✓
Mike Rominger	✓	Kathy Adams	
Kristin Mancini	✓	Dora Chiang	✓

Meeting called to order at 1:04 pm EDT. Quorum confirmed.

- New additions to agenda – None.
- Approve meeting minutes from last Board call. **Unanimously Approved.**
- Taipei International Conference Brief (Dora Chiang): Dora Chiang (AECOM) attended the Taipei Conference on behalf of SURF. Sustainable remediation was the focus of 4 of the 16 speakers at the conference, including Paul Nathanail (University of Nottingham, UK), Jonathan Smith (Shell Global Solutions, UK), and Mark Soeller (URS, Germany). Dora had the opportunity to talk to policy makers, consultants, and industry representatives. Dora's presentation focused on the activities of SURF and also gave the bigger picture of green and sustainable remediation (GSR), including successes and failures, and why we are implementing GSR today. Invited speakers had a lot of conversation and excitement about the topics. Dora presented case studies from US (Bridal Veil Open Space) and Canada (Sydney Tar Ponds and Coke Ovens). Dora participated in a number of conferences while in Taiwan and China talking about remediation technologies and one of the recurring topics was GSR. She emphasized the importance of going beyond the framework and tools to embrace the broader concepts of sustainability. Taiwan EPA and SURF Taiwan work together to push GSR from a policy standpoint. GSR is really a part of the remediation decision making process. They wanted their professionals to understand the tools, methodology, and framework. Taiwan EPA is working developing a GSR certification process for professionals. Taiwan does not currently have risk-based cleanup standards, so they are looking for other ways to motivate cleanup of land for re-use (i.e., brownfield revitalization). Costs of GSR were not discussed at length; however, stakeholders had the perception that implementing GSR (i.e., following the frameworks, guidance, and tools) will be more expensive. Dora said this is the best conference she has ever been to. It included three days of technical presentations, followed by site visits around Taiwan.
- Meetings
 - SURF27 – Amanda prepared a SURF27 PDH certificate and will send it to Nick for his signature. Jake will send the certificate and survey link to all SURF27 attendees. Amanda will also send Jake the list of attendees and email addresses.
 - SURF28 Update (Kristin) – Theme is Moving SR Forward. Morning of Day 1 will discuss crossroads of SR and climate adaptation. Afternoon of Day 1 will focus on moving from ideas and plans to action. Day 2 will consist of a working group format to develop a path forward for SURF.
 - Kristin has reached out to Karin for a connection to the ASTM climate adaption working group. We are still looking for leads on climate adaption, carbon pricing, etc. Suggested to engage Marianne Horinko. Kristin has requested her support but has not received a response yet. Karin will reach out to ASTM working group for speakers and resources. We need to identify speakers no later than mid-January so the agenda can be finalized. Representative from the World Bank will be coming to discuss their position on SR. He has a colleague who works on the Inter-America Development Bank who may be able to speak to their position on SR. Other confirmed speakers include Kim Parker Brown (Navy), Carol Dona (Army), Carlos Pachon (USEPA Superfund), Deb Goldblum (USEPA), Russ Downey (Pfizer). DOE representative (Beth Moore) will attend but is not presenting. Rick has identified Ralph Nichols (Savannah River National Laboratory) who will attend and speak; we

would also like to engage him in SURF. Tom Potter (Mas DEP) and Heather Nifong (IL EPA) will be invited, but may need travel funding. Ford is also planning to attend but may not be interested in speaking or presenting as their program is in its infancy. Sharon may attend from PG&E and present or speak on a panel about social and economic aspects. Kristin will reach out to PRP attendees in January regarding presentations. It would be great to have more PRP representatives attend and speak on a panel.

- There are a lot of speaker leads right now, and the agenda will be shaped based on confirmed speakers. It was suggested to invite representatives from local state regulators from VA, MD, and DE. Also suggested to invite federal brownfield program representatives from USEPA.
- We should update the website with a list of confirmed speakers; many of the speakers have given a positive indication, but are awaiting formal approval. Kristin will send Jake a list of confirmed speakers ASAP.
- Kristin requested a formal invitation letter to send invited speakers as needed for approval to attend. Kristin will draft the letter on SURF letterhead and send to Nick for a signature.
- Federal Remediation Technology Roundtable Brief (Amanda for Mike Miller & Brandt Butler): Mike Miller provided a briefing to Amanda to relay to the Board. An overall takeaway was that government agencies are working with less money each year and expecting budgets to continue to decrease. They have to do things faster and cheaper, and this represents an opportunity for incorporation of SR and optimization strategies. Carlos Pachon (USEPA) recognized that social and economic aspects are important in the CERCLA process. Optimization was a big focus of the meeting and is inherent in sustainable remediation. Rebecca Bourdon-Higgins (MPCA) participated remotely and enthusiastically. She emphasized the focus on SR (not GR) in Minnesota. The presentation from SURF focused on the concepts of sustainability and the development of new approaches, as well as case studies. There was a lot of interest and questions from the audience during the presentation. The audience seemed very receptive to SURF. During a Panel discussion, government agencies asked, How can we do it [remediation] better? USEPA seemed uncomfortable with SR because of the perception that it may lead to a reason for less remediation. Mike emphasized that SR is a real process to improve remediation. The Nuclear Regulatory Commission asked, How can we learn enough information to make the right choice from the outset? The consensus was that you may not always get it right the first time, but well-informed, quality conceptual site models are very important. In the spirit of green remediation, you can always make a solution more efficient.
 - It was suggested to invite these attendees to SURF28 to continue the discussions.
- DOE-Savannah River (Rick): Rick gave a presentation on SR at DOE meeting at SRNL. Ralph Nichols and another colleague expressed interest in engaging in SURF. They have been pushing SR and GR at Savannah River. About 50 people were in attendance and asked a lot of questions during Rick's presentation. There was interest in minimizing ecological damage during site investigation. Rick discussed how better planning can improve the performance during remedial activities.
- Battelle
 - Technical (Rick): Session chairs received the abstracts for review (reviews were due this week). Not as many abstracts were submitted as we hoped for, so some sessions look a bit sparse.

- Booth/Marketing Materials (Amanda). Amanda and Angela will talk after the New Year to develop graphics mock up for the booth.
- International SURF Network & Partners – Meeting Minutes (Amanda): Amanda forwarded the minutes from the International SURF call in early December. Amanda did not participate but provided an update on SURF to Nicola Harries for inclusion in the minutes. Agenda items included updates from each country, recent and upcoming conferences, ISO updates, Inventory EU legislation, and formation of an international SURF association and brand.
 - Should we invite international representatives to participate in SURF28? It would be nice to reciprocate an invitation to Dr. Chen of SURF Taiwan. Should/can we offer funding for his travel? The SURF28 team will discuss on the call on Monday.
- Contract Approvals for Kathy Adams & Mike Rominger (Angela): Kathy's 2015 contract was circulated; however, it does not include the 30 hours requested from John Simon for 2015 CSI activities. She should also include any time that will be spent on SURF27 wrap up and other CSI support activities. Keith does have input from John and others on the amount of support needed from Kathy in 2015. The attorney review is fairly straightforward. We should be able to complete the 2015 contract approvals at the beginning of January. Mike provided his updated scope of work, but may need to update the terms and conditions with the correct dates and modification numbers. Mike will review and update if necessary.
- 2014 Funding for Kathy's support (Keith): There are a number of CSI and editing tasks that Kathy has worked on this year that need formal approval from the Board for payment. A total of 18 hours were spent to work on the Ferrara, Italy case study workshop and case study editing for the CSI team. The total amount to be approved for the remainder of 2014 is \$1,296.
 - Motion to approve \$1,296 amendment to Kathy Adams' 2014 contract for time spent on the above described tasks. **Approved Unanimously.**
- Sustainable Remediation Award (Olivia): The creation of an SR Award was suggested as an action item from the June 2014 Roundtable by USEPA. Olivia researched other award programs (e.g., Phoenix Award for Brownfields) as a benchmark. The Phoenix Award is its own non-profit organization. The USEPA cannot sponsor the award, but is a part of the judging panel and presents the awards at its national brownfields conference. We need to be able to effectively differentiate an SR Award from the Phoenix Award so that we aren't in competition with the Phoenix. We would also want to make this a *Sustainable* Remediation Award, not a *Green* Remediation Award. The program could be administered by SURF, as opposed to a separate non-profit. We could get sponsors for the award. It could be awarded at Battelle or at a SURF meeting. Would need to determine annual or semiannual frequency. The Phoenix Award is granted for different categories and regions. We could provide awards for sites in different stages of remediation or for a site that incorporates SR throughout the project life cycle. We could also have a standout award for each leg of sustainability or have an award for the most balanced approach. Would be difficult to award based on the economic aspect. Phoenix Award applications require a questionnaire, case study, and letter of recommendation; the entire application is approximately 20 pages. We would need to determine categories, submittal requirements, judging criteria, and when/where this SR award would be presented. The judging panel should be a good cross-representation of the SR community. Olivia will follow up with Buddy to find out how engaged USEPA would like to be in the development process.
- Student Chapter Membership and Outreach (Rick, Keith) – No Update. Action Item to regroup on this in early 2015.

- Committee reports / Initiative charters
 - Meetings
 - Finance (Keith): Keith provided a snapshot of SURF's current financial position. We recently received an additional \$30,000 in funding from API for SRI. 2014 yearend balance projection is approximately \$84,000. If there are activities requiring funding in 2015, members should contact Keith. Sponsorship invoices have been distributed for 2015. Keith has received sponsorships from BP (Gold), Envirocon (Bronze), and Terra Systems (Silver). Olivia has received tentative confirmation that Chevron will be a sponsor in 2015 (level unknown).
 - Technical Initiatives
 - CSI: Received 6 Panel update from John. We have finalized ten case studies to date. Amanda has developed a database (i.e., Excel spreadsheet) to track and sort the case studies. The case studies and database will be posted on the SURF website under Library → Case Studies.
 - Social Aspects – No Update
 - SRI – No Update
 - Communications (Jake)
 - Membership (Amanda): Amanda shared the updated membership list with 2015 eligible voters (approximately 100 total). Amanda will remind members to renew their membership in January. Will also include a reminder to vote – voting link is typically distributed via email from Mike Rominger and not on the SURF website. Keith has updated PayPal codes for new membership categories. Amanda and Jake will update website front end to match the updated membership categories.
 - Education & Outreach (Rick)
 - Nominations (Angela): There are twelve days left in the nominations period. Voting will occur in January. Results will be announced at the end of January. Board members should review the membership directory to identify any members that could serve a leadership role and nominate them for a position.
- Other business
- US: new developments, policies, or conferences
- International: new developments, policies, or conferences

Action Items:

- Amanda prepared a SURF27 PDH certificate and will send it to Nick for his signature. Jake will send the certificate and survey link to all SURF27 attendees. Amanda will also send Jake the list of attendees and email addresses.
- SURF28 team will discuss an invitation to Dr. Colin Chen of SURF Taiwan on the next planning call (Monday 12/22).
- Rick, Keith and Mike will regroup on Student Chapter Membership and Outreach in January 2015.
- Amanda will post the case studies and database on the SURF website under Library → Case Studies (week of 12/22).
- Amanda and Jake will update website front end to match the updated membership categories.
- Keith will send out a new meeting invite for the January Board call (January 16, 2015).

Motion to adjourn the meeting. Unanimously Approved.

The preceding represents the author's interpretation of the items discussed at the meeting.

Please contact me with any discrepancies, changes, or clarifications in writing for inclusion in the record.

Respectfully submitted by,

Amanda D. McNally, Secretary