DRAFT MEETING AGENDA

Water and Environmental Technology (WET) Center
National Science Foundation Industry/University Cooperative Research Center

Temple University, University of Arizona, Arizona State University

Industrial Advisory Board (IAB) Annual Meeting
June 12-13, 2018

Location- Johnson & Johnson Facility
200 Tournament Drive
Horsham, PA 19044

Monday – June 11, 2018

Arrival in Philadelphia- Check into hotels.

5:30-7:00 PM    Informal Meet-and-Greet at Joseph Ambler Inn (OPTIONAL)

Tuesday – June 12, 2018

Centocor (J&J) / GBSC building; 200 Tournament Drive, Horsham, PA 19044
Convener     -   Rominder Suri, Director WET Center

7:30-8:00 AM     Breakfast

8:00-8:10 AM    Opening Remarks and Introduction of Participants.
Rominder Suri, Director WET Center

8:10-8:20 AM    State-of-the WET Center
Rominder Suri, Director WET Center

8:20-8:30 AM    State-of-the Center Report-Temple University
Rominder Suri, Director WET Center

8:30-8:40 AM    State-of-the Center Report - University of Arizona.
Ian Pepper, UA Site Director

8:40-8:50 AM    State-of-the Center Report – Arizona State University.
Morteza Abbaszadegan, ASU Site Director

8:50-9:00 AM    Overview of L.I.F.E. Forms – Proposals, Continuation Projects, Completed Projects
David Tansik, WET Center NSF Evaluator
9:00-10:00 AM  Temple University

New Project Proposals

• [TU-18-01] Development of presence / absence, real-time sensor for PFAS, Mithil Nayungari and Rominder Suri (TU Proposal)
• [TU-18-02] Testing of a real-time sensor for Arsenic in water, Sibel Barisci and Rominder Suri (TU Proposal)
• [TU-18-03] Removal of Selenium species from water, Mithil Nayungari and Rominder Suri (TU Proposal)

TU Continuation Projects Requesting Funding

• [TU-16-01] Removal/Degradation of Perfluorinated Compounds (PFAS) in Water, Takshak Shende and Rominder Suri (Progress Report + Additional Funding)
• [TU-17-04] Fate properties of a new Perfluorinated Compound (PFAS), Sibel Barisci and Rominder Suri (Progress Report + Additional Funding)

10:00-10:20 AM  Coffee Break

10:20-12:10 PM  TU Continuation Projects Requesting Funding (continued)

• [TU-17-01] Analytical methods development and treatability studies for the removal of antibiotics and antimicrobial resistance genes, Rominder Suri, Avner Ronen, Mohan Achary, (Continuation Project requesting funding)
• [TU-15-03] Regenerable Polymer Adsorbent Filter for the Removal of dichlorobenzene and co-contaminants from Water, Mithil Nayungari and Rominder Suri (Progress Report + Additional Funding)

TU Progress Reports (NOT requesting funding)

• [TU-13-03] Chemical and Biological Markers of Untreated Sanitary Waste in Wissahickon Creek Watershed, Stafford Stewart, Rominder Suri, Lisa Hu (Progress Report)

12:10 – 1:10 PM  Lunch + Guest Presentation

12:40 - 1:05 PM  Presentation by Prof Kellogg Schwab from John Hopkins University

1:10 - 1:50 PM  University of Arizona Presentations

New Project Proposals

• (UA-P01-S2018) Survival of antibiotic resistant bacteria—Aidan Foster, Chuck Gerba, and Ian Pepper (UA Proposal)
• (UA-P02-S2018) Evaluation of tracers of fecal pollution in drinking water distribution systems – Walter Betancourt and Minkyu Park (UA Proposal)
UA Continuation Projects Requesting Funding

- [UA-02-S2018] Smart polymers and reduced consumptive water use of turfgrasses, Mark Bannister, Ian Pepper (Continuing + Requesting Additional Funding)
- [UA-03-S018] Fate of viruses during anammox side stream treatment of wastewater effluent, Ian Pepper, Aidan Foster (Continuing + Requesting Additional Funding)
- [UA-09-S2018] The AMP index as a metabolic indicator of health of microbial populations: proof-of-concept for soil and water microbial communities, Luisa Ikner, Daniel Quintanar, Ian Pepper (Continuing + Requesting Additional Funding)

UA Progress Reports (NOT requesting funding)

- [UA-05-S2018] Quantifying virus removal by managed aquifer recharge – Christina Morrison, Ian Pepper, and Chuck Gerba

1:50 - 2:30 PM Arizona State University Presentations

ASU New Project Proposals

- (ASU-03-2018) Utilization of Surrogate to Assess the Removal of Algal Toxins in Conventional Drinking Water Treatment, Absar Alum and Morteza Abbaszadegan

ASU Continuation Projects Requesting Funding

- [ASU 02-2014] Emerging Contaminants Scenario – Opportunistic Pathogens and Indicator Bacteria, Morteza Abbaszadegan, Andrew Buell and Peter Fox (Progress Report + Additional Funding)

ASU Progress Reports (NOT requesting funding)


2:30 - 2:55 PM Presentation by Prof David Feldman from University of California, Irvine

2:55 - 3:15 PM Coffee Break

3:15 – 5:00 PM Future of WET Center – New center formation
IAB Closed Door Discussions with Center/Site Directors
Complete LIFE Forms (IAB Only)
5:30 - 6:30 PM  Social Hour and Discussions (Joseph Ambler Inn)
6:30 PM  Dinner (Joseph Ambler Inn)

Wednesday - June 13, 2018

Centocor (J&J) / GBSC building

8:30-9:00 AM  Breakfast
IAB Closed Door Discussions with Center/Site Directors

9:00-11:00 AM  Feedback from IAB on presentations and L.I.F.E. forms, and discussions.

Other Agenda Items:
- Approval of previous meeting minutes.
- New center formation
- Future Research Topics – from IAB.
- Other

11:00-11:15 AM  Closing Remarks.
Adjourn.

Wednesday PM  Tour of Temple WET Center Laboratory Facilities.
(OPTIONAL)