



MIRAI Sustainability Workshop June 7-8, 2018 at University of Gothenburg

Theme: From source to sink – Human society and the flow of water

Topics include groundwater pollution, urban planning, waste water treatment technologies, and ecosystem effects of effluent in the marine environment. The focus of the workshop will be on how researchers within these fields can collaborate in a multidisciplinary way to address societally important questions. Potential questions to be addressed can for example be: “How do different waste water techniques affect the coastal ecosystem?”, “How does urban planning affect the need for waste water treatment?”, “How does human-caused environmental change affect marine ecosystem services (for example aquaculture efforts or fisheries)?”, and “How does groundwater pollution affect urban planning?”

The goal of the workshop is to establish new multinational and cross-disciplinary research ideas, and to pinpoint relevant funding sources in both Japan and Sweden. Focus will be on the future transition from ideas to practice, and to establish a starting point for further collaboration at the next MIRAI sustainability symposium in Tokyo in October of 2018.

Sub-topics:

- 1.) Marine Ecosystem services / Effects of human-caused environmental change
- 2.) Water treatment / Membrane research
- 3.) Water in human society

Venue:

University of Gothenburg, The Faculty of Education –
Pedagogen, House B “Åsikten”. Street: Läroverksgatan 15.
https://uf.gu.se/english/about-faculty/Find_your_way/Campus_Pedagogen



Register at <http://doit.medfarm.uu.se/kurt11888>



Programme Thursday June 7:

- 09:00-09:20 Welcome to University of Gothenburg by Prof Mattias Goksör, Pro-Vice-Chancellor
- 09:20-09:40 Opening remark by Prof Anna Rutgersson (Chair of SSC Sustainability)
- 09:40-10:10 Key note by Prof Anna Rutgersson, SSC Uppsala University – sub-topic 1:
Marine Ecosystem services / Effects of human-caused environmental change
- 10:10-10:30 Coffee/Tea and Group photo
- 10:30-11:30 Sup-topic 1 – discussion leader: Dr Pierre de Wit, University of Gothenburg
Short presentation early career researchers (5x10 min)
- 11:30-12:45 Lunch for all
- 12:45-13:45 Parallel group discussions with researchers from sub-topic 1
Purpose: collaboration possibilities
- 13:45-14:15 Reporting from group sessions
- 14:15-14:45 Key note by Prof Toshinori Tsuru, SSC Hiroshima University – sub-topic 2:
Water treatment / Membrane research
- 14:45-15:00 Coffee/Tea
- 15:00-15:50 Sup-topic 2– discussion leader: Prof Frank Lipnizki, Lund University
Short presentation early career researchers (5x10 min)
- 15:50-16:50 Parallel group discussions with researchers from sub-topic 2
Purpose: collaboration possibilities
- 16:50-17:20 Reporting from group sessions
- 17:20 We walk together to Stenpiren (10 minutes walk) for boat transport to the ship
Ostindiefararen, the boat departs 17:46.
- 18:00-21.00 Welcome by Prof. Eva Wiberg, Vice-Chancellor, followed by guided tour and dinner at the ship
Ostindiefararen Götheborg

www.soic.se/ostindiefararen-gotheborg/en





Programme Friday June 8:

- 08:30-09:00 Key note Dr Ewa Machotka, Stockholm University – sub-topic 3:
Social / Urban planning with respect to water use
- 09:00-09:50 Sup-topic 3 – discussion leader Fernando Jarmillo (Stockholm University)
Short presentation early career researchers (5x10 min)
- 09:50-10:50 Parallel group discussions with researchers from sub-topic 2
Purpose: collaboration possibilities
- 10:50-12:15 Lunch for all at restaurant Gabriel, *Feskekörka*
<https://www.goteborg.com/en/feskekorka/>
- 12:15-12:45 Reporting from group sessions
- 13:00-13:30 Presentation of available funding sources in Japan and Sweden
- Dr Andreas Göthenberg, Director of STINT
 - Dr. Tadaharu Tsumoto, Director of JSPS Stockholm Office and Mr. Tatsuya Ishida, JSPS Stockholm Office
- 13:30-14:30 Further discussion, links between the three topics, smaller groups
- 14:30-15:00 Coffee/Tea
- 15:00-15:30 Closing remarks by session leaders
- 15:30-16:00 Preparation for next workshop, Mikiko Suguira, Sophia University
- 16:30-21.00 Swedish After Work (at own cost), Comfort Hotel Göteborg/restaurant OGBG, Skeppsbroplatsen 1



Programme Saturday June 9:

Optional excursion to *Kristineberg Marine Research and Innovation Center*,
https://loven.gu.se/english/about_the_loven_centre/kristineberg

