

1st Annual Urban Soils Symposium

Soils of our City: features and applications

Friday, December 09, 2016

9:30 am Registration and Reception

Opening Remarks & Keynotes – Gold Room (6th Fl)

10:00	William Tramontano - Provost, Brooklyn College
10:05	Welcome speech- USI
	KEYNOTES
10:15	Council Member Jumaane D. Williams
10:30	Greg Kist - NY State Conservationist, USDA-Natural Resources Conservation Service
11:00	NRCS in the City & Soil Web Apps Rich Shaw - NY/NJ State Soil Scientist, USDA - NRCS and Rob Tunstead, NJ MLRA Office Leader USDA - NRCS
11:30	Q&A
11:35	Clean Soils Bank Dan Walsh- Director, Mayor's Office of Environmental Remediation
11:55	Q&A
12:00-12:10	Break (Maroon Room)

Morning Session A – Gold Room (6th Fl)

Urban Soils and Ecosystems (Moderators: Dr. Groffman & Dr. Cheng)

12:10	<i>Soils as a component of Urban Systems</i> Dr. Peter Groffman, CUNY ASRC, Brooklyn College
12:20	<i>Microbes in our Urban Soils</i> Dr. Theodore Muth, Brooklyn College
12:30	<i>Soil development and the inhibition of invasive vs native plant communities in the urban rhizosphere & microbiome</i> Dr. Paul Mankiewicz, The Gaia Institute, & Pheobe Mankiewicz, Rensselaer Polytechnic Institute
12:35	Q&A

12:45	<i>Soil Research and Monitoring Efforts at NYC Parks' Forestry, Horticulture, and Natural Resources Division</i> Dr. Novem Auyeung, NYC Parks, NRG, Urban Field Station
12:55	Q&A
1:05-2:00	<i>LUNCH (Gold Room) with presentation at 1:35-1:45 : USI Research Highlights</i> , Dr. Zhongqi (Joshua) Cheng, USI, Brooklyn College

Morning Session B – Gold Room (6th Fl)

Lead in Urban Soils (Moderators: Dr. Mark Maddaloni & Dr. Cheng)

2:00	<i>Biosolids are Fun(damental)</i> William E. Toffey, Mid-Atlantic Biosolids Association (MABA)
2:10	<i>Current EPA efforts to revise soil screening values for Pb</i> Dr. Mark Maddaloni, US EPA Region 2
2:20	Q&A
2:30	<i>Where Did Our Good Soil Go?: Lead Contamination in North Brooklyn</i> Allison Currier and Rita Beth Pasarell, Neighborhoods for Allied Growth
2:40	<i>"What's In Your Soil" Project: Characterizing and Mapping Spatial Patterns of Soil Quality in Chicago's Lincoln Park Neighborhood</i> James Montgomery, College of Science and Health DePaul University, Chicago
2:50	<i>Developing a field test kit for bioaccessible lead in soils</i> Franziska Christine Landes & Dr. Alexander van Geen
3:00	Q&A
3:15	<i>Break</i>

Afternoon Concurrent Sessions– Different Rooms Assigned

Advanced Science

Gold Room 6th Fl

Moderator: Dr. Maddaloni

3:25	<i>Discovering Subaqueous Soils</i> Rob Tunstead, USDA-NRCS
3:35	<i>Soil Structure</i> Dr. Maha Deeb, Brooklyn College, USI
3:45	Q&A
3:55	<i>Advances and researches of urban ecosystem (case study of Moscow Region)</i> Dr. Anna Buyvolova, Agrarian Technological Institute of RUDN University
4:05	<i>The NYC Clean Soil Bank Pilot Study: Manufacturing Topsoil from Terrestrial Sediments and Compost</i> Sara P Egendorf, Brooklyn College, CUNY Grad Center, USI
4:15	Q&A
4:20	<i>Lead Stabilization and Arsenic Mobilization by Phosphate and Alternative Amendments: Implications on Urban Soil Remediation, Urban Agriculture, and Public Health</i> Anna Paltseva, Brooklyn College, CUNY Grad Center, USI
4:30	Q&A
4:45	<i>Break</i>

Compost Roundtable Amesfort Room 2nd Fl **Moderator: Elsa Higby, Project Manager, NYC Compost Project Hosted by Queens Botanical Garden**

- 3:25 *Illinois Fish Project*
Donald Daedalu, Creation
- 3:32 *Clean Soil and Compost to Remediate Urban Community Gardens*
Katherine Glass, NYC Mayor's Office of Environmental Remediation, NYC DEP
- 3:39 *How to get involved with composting in the city*
Leah Retherford, The NYC Compost Project hosted by Big Reuse
- 3:50 *title*
Laura Rosenshine, Common Ground Compost
- 3:55 Audience Introductions
- 4:10 Discussion
- 4:45 *Break*

Greenroofers Soil Roundtable Bedford Room 2nd Fl
Chair: Dr. Paul Mankiewicz **Moderator: Eric Dalski**

- 3:25 *Green Roof Media: A Practical Perspective*
Eric Dalski, Highview Creations
- 3:35 *Exploring Sustainability Options through the NYC Parks Five Borough Green Roof Laboratory*
Max Lerner, NYC Parks
- 3:40 *Growing Media for Greenroofs*
Mark Morrison, Mark K Morrison LA
- 3:50 Dr. Paul Mankiewicz
- 3:55 Audience Introductions

4:10 Discussion

4:45 *Break*

Closing Ceremony – Gold Room (6th Fl)

4:55 *International Collaboration RUDN University, Moscow & SUITMA*
Dr. Elvira Dovletyarova, University of People's Friendship of Russia (RUDN)
and Dr. Ramilla Hajiaghayeva, Agrarian Technological Institute of RUDN
University

5:20 *Audience Announcements & Feedback*

5:30 USI Closing Remarks

5:35-6:35 *Wine & Beer (Maroon Room)*