

2019 USI Symposium, Urban Soils: building better BiodiverCITY	
8:30 AM	Registration
9:00 AM	Opening
	<b>Tatiana Morin &amp; USI team</b>
	<b>Elvira Dovletyarova, RUDN</b>
	<b>Margaret Boozer, USI Art Extension Service, Red Dirt Studio</b>
9:20 AM	<b>Session 1: Biodiversity to BiodiverCITY</b>
9:20-9:45	<b>Jamaica Bay and the History of Flight</b>
	<b>Linc Hallowell, Park Ranger for Cultural Resource Programming, &amp; David Taft, Park Ranger, National Park Service</b>
9:45 AM	Break
9:50 AM	<b>Session 1 cont'd Biodiversity to BiodiverCITY</b>
	<b>Shino Tanikawa (Moderator), NYC Soil &amp; Water Conservation District, USI</b>
	<b>Elvira Dovletyarova (Moderator), Director of the Landscape Design &amp; Sustainable Ecosystems Department, RUDN University</b>
9:50-10:05	<b>Topic: Climate change and biodiversity, reality of predicted models for cities</b>
	<b>Ricardo Valentini, Nobel Prize for Peace as member of IPCC board, Full Professor Tuscia University-Dept of Innovation of Biological Systems, Food &amp; Forestry, Viterbo, Italy</b>
10:05-10:30	<b>The pre-development soil distribution of New York City: methods and results from the Welikia Project</b>
	<b>Eric Sanderson, landscape ecologist for the Wildlife Conservation Society at the Bronx Zoo, director of the Mannhatta Project and the author of Mannhatta</b>
10:35-10:50	<b>Ecological engineering for optimal biodiversity, ecological productivity, and carbon capture and storage</b>
	<b>Paul Mankiewicz, Gaia Technologies, USI Co-founder</b>
10:55-11:10	<b>Soils of the underground</b>
	<b>Jean Louis-Morel, Professor, Environmental Biology University of Lorraine, Nancy, France, INRA, GISFI</b>
11:10-11:40	<b>Session 1 Discussion: Biodiversity to BiodiverCITY</b>
	<b>Gerd Wessolek (Moderator), Professor and Chair of the Soil Protection Group at Technische Universität in Berlin, Germany</b>
11:45 AM	Lunch
	<b>Anthropogenic and natural soil landscapes in European Russia: monitoring, modeling and managing urban soils and green infrastructure: Summer School experience</b>
	<b>Dr. Elvira Dovletyarova, Dr. Viacheslav Vasenev, Tatiana Morin, RUDN University, Russia/ Urban Soils Institute, USA</b>
12:20-1:00	<b>Field To Palette Talk: Dialogues on Soil and Art in the Anthropocene with Artists &amp; Scientists</b>
	<b>With: Alexandra R. Toland, Author Field to Palette, Professor for Arts &amp; Research, Bauhaus-Universität Weimar &amp; Collaborators: Gerd Wessolek, Margaret Boozer, Ellie Irons, Jean Louis-Morel, Maxine Levin, Tattfoo Tan</b>
1:00 PM	Break

2019 USI Symposium, Urban Soils: building better BiodiverCITY

1:05 PM	<b>Session 2: Urban soils changing the food system? Farming for BiodiverCITY?</b>
	<b>Ramilla Brykova (Moderator)</b> , PhD, RUDN, Moscow, Russia
	<b>Vasyl Brykov (Moderator)</b> , M.G. Kcholodny Institute of Botany, NASU & RUDN University
1:05-1:10	<b>The C.U.R.B.: thinking of (edible) "weeds" as resilience role models</b>
	<b>Candace Thompson</b> , Project: Soils Artist,
1:15-1:25	<b>Speaking of compost</b>
	<b>Charlie Bayrer</b> , Co-founder Earth Matter NY
1:30-1:40	Topic: <b>Regenerative approaches to site management</b>
	<b>John Quadrozzi</b> , GBX™~Gowanus Bay Terminal
1:45-1:55	<b>Soil resources and potential for urban agriculture development in Santiago de Compostela</b>
	<b>Remigio Paradelo Núñez</b> , Research Fellow, Dept of Soil Science & Agricultural Chemistry, University of Santiago de Compostela, Spain
2:00 PM	<b>Session 2 Discussion: Ecosystem services in ag? Optimizing native biodiversity?</b>
	<b>Kim Vallejo (Moderator)</b> , Director of Marketing & Outreach NYC, NY State Agriculture & Markets Division of Agricultural Development
	<b>Ellie Irons (moderator)</b> , Artist and educator based in Brooklyn NY and Troy NY
2:00-2:05	Topic: <b>Urban Ag, Management, Conservation, Pollinators</b>
	<b>Kim Vallejo</b> , Director of Marketing & Outreach NYC, NY State Agriculture & Markets Division of Agricultural Development
2:05-2:12	<b>¡Earthalujia!</b>
	<b>Gil Lopez</b> , Co-founder, President Smiling Hogshead Ranch
3:00 PM	Break
3:05 PM	<b>Session 3: Ecological engineering for sustainability</b>
	<b>Olga Vargas (Moderator)</b> , USDA-NRCS, Soil Scientist
	<b>Vladislav Plyushchikov (Moderator)</b> , assistant professor, Landscape Design & Sustainable Ecosystems Department, RUDN
3:05-3:15	<b>Urban Soils Matter</b>
	<b>Luis Hernandez</b> , Soil Survey Regional Director for Soil Survey Region 12 USDA-Natural Resources Conservation Service
3:20-3:30	<b>Growing wild for coastal resilience on a Manhattan brownfield</b>
	<b>Emily Curtis-Murphy</b> , Wild Farmer and Park Manager at Solar One
3:35-3:45	<b>The state factor model as a framework for urban ecosystem stewardship</b>
	<b>Jason Smith</b> , Director, Northern Manhattan Parks, New York Restoration Project
3:50-4:00	Topic: <b>Microplastics pathways and effects in soils</b>
	<b>Christian Schneider</b> , Environmental Scientist and Policy Consultant
4:05 PM	Break

2019 USI Symposium, Urban Soils: building better BiodiverCITY	
4:10 PM	<b>Session 3 Discussion: Ecological engineering for sustainability</b>
	<b>Gerd Wessolek (Moderator)</b> , Professor and Chair of the Soil Protection Group at Technische Universität in Berlin, Germany
	<b>Max Lerner (Moderator)</b> , Sustainability Project Development Coordinator for the New York City Department of Parks and Recreation
4:10-4:15	<b>Salinization effects on gas exchange, microbial functioning and vegetation state in urban lawns</b>
	<b>Ramilla Brykova, PhD, RUDN, Moscow, Russia,</b>
4:15-4:20	<b>Elevated tolerance of Chernobyl plants to heavy metals</b>
	<b>Dr. Vasyl Brykov, Dr. Galina Shevchenko, Dr. John Doonan, RUDN University, Russia/ M.G. Kholodny Institute of Botany, NAS of Ukraine/ Aberystwyth University, UK</b>
4:55 PM	Break
5:00 PM	<b>Session 4: Urban Soils: the life within, the legacy, and our common resource</b>
	<b>Jason Sinopoli (Moderator)</b> , A local resident and long-time advocate of mycoremediation, Newtown Creek Alliance
	<b>Elvira Dovletyarova (Moderator)</b> , Director of the Landscape Design & Sustainable Ecosystems Department, RUDN University
5:00-5:15	<b>Environmental History of NYC and the Case for Political Action to Reduce Lead (Pb) Exposure</b>
	<b>Dan Walsh</b> , Adjunct Senior Research Scientist, Earth Institute Columbia University Affiliate: Earth Engineering Center (EEC)
5:20-5:30	<b>The Urban Soil Microbiome – a new census of the city</b>
	<b>Theodore R. Muth, PhD</b> , associate professor in the Biology Department, Brooklyn College CUNY
5:35-5:45	<b>Hidden Gems in Mundane Places: Natural Products in Urban Soils</b>
	<b>Zach Charlop-Powers</b> , Senior Scientist
	<b>Bioremediation of soils contaminated with oil products in Russian Subarctic zone</b>
	<b>Maria Korneykova, PhD, RUDN, INEP KSC Russian Academy of Science</b>
5:50-6:30	<b>Session 4 Discussion: Urban Soils: the life within, the legacy, and our common resource</b>
	<b>Dan Walsh (Moderator)</b> , Adjunct Senior Research Scientist, Earth Institute Columbia University Affiliate: Earth Engineering Center (EEC)
	<b>Mike Rezny (Moderator)</b> , Assistant Director, Gardens & The Governor's Island Teaching Garden, GrowNYC
6:35 PM	Closing remarks
6:40-8:00PM	Reception