



Green Urban Development: Biodiversity, Natural Capital Accounting and Nature-Based Solutions for Cities

Working Group Meeting
Agenda as of 5 May 2019

8 – 10 May 2019

Global Platform for Sustainable Cities

The World Bank Headquarters, F Building

2121 Pennsylvania Ave, N.W., Washington, DC 20433



Meeting Agenda

The Working Group Meeting “Green Urban Development: Biodiversity, Natural Capital Accounting and Nature-Based Solutions for Cities” is presented by the Global Platform for Sustainable Cities (GPSC) in collaboration with the International Union for Conservation of Nature (IUCN) and the Nature Conservancy (TNC).

The meeting’s objective is to bring together experts and city representatives to:

- Facilitate an understanding of approaches to city biodiversity conservation and creation, and methods for accounting of city-level natural capital;
- Discuss how cities can be supported to integrate biodiversity strategies and the benefits of natural capital into their planning processes.

Day 1

8 May 2019 | Room 8P-100 | [Join Using WebEx](#) Meeting Number: 733 849 714 Password: FcMB5JWn

8:30 – 9:00	Registration and Continental Breakfast Outside Meeting Room
Session 1: Opening of the Working Group Meeting	
9:00 – 9:40	<p>Objectives of the Meeting (<i>Xueman Wang, GPSC Program Coordinator, World Bank</i>)</p> <p>Remarks by the GEF Secretariat</p> <p>Rapid Introduction of Participating Cities and Organizations <i>(Batch 1, 20 min) Representatives of cities and organizations are invited to share a short presentation on their main undertakings in the areas of city biodiversity, natural capital accounting and nature-based solutions in the context of green urban development. The introduction will be conducted in batches throughout three sessions during day 1 (for the order of the presentations, see the annex).</i></p> <p>Opening Remarks (<i>Sameh Wahba, Director, World Bank</i>)</p>
Session 2: Framing and Overview <i>Moderated by Rob McDonald, Lead Scientist, TNC</i>	
9:40 – 10:30	<p>Presentation of the Working Paper: Green Urban Development - A Framework for Integrating Biodiversity and Ecosystem Services, Natural Capital Accounting and Natural Infrastructure (<i>Xueman Wang, GPSC, World Bank, and Ashley Gorst, Vivid Economics, 20 min</i>)</p> <p>Discussion</p> <ul style="list-style-type: none"> ○ <i>How would city biodiversity, natural capital accounting, and natural infrastructure contribute to a city’s green vision?</i> ○ <i>What are the key challenges of incorporating these issues into urban planning process?</i>
10:30 – 10:45	Coffee Break

Session 3: City Biodiversity

Moderated by Professor Richard Weller, Chair of the Department of Landscape Architecture and Co-executive Director of the Ian L. McHarg Center for Urbanism and Ecology, University of Pennsylvania

10:45 – 12:30	<p>Rapid Introduction of Participating Cities and Organizations (Batch 2, 20 min)</p> <p>Overview: Approaches to Quantifying Biodiversity and Ecosystem Services in the Urban Context (Rob McDonald, Lead Scientist, TNC, 15 min)</p> <p>City Practice (30 min)</p> <ul style="list-style-type: none"> - Singapore Biodiversity Index: Lena Chan, Senior Director, International Biodiversity Conservation Division at the National Parks Board of Singapore - City of Edmonton, Canada: Grant Pearsell, Director of Urban Analysis - City of Sao Paulo, Brazil: Rodrigo Ravena, Chief of Staff of the Secretariat for Green and the Environment <p>Q&A</p>
12:30 – 13:30	Lunch
13:30 – 14:45	<p>Rapid Introduction of Participating Cities and Organizations (Batch 3, 20 min)</p> <p>City Biodiversity – Discussion (Cont'd)</p> <ul style="list-style-type: none"> o How would city biodiversity contribute to a city's green vision? What are the key steps to planning for biodiversity and ecosystem services in a city? What are the key challenges for implementation? o What are the key indicators used for monitoring city biodiversity? How is the data collected? o What information is needed to support decision-making? How can data be packaged and communicated to maximize influence on decision-making? o What lessons and experience can be drawn from cities?
14:45 – 15:00	Coffee Break
15:00 – 17:00	<p>Cities in Action (1.5 hr)</p> <p><i>We will break into three groups, each focusing on one or two cities. City representatives will lead discussions, identifying challenges and strategies in establishing and implementing city biodiversity and incorporating into city's planning process. Experts in each breakout group will facilitate the discussions and help cities with the strategy and next steps.</i></p> <p>Plenary Reports (30 min)</p> <p><i>Each breakout group will report back to the whole meeting on:</i></p> <ul style="list-style-type: none"> o Opportunities and key constraints for a city to pursue city biodiversity o Strategies for overcoming the challenges and constraints o Plan for the next steps

	Participating Cities <ul style="list-style-type: none"> - Asuncion, Paraguay - Sakumo Ramsar Site, Ghana - Ilhéus, Brazil
17:00	Wrap Up of Day 1
17:30	Reception

Day 2

9 May 2019 | Room L-103 | [Join Using WebEx](#) Meeting Number: 737 396 942 Password: P3jbpmfv

8:30 – 9:00	Continental Breakfast Outside Meeting Room
Session 4: City Natural Capital Accounting and Nature Based Solutions <i>Moderated by Russell Galt, Director, IUCN Urban Alliance</i>	
9:00 – 10:45	<p>Insights and Lessons Drawn from the Existing Work <i>(World Bank, 15 min) Natural capital accounting at the national level: Wealth Accounting and Valuation of Ecosystem Services (WAVES) Raffaello Cervigni, Lead Environmental Specialist, World Bank</i></p> <p>City Natural Capital Accounting (45 min)</p> <ul style="list-style-type: none"> - London: Peter Massini and Ashley Gorst, Vivid Economics - Stirling: Jim Rouquette, Director, Natural Capital Solutions - Singapore: Peter Edwards, Professor, Future Cities Laboratory <p>Q&A and Discussion</p> <ul style="list-style-type: none"> o <i>Whether and how could the methods for national-level capital accounting be used for city-level accounting? What are the tools for data collection?</i> o <i>How would natural capital accounting in cities be utilized for urban planning processes?</i>
10:45 – 11:00	Coffee Break
11:00 – 12:00	<p>Integrating Green and Gray Infrastructure to Support Urban Water Security, Climate Resilience, and Biodiversity <i>(Glenn-Marie Lange, World Bank, and Suzanne Ozment, WRI, 30 min)</i></p> <p>Q&A</p>
14:30 – 15:30	<p>Discussion</p> <ul style="list-style-type: none"> o <i>What are the interactions among city biodiversity, natural capital accounting and nature-based urban infrastructure?</i> o <i>How would cities incorporate these three topics into urban planning processes, including spatial planning?</i>

15:30 – 17:00	<p>Cities in Action <i>We will form a number of small groups – each will support one city to prepare an action plan on how to enhance a city's natural capital (including biodiversity) and incorporate these considerations into the city's strategic green vision and urban planning processes for implementation.</i></p> <p><i>Key considerations include:</i></p> <ul style="list-style-type: none"> ○ <i>Mapping key natural assets and ecosystem services essential for their city.</i> ○ <i>Threats to these key assets and ecosystem services?</i> ○ <i>The role that nature plays in the vision and strategy of a city?</i> ○ <i>Planning processes and decisions that could safeguard key assets and ecosystem services, or mitigation threats?</i> ○ <i>Data/tool needs to support these planning decisions?</i> ○ <i>Key steps (pressing requirements) that incorporate city biodiversity, natural capital accounting, and nature-based solutions into urban strategic plans and implementation?</i> ○ <i>(Cities that will participate in GEF Sustainable Cities programs may flesh out specific project activities to support their action plan.)</i> <p>Participating Cities</p> <ul style="list-style-type: none"> - <i>Mendoza, Argentina</i> - <i>Ningbo, China</i> - <i>Anápolis, Brazil</i> - <i>Kigali, Rwanda</i>
17:00	Wrap Up of Day 2

Day 3

10 May 2019 | Room L-103 | [Join Using WebEx](#) Meeting Number: 735 618 051 Password: XXj4XmVR

8:30 – 9:00	Continental Breakfast outside Meeting Room
Session 5: Presentation of City Action Plans and Feedback	
9:00 – 11:30	<p>Presentation of City Action Plans <i>Each presentation will be followed by expert feedback and discussion:</i></p> <ul style="list-style-type: none"> - <i>Mendoza, Argentina</i> - <i>Ningbo, China</i> - <i>Anápolis, Brazil</i> - <i>Kigali, Rwanda</i>
11:30 – 11:45	Coffee Break
11:45 – 12:00	Next Steps and Conclusion of the Meeting (GPSC)
12:00 – 1:00	Lunch

Brown Bag Lunch Event

9 May 2019 | MC Building 9-100

12:30 – 14:00	<p>Brown Bag Lunch (BBL) Presentation on Urban Biodiversity, Natural Capital Accounting, and Nature-based Infrastructure <i>A BBL is an informal learning event targeting World Bank staff. All participants are invited to attend. The BBL location and further information will be provided during the Working Group Meeting.</i></p>
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Annex

Order of Participant Introductions

During the meeting, each delegation will have an opportunity to introduce themselves and their city/ government/organization that they represent. Each presentation should be **no more than five minutes, max 2-slides**; those who will make a **formal presentation** at the meeting should limit the introduction to **one minute** (indicated by an ***asterisk** below). A PowerPoint template have been shared with participants who will do a 5-minute presentation. Presentations should be sent to GPSC's Yuna Chun at [ychun1@worldbank.org](mailto:yhun1@worldbank.org) as soon as possible so that they can be compiled in advance.

Batch 1

1. Argentina: Mendoza*
2. Brazil: Anápolis*, Cascavel, Ilhéus*, Jaguariuna, Rio de Janeiro, Sao Paulo*, Sustainable Cities Knowledge Platform and the Innovation Observatory (Sustainable Cities Program/ Management Center for Strategic Studies), and the Ministry of Regional Development
3. C40
4. Canada: Edmonton*
5. China: Ningbo*
6. Convention on Biological Diversity (CBD)
7. Ernst and Young

Batch 2

8. University of Pennsylvania*
9. Future Cities Laboratory*
10. Ghana: Environmental Protection Agency*
11. GEF Scientific Advisory Panel/ UN Environment*
12. ICLEI Local Governments for Sustainability
13. IUCN
14. Natural Capital Project
15. Natural Capital Solutions*
16. Paraguay: Asuncion*
17. Singapore: National Parks Board*

Batch 3

18. TNC*
19. UN Development Programme (UNDP) and Paraguay: Ministry of Environment and Sustainable Development
20. United Nations Industrial Development Organization (UNIDO)
21. U.K: London*
22. Urban Biodiversity Hub
23. Vivid Economics*
24. World Resources Institute (WRI)*
25. WWF
26. World Bank*