



WORLD BANK GROUP
Urban, Disaster Risk Management, Resilience & Land

GPURL Knowledge and Learning Report



**FY23 Activities per GSG/KSB
and Global Partnerships**

August 2023

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Overview

This report documents the knowledge sharing and learning activities of the Urban, Disaster Risk Management, Resilience and Land GP (GPURL) in FY23, from **July 1, 2022, through June 30, 2023**. The activities were organized and led by the six GSGs and their affiliated groups, consisting of 33 communities (Community of Practice (CoP)/Knowledge Silo Breaker (KSB)/global programs (Table 1 and Annex)) as well as the Tokyo Development Learning Center (TDLC), Global Partnership for Results-Based Approaches (GPRBA), Global Platform for Sustainable Cities (GPSC), and the GPURL Gender Group.

Table 1. GPURL GSG Knowledge Ecosystem

GSG	Affiliated CoP/KSB/Global Programs (links to respective KSB platforms)
<u>City Management, Governance & Finance GSG</u>	<ul style="list-style-type: none"> • <u>Innovative Urban Infrastructure Finance Instruments KSB</u> • <u>Own-Source Revenue KSB</u> • <u>Result-Based Finance (RBF) KSB</u> • <u>Urban Regeneration and Land Value Capture KSB</u>
<u>Land & Geospatial GSG</u>	<ul style="list-style-type: none"> • <u>Geospatial CoP</u> • <u>Land Thematic Group KSB</u>
<u>Resilience & Disaster Risk Management GSG</u>	<ul style="list-style-type: none"> • <u>Building Regulations for Resilience, Climate Change Adaption and Migration KSB</u> • <u>City Resilience Program KSB</u> • <u>Digital Earth Partnership & Geospatial Data</u> • <u>Disaster Resilience Analytics and Solutions (D-RAS) KSB</u> • <u>Disaster Risk Finance (DRF) CoP</u> • <u>Emergency Preparedness & Response KSB</u> • <u>Hydromet Services and Early Warning Systems CoP</u> • <u>Inclusive Disaster Risk Management (DRM) & Gender Equality</u> • <u>Nature-Based Solutions</u> • <u>Resilient Infrastructure</u> • <u>Safer Schools Program</u> • <u>Urban Floods CoP</u> • <u>Volcanic Resilience KSB</u>
<u>Sustainable City Infrastructure & Services GSG</u>	<ul style="list-style-type: none"> • <u>Climate Smart Cities CoP</u> • <u>Culture, Heritage and Sustainable Tourism KSB</u> • <u>Smart Cities KSB</u> • <u>Solid Waste Management CoP</u> • <u>Transit-Oriented Development CoP</u> • <u>Urbanscapes KSB</u>
<u>Territorial & Development GSG</u>	<ul style="list-style-type: none"> • <u>Competitive Cities KSB</u> • <u>Data, Tools and Platforms</u> • <u>Spatial Planning and Investment Prioritization KSB</u> • <u>Urban and Spatial Economics KSB</u>
<u>Urban Poverty, Inclusive Cities and Housing GSG</u>	<ul style="list-style-type: none"> • <u>Affordable Housing KSB</u> • <u>Cities, Migration and Forced Displacement KSB</u> • <u>Slum Upgrading KSB</u> • <u>Inclusive Cities</u>

During FY23, 291 knowledge activities and 127 learning activities were delivered in various formats.¹

Table 2 shows the activities delivered by GSGs and other groups.

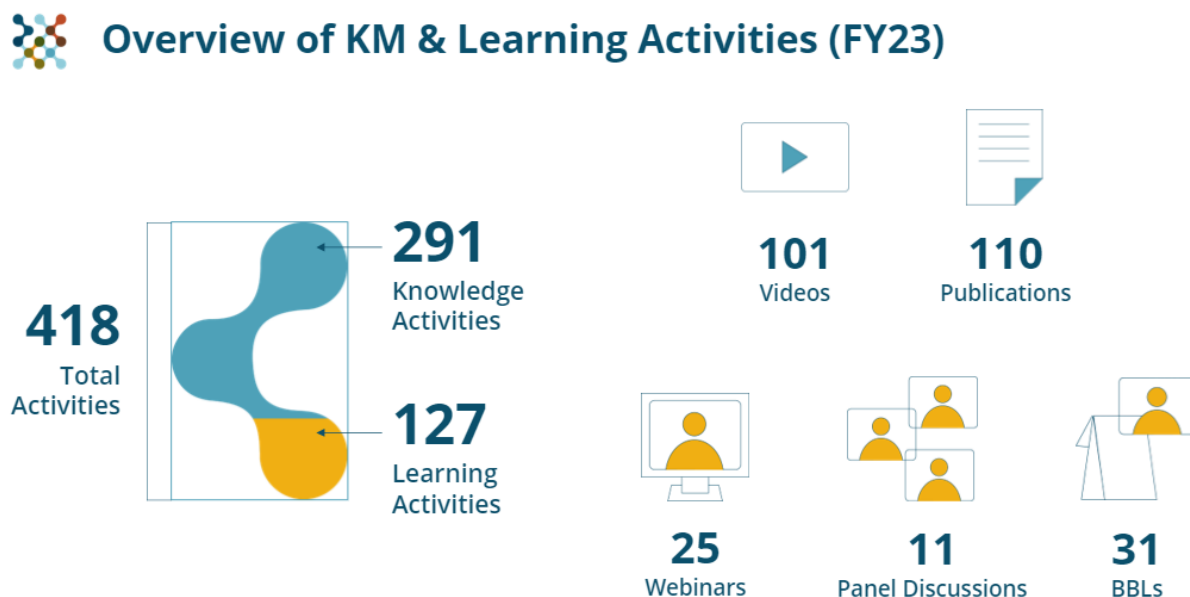


Table 2. Number of Activities by GSGs and Other Groups

GSG	KSB	Knowledge*	Learning**
City Management, Governance and Finance GSG	4	3	8
Land and Geospatial GSG	2	7	8
Resilience & Disaster Risk Management GSG	13	215	38
Sustainable City Infrastructure and Services GSG	6	18	22
Territorial Development GSG	4	14	15
Urban Poverty, Inclusive Cities and Housing GSG	4	4	13
GPSC		7	6
GPRBA		5	2
TDLC		3	10
GPURL Gender		10	1
GPURL		5	4
TOTAL***	33	291	120

*Knowledge activities include blogs, knowledge resources, launch events, and publications (e.g., reports, newsletters, and case studies).

**Learning activities include BBL/BBBs, e-learning courses, webinar, forums, panel discussions, podcasts, seminars, TDDs, trainings, and workshops.

***Some activities are organized collaboratively by more than one group. Those activities were counted only once.

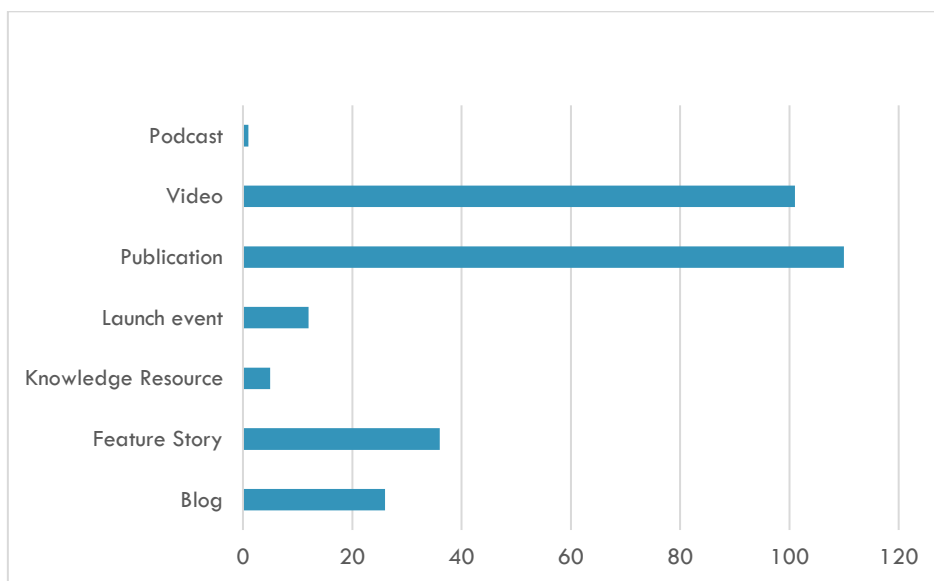
¹ Activities which were organized by more than one GSG/KSB/CoP were marked (*) and taken into account once to avoid double-counting.

Table 3 shows **291 knowledge activities** that were conducted in FY23. Publications (110) and videos (101) represented the most common form of knowledge output as shown in Figure 1.

Table 3. Knowledge Activities Conducted by Quarter

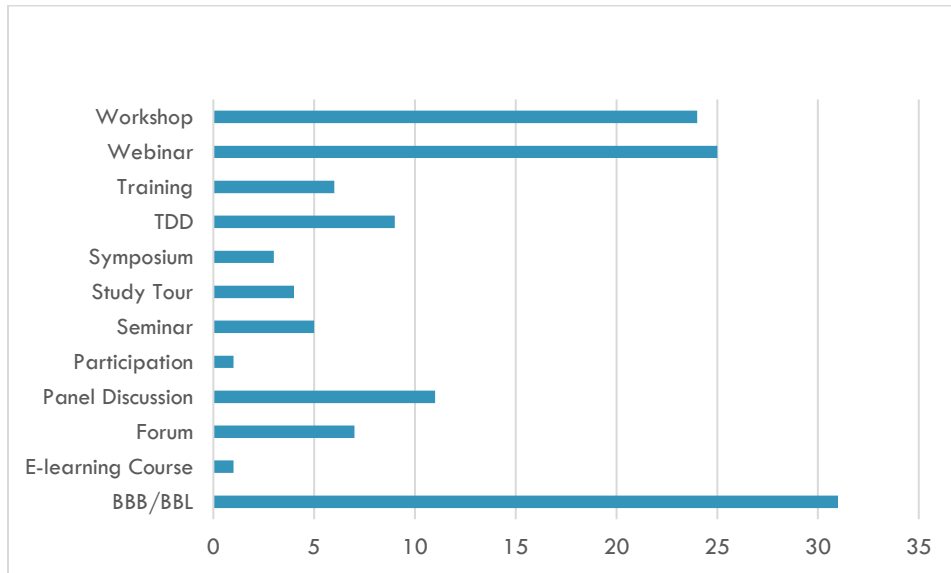
Knowledge activities	Q1	Q2	Q3	Q4	TOTAL
Blog	6	8	9	3	26
Feature Story	6	7	21	2	36
Knowledge Resource		2		3	5
Launch event		2	4	6	12
Publication	19	42	25	24	110
Video	19	29	34	19	101
Podcast	1				1
TOTAL	51	90	93	57	291

Figure 1. Knowledge Activities Conducted by Type



With the COVID-19 pandemic measurements were loosened, some of the activities in FY23 were carried out hybrid whereas most of them continued to be held virtually. **Learning activities** included online and hybrid BBB/BBLs, webinars, workshops, conferences, e-learning courses, Technical Deep Dives (TDDs) and the [GPURL Virtual Forum Lite](#), for more information visit: [gpurllearning/](#). In FY23 **127 learning activities** were delivered in total reaching 67 countries. As Figure 2 shows, BBB/BBL (31) and Webinars (26) were the most frequently organized learning activities. Table 4 is a snapshot of the learning activities conducted by quarter.

Figure 2. Learning Activities Conducted by Type



GPURL Forum Lite

In lieu of a face-to-face GP forum, GPURL delivered a virtual forum “lite” on April 24-27, 2023 consisting of a Townhall and a training program on Cities and Climate. The townhall included a video message from Juergen Voegelé on the readout of the recent Spring Meetings, the Evolution Roadmap and the Paris Alignment. The technical training component presented global and regional perspectives, innovative operations, future directions for GPURL and advances in corporate climate commitments. The overall objectives provide a high quality professional and technical learning; provide a platform for all GP staff to set up the tone and expectations for the upcoming SD Forum and GP Learning Days; and strengthen sense of community and a common vision for GPURL and to network and build cross-regional synergies. The event was comprised of 7 sessions amounting to 7 hours of learning, 275 unique visitors with a high attendance of 231 on day 1. (Figure 3) See [GPURL Lite Team Report here](#).

Figure 3. GPURL Forum Lite by the numbers

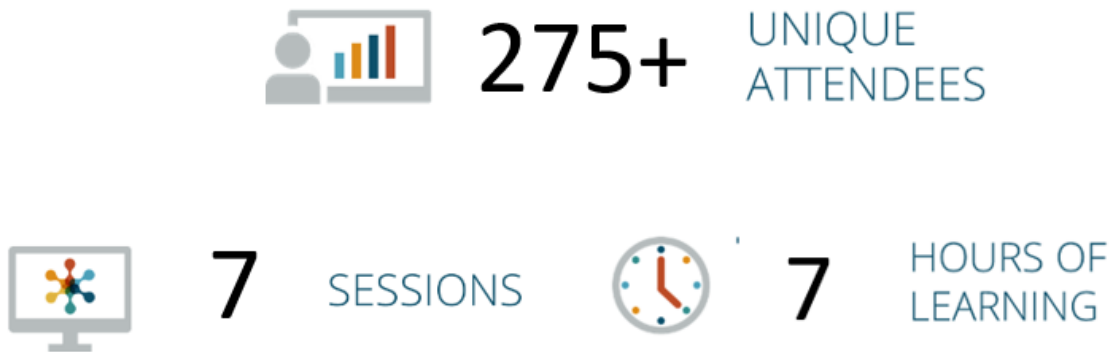


Table 4. FY23 Learning Activities Conducted by Quarter

Learning activities	Q1	Q2	Q3	Q4	TOTAL
BBB/BBL	3	16	8	4	31
E-learning Course		1			1
Forum	1	2	1	3	7
Panel Discussion	2	7	1	1	11
Participation		1			1
Seminar		1	2	2	5
Study Tour	2	2			4
Symposium			2	1	3
TDD		2	4	3	9
Training		3	1	2	6
Webinar	4	3	11	7	25
Workshop	4	8	4	8	24
TOTAL	16	46	34	31	127

Table 5. Attendance Rate to Learning Activities

Average Attendance	61
Top 3	
Understanding Risk	500
International Symposium “From Recovery to Growth: learning from Hiroshima’s experience”	500
C4B 2 nd Deep-dive Learning	290

Table 6 lists activities that were either organized by GPURL as a whole or were not captured by the GSGs. Like FY22, GPURL’s technical learning offerings continue to be listed in the SD Learning Catalog (<http://sdlearning/>).

Table 6. FY23 GPURL Knowledge and Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
GPURL	The World Bank & Korea Research Institute for Human Settlements (KRIHS) Annual Workshop	Workshop	11/14/2022
	<i>36/60 Talk Series: A Conversation about Urban Futures in India</i>	BBL/BBB	11/29/2022
	Staff Training: Paris Alignment for Urban, Resilience and Land Projects - morning session	Workshop	5/11/2023
	Staff Training: Paris Alignment for Urban, Resilience and Land Projects - evening session	Workshop	5/11/2023
	Video Series: “A Closer Look” with Bernice Von Bronkhorst – December 2022	Video	12/22/2022
	Video Series: “A Closer Look” with Bernice Von Bronkhorst – March 2023	Video	3/1/2023
	GPURL KM Digest, Issue 03	Publication	10/24/2022
	GPURL KM Digest, Issue 04	Publication	1/31/2023
	GPURL KM Digest, Issue 05	Publication	6/8/2023

City Management, Governance and Finance GSG

Overview of Main Activities

The City Management, Governance, and Finance (CMGF) GSG has four basic objectives: building thematic knowledge on these topics within the Bank; enhancing the technical quality of the World Bank analytics on these topics; facilitating advisory and lending activities at the country and regional levels; and developing core skills of Bank staff on these topics in addition to building internal and external networks.

Figure 4. Snapshot of CMGF GSG Intranet Page

The screenshot displays the intranet page for the City Management, Governance, and Finance (CMGF) Global Solutions Group (GSG). The page features a dark navigation bar at the top with the World Bank Group logo and various utility links. Below the navigation, a breadcrumb trail indicates the current location: Home / Practices / Sustainable Development / Urban, Disaster Risk Management, Resilience and Land. The main heading is "City Management, Governance and Financing", with sub-navigation for Overview, Leadership, Knowledge, News and Blogs, and Project Search.

The "Welcome to CMGF" section includes a graphic with the text "CITY MANAGEMENT, GOVERNANCE & FINANCE Global Solutions Group". Below this, a section titled "The City Management, Governance, and Finance (CMGF) Global Solutions Group (GSG) has four basic objectives:" lists the following:

- The building of CMGF knowledge within the Bank;
- Enhancement of the technical quality of Bank CMGF analytic;
- Advisory and lending activities;
- Development of CMGF skills of Bank staff, and the building of internal and external networks.

A link is provided to "Access the CMGF GSG key business lines and program activities here." The "CMGF Recent Activities" section features four event cards: "[Training] Property Tax Diagnostic Framework", "[Webinar] How Public Sector Development Can...", "[Operational Clinic] 2nd Regional Clinic on...", and "[Book] Regenerating Urban Land: A...".

The "Knowledge Silo-Breaker (KSB) Communities" section describes four KSBs: "Innovative Urban Infrastructure Instruments", "Own Source Revenue", "Urban Regeneration and Land Value Capture", and "Results-Based Financing".

The "Helping cities finance sustainable urban development" section includes a video player for "City Management, Governance and Finance" with 4 views, 0 likes, and 0 comments. The video shows two men in a discussion.

On the right side of the page, there is a sidebar with sections for "About CMGF", "Need Help?", "Quick Links" (listing various topics like COVID-19, Case Studies, etc.), "Related Links", and "Events" (listing upcoming events with dates and times).

Global knowledge products and programs

[Report on use of technologies to enhance own source revenue mobilization and property tax](#)

The GSG completed a report titled “The Use of Technologies to Enhance Own Source Revenue Mobilization: Applications to the Property Tax”, which will be published and disseminated in the early part of FY24. The report aims to provide World Bank task teams and Clients with basic tools and guidance regarding the use of technology applications to enhance own source revenue (OSR) mobilization. It documents existing and emerging technological applications and draws on relevant experiences of World Bank projects and technical assistance in this area through various case studies.

Report on assessment of constraints faced by urban local governments in accessing climate finance

The GSG has prepared a report on the various climate finance sources and instruments available to municipalities and urban local governments in developing countries, and an assessment of the constraints faced by municipalities in accessing these sources and recommendations to increase this access. This note is being prepared jointly with the United Nations Capital Development Fund (UNCDF). It is largely complete and will be finalized and published in FY24.

City Creditworthiness Initiative

The GSG has continued to oversee the City Creditworthiness Initiative global program, which has just concluded its phase 2 and is now starting phase 3 in FY24. A brief on this program is provided separately.

Supporting Bank Engagements on Urban Finance Issues

Review of global experience on Subnational development banks:

The GSG prepared a presentation reviewing the global experience on subnational development banks as vehicles for providing financing to municipalities and urban local governments for a high-level delegation of officials from the Indonesian Ministry of Finance and PT Sarana Multi Infrastruktur (PT SMI) visiting Washington DC in May 2023. The presentation and related dialogue informed the delegation’s thinking on how to transform PT SMI to a National Development Bank to finance the development priorities of the 500+ local government entities in Indonesia.

Note on WBG engagement at subnational level as part of Evolution Roadmap discussions:

As part of ongoing senior management- and Board-level discussions on the WBG Evolution Roadmap, the GSG has overseen the preparation of a briefing note to senior management and the Board on the WBG’s engagement at the subnational level. This note was prepared in collaboration with the IFC, MIGA and other Bank GPs and units (Governance GP and OPCS). It provided an overview of the WBG’s existing activities and financial and technical support to subnational entities and indicated ways in which these activities could be expanded.

Events, Webinars and Trainings

Public event on performance-based financing for Urban Local Governments

- The GSG organized a [public event in February 2023](#) to launch the GP’s report on “Performance-Based Financing for Urban Local Governments: Results and Lessons from Two Decades of World Bank Financing”. The event was chaired by the Regional Director for Sustainable Development, Eastern and Southern Africa Region, and featured a panel discussion with representatives from Government counterparts from 5 countries that are implementing these types of programs/projects with Bank financing, including Ethiopia, Ghana, Kenya, Tunisia and Uganda; as well as the Director of Local Finance from the UN Capital Development Fund. The event was attended by close to 120 participants from within and outside the Bank.

Results-based financing (RBF)

- **RBF webinar series – Impact bonds:** The KSB continued its RBF webinar series by organizing a webinar titled “Financing impact” on insights on the use of impact bonds to achieve social and environmental outcomes (March 23). This session brought together internal and external experts in the impact bond space to provide a high-level overview of impact bonds globally, as well as drill deeper into the World Bank’s early experience with this instrument. The webinar featured case examples presented by colleagues from FCI, Environment, and Education GPs.

- **Performance-based financing for Subnational competitiveness (joint with FCI):** The GSG and RBF KSB organized a webinar jointly with the FCI GP to discuss emerging innovations and operational lessons on subnational competitiveness, including a joint knowledge product “[Subnational Competitiveness Grants Guidebook: A Tool to Promote Jobs and Economic Transformation in Cities and Regions by Leveraging Performance-based Financing](#)”. The webinar also discussed recent operational examples from Egypt and Nigeria where the PforR instrument has been used to support subnational competitiveness and local economic development.

Own-source revenue generation

- **Learning week on land and property valuation in EAP:** In May 2023 the Land and Urban teams held a learning week on land and property valuation in Korea. It presented eight study cases from ASEAN countries and 5 country experiences from non-ASEAN countries, covering various aspects of land and property valuation such as: Valuation Data and Standards for Transparency, Valuation Infrastructure, Market Data and Analysis; Education and Professions Capacity Building; Technology and Innovation; Mass Valuation and Recurrent Property Taxation.
- **Property Tax training course for clients:** As part of this learning week a training session on the World Bank’s [Property Tax Diagnostic Manual](#) was also offered by professor Roy Kelly to an audience of 50+ participants for over 12 countries.
- **Presentation of new publication “Managing County Assets and Liabilities in Kenya”:** The OSR KSB organized a discussion around the recently released book on Managing County Assets and Liabilities in Kenya that provides a summary of asset management issues in the context of local governments. It describes the pragmatic details of asset management frameworks, systems, and procedures, and it explains how they represent a sharp departure from a simplified accounting-oriented approach to asset management.

Urban Regeneration and Land Value Capture

- At the request of various World Bank TTLs, the KSB organized urban regeneration-related site tours and presentations about global good practices in land-based financing and management of government real estate to the following delegations from Clients/counterparts: **Jamaica**’s Urban Development Corporation, Jamaica Social Investment Fund, Ministry of Finance (September 2022); **Saudi Arabia** (October 2022); **Türkiye** (November 2022). The KSB also presented land-based financing tools and urban regeneration global good practices to delegations, including from: **Costa Rica** Ministry of Housing of the Government (April 2023); **Indonesia**’s National development planning agency BAPPENAS (May 2023); **Georgia** National land agency (June 2023); and **Uganda** Ministry of Land, Housing and Urban Development (June 2023).
- The KSB organized a knowledge sharing event / webinar on “Mobilizing Finance through Anticipating the Economic Impact of Urban Infrastructure”

TDD on Property Tax and Land Value Capture

- Together with the TDLC, the GSG is currently organizing a technical deep dive (TDD) on land-based financing tools, property tax and land value capture. Preparations are well-advanced and the TDD will be held in Q1 FY24

Communications and Outreach

- The GSG published [a new results brief](#) on the World Bank external website on performance-based financing to urban local governments. The brief also referenced the new report on the subject and other relevant links and was accompanied by social media messages.

Table 7. FY23 CMGF GSG Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
City Management, Governance, and Finance	Capital Investment Planning: A Tool to Generate Climate Investment Pipeline?	Webinar	Dec 7, 2022
Own-Source Revenues	Managing County Assets and Liabilities in Kenya: Post devolution Challenges and Responses?	BBL	Sept 2, 2023
	Property Tax training course for clients	Training	May 1, 2023
	Learning week on land and property valuation in EAP	Forum	May 1, 2023
Results-Based Financing	Performance Based Financing for Local Governments	BBL	Feb 23, 2023
	Financing impact: Practical insights on the use of impact bonds to achieve social and environmental outcomes	Webinar	March 23, 2023
Urban Regeneration and Land Value Capture	Jamaica's Urban Development Corporation, Jamaica Social Investment Fund, Ministry of Finance	Study Tour	Sep 9, 2022
	Advancing Innovation in Economic Development Hubs: The Case of Prospera Honduras	BBL	Oct 5, 2022

Table 8. FY23 CMGF GSG Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
Results-Based Financing	City Creditworthiness Initiative: Local Government Borrowing Database CCI-LGBD	Publication	Dec 7, 2022
	Subnational Competitiveness Grants Guidebook	Publication	May 1, 2023
Urban Regeneration and Land Value Capture	Mobilizing Finance through Anticipating the Economic Impact of Urban Infrastructure Knowledge-Sharing Event	Launch Event	Mar 30, 2023

Land and Geospatial GSG

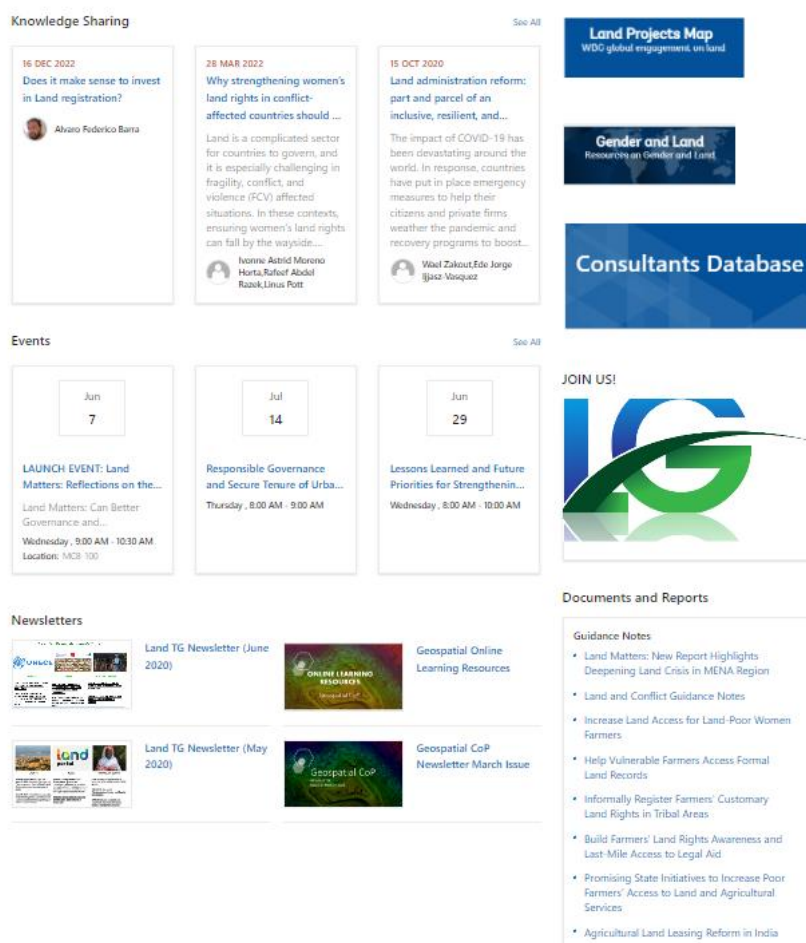
Overview of Main Activities

The Global Solutions Group (GSG) on Land and Geospatial brings together more than 300 technical specialists and team members, across the World Bank Group working on land administration and geospatial

issues. It offers a platform for knowledge production, curation and exchange and innovation within and outside the Bank. The GSG’s activities and services focus on the following areas: Analytics and Technical Assistance; Support to operations design and implementation; Knowledge curation and transfer to advance development solutions (including SSKE); Capacity building and technical training on the different sub-themes to equip staff and clients with cutting edge knowledge; and Outreach and partnerships with internal and external partners, to advance the land agenda.

The GSG has an affiliated Knowledge Silo-Breaker - The Land Thematic Group (LTG) co-led by Mercedes Stickler and Sheila Kamunyori. In addition, there are several informal communities with the GSG including around geospatial data infrastructure, land and conflict, and women’s land rights.

Figure 5. Snapshot of Land and Geospatial GSG Intranet Page



Below is a snapshot of the GSG activities in FY23.

1. Analytics and Technical Assistance

- Land and Climate Action.** The GSG is building the evidence base on the contribution of land administration to climate change action by developing a high-level Position Paper and a Guidance Note on Integrating Land Administration into Climate Change and Development Reports (Land and CCDD Guidance Note). While the Position Paper aims to concisely highlight the ways that land administration underpins climate action and targets senior decision-makers, the Land and

CCDR Guidance Note will provide more detailed justification and evidence to help CCDR task teams integrate land administration into the sector deep dive analyses and final CCDR synthesis report. These are forthcoming in FY24.

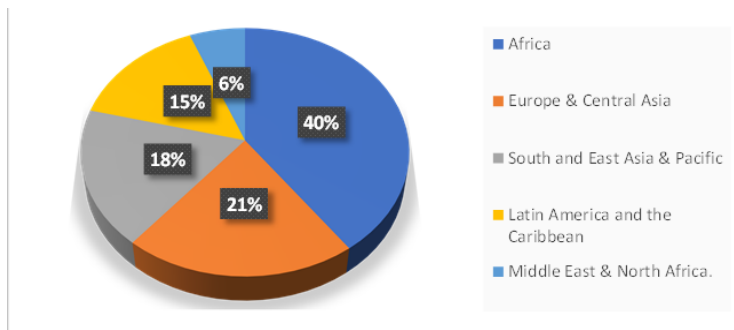
- **Global Program for Women Land Rights.** Working together with several partners, including Landesa, the Global Land Tools Network, Habitat for Humanity, the International Land Coalition, and others, the GSG helped launch the global advocacy campaign for Women’s land rights “Stand for Her Land” (S4HL) in 2019 and has been advancing the campaign since. In addition, the GSG is preparing two regional stakeholder engagement strategies on women land rights - one for MENA and one for Africa Regions. Other outputs of the Women’s Land Rights program include: the updating of the Gender in Land Administration Projects Toolkit (October 2022); and production of draft guidance notes on gender in property taxation and gender in property valuation (forthcoming in FY24).

2. Support operations design and implementation

The GSG and affiliated KSB members offered operational support and technical assistance to Bank project teams through technical support to project scope and conceptual designs, serving as panel members for QERs and peer reviews, support to MTRs, portfolio deep-dives and other types of implementation support.

The Land TG/KSB completed the [Global Map](#) of active and closed Land-related projects and ASAs. It includes information on 327 projects globally of which 40% are in Africa, 21% in Europe and Central Asia, 18% in South and East Asia and Pacific, 15% in Latin America and the Caribbean, and 6% in the Middle East and North Africa.

Figure 6. Land-related projects and ASAs (active and closed)



Source: Land TG, 2022 (crowdsourcing)

3. Convening, outreach and partnerships

- **World Bank Land Conference 2024:** The GSG plans to relaunch the World Bank Land and Poverty Conference in May 2024, which has been on hold since 2019. Consultations with development partners and internally found there is substantial multistakeholder interest in the Bank relaunching the Land Conference, which is the premier international gathering on the land sector, with a greater focus on incorporating evidence into operations and high-level policy dialogue with Clients. The GSG drafted an initial budget and framework for the conference and is preparing a PCN (September 2023) that will define the new conference vision, including an internal multi-sector working group and external steering committee. The 2024 theme is expected to focus on land administration as a foundation for climate change mitigation and adaptation.

- **Reengaging with FIG:** The International Federation of Surveyors (FIG) is a global organization of land sector professionals – surveyors, land administrators, valuers, and others - from the public and private sectors and academia. This is an important global partner for the GSG and in the past there was a Memorandum of Understanding (MOU) between FIG and the Bank (represented by the GSG). This year FIG joined the S4HL campaign and is very interested in the Land Conference relaunch. The GSG plans to continue the reengagement with FIG and work on a new MOU.

International Land Coalition (ILC). The Bank continues to support the ILC and sits on the Council and has since its founding. In collaboration with the ILC, the UK FCDO and others a *Framework for Action - Land Tenure Security for People, Planet and Prosperity* has been prepared. The GSG contributed to drafting the Framework for Action with a goal to scale up the global commitment to land tenure and land access. A small donor working group was established and the GSG participated in this working group. The framework for action calls for the organization of a global land summit, a new mechanism to monitor commitment to land tenure security and the establishment of a new platform for donor/government/civil society annual conference on land tenure security. This is also consistent with the GSGs relaunching of the World Bank Land Conference.

4. Learning Activities and Knowledge Products

The GSG and affiliated CoP/KSBs have organized 15 learning activities (Table 1) and delivered 11 knowledge products (KP) between FY22-FY23 (Table 2), including a new KP line, “Land Bites” – short summaries of the key achievements of World Bank land administration operations shared by email and PDF. The GSG also launched a website redesign effort in FY23 to make the website more useful to operational staff.

Table 9. FY23 Land and Geospatial GSG Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
Land and Geospatial GSG Land TG	Integrating Gender in Land Projects: A Toolkit	Publication	October 2022
	Does it make sense to invest in Land registration?	Blog	December 16, 2022
	Economic Analysis of Land Administration Projects: A Guidance Note for TTLs	Publication	December 16, 2022
	Land Matters: Can Better Governance and Management of Scarcity Prevent a Looming Crisis in the Middle East and North Africa?	Publication	January 18, 2023
	More city revenue through the modernization of property valuation	Blog	March 20, 2023
	Land Bites, Issue 1: Liberia	Project Brief	April 4, 2023
	Land Bites, Issue 2: Nicaragua	Project Brief	May 4, 2023

	Land Matters: Reflections on the MENA Land Flagship Report and Implications for World Bank Engagement	Launch Event	May 7, 2023
	Does it make sense to invest in Land registration?	Blog	December 16, 2022

Table 10. FY23 Land and Geospatial GSG Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
Land and Geospatial GSG and Land TG	Responsible Governance and Secure Tenure of Urban and Peri-urban Land: Framework for Dialogue and Action in Latin America and the Caribbean	BBB	July 14, 2022
	Frontiers: The Future of Land Evaluations - Evaluators technical workshop	Workshop	November 29, 2022
	Pre-Cadastral Approach for Large-scale Land Administration	BBL	September 22, 2022
	Land TG meeting with Mike Taylor of International Land Coalition - ILC	Webinar/ Meetings	September 28, 2022
	Land TG Meeting	BBB	October 6, 2022
	Bi-monthly Land TG Meeting + Land Team Regional Learning Session: AFR	Webinar	December 8, 2023
	Land Team Regional Learning Session: EAP SAR	Webinar	February 8, 2023
	Land Team Regional Learning Session: LAC	Webinar	May 4, 2023

Resilience and Disaster Risk Management GSG

Overview of Main Activities

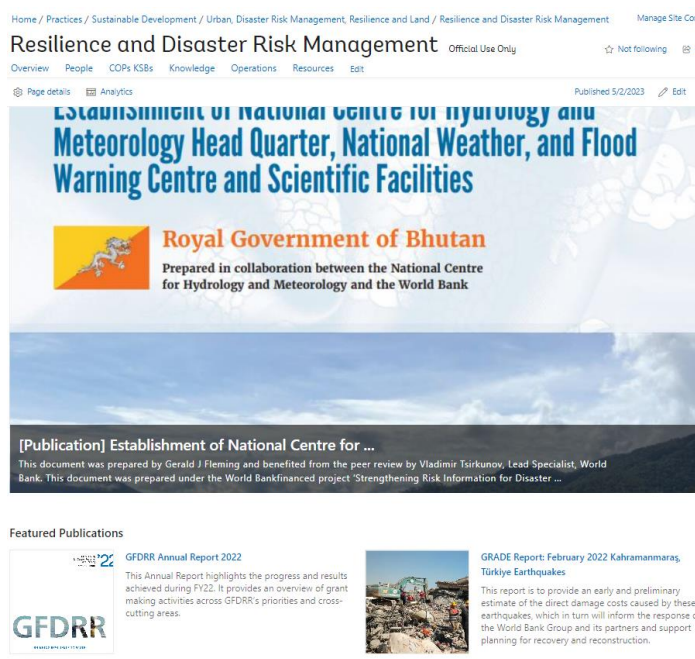
The Resilience and Disaster Risk Management (RDRM) GSG is organized around a knowledge management and communications platform in the Global Practices Portal for internal audiences. The [RDRM Portal](#) continues to grow its content, participation, and users.

The Portal offers curated content related to operations in topics such as [Cat DDO](#) and [CERC](#), and just-in-time resources for RDRM operations. The RDRM Portal is populated daily with feature stories, news, blogs, projects, publications, events, as well as videos related to Resilience and DRM. The RDRM Portal intranet interface is intuitive and provides user-friendly features. It is one of the most viewed and visited intranet spaces within the Sustainable Development VP with 13,849 views and 5,507 visits in FY23. In FY23, the Portal hosted over 254 knowledge and communications products, including blogs, news, publications, and events.

Table 11. RDRM GSM SharePoint Site Engagement

Page Resilience and Disaster Risk Management	July 1, 2022 – March 30, 2023	
	Page Views	Visits
	13,849	5,507

Figure 7. Snapshot of RDRM GSG Intranet Page



A **Weekly Newsletter**, *Weekly Digest*, synthesizing the most important information on salient developments from the previous week and upcoming events on Resilience and DRM. The newsletter keeps the GSG members up to date and helps direct traffic to the rest of the GSG portal and content. The newsletter reaches 1,869 subscribers including the extended GPURL community. In FY23, 60 issues were

published including ten special issues, namely for International Day for Persons with Disabilities, ACP-EU DRM Focus Days, Nature-Based Solutions, Hydromet and International Day for Disaster Risk Reduction, Inclusive DRM and Gender Equality, Canada-Caribbean Resilient Facility, GFDRR Annual Report, Learning Days and Sub-Saharan Africa. The engagement metrics for FY23 can be viewed in the table below.

Table 12. FY23 RDRM GSG Newsletter Engagement Metrics

# Newsletters	#Special Issues	#Subscribers	Open Rate	Click Through Rate
60	10	1,869	45.4%	1.6%

Knowledge Repository & Just-In-Time support:

The RDRM Portal hosts curated and frequently updated resource pages. The RDRM knowledge team is currently working to put together regional resource pages such as the [LAC DRM](#) in addition to regularly updated repository for RDRM emergency response instruments [Cat DDO](#) and [CERC](#). These pages include all project portfolio, guidance, and updates. For instance, we recently added publications on assessing the benefits and costs of nature-based solutions and building regulations in sub-Saharan Africa, as well as the Climate and Early Warning Systems (CREWS) Annual Report, among others.

Learning

The RDRM GSG provides learning resources such as a [series of self-paced e-learning courses](#) ranging from Safe and Resilient Cities to the Open Data Resilience Initiative, as well as webinars and workshops, including on data privacy and ethics and digital public goods for disaster and climate risk reduction.

Events

In FY 23 the communities organized 38 learning events. To further support the knowledge strategy several multimedia and social media tools have been used to further augment the experience and knowledge capture, dissemination and reuse for events and activities. The strategy includes use of a pre-event, and post event knowledge package involving feature stories, blogs, publications. During the event, conducting video interviews and to further reach internal and external audience [Twitter feed](#) has been leveraged for during event updates.

Knowledge

Publications and Reports

In addition to 60 Newsletters, there were 58 publications and knowledge resources initiated by the RDRM GSG and its affiliated groups in FY23 (Table below). The RDRM community, the Global and KSB Leads are involved in peer reviewing, guidance and providing valuable inputs for these knowledge products. Please find the number of reports published on several RDRM topics as seen in the table below.

Table 13. FY23 Resilience and Disaster Risk Management GSG Publications

Affiliation	Title of the Activity	Date
RDRM	Vietnam Country Climate and Development Report	7/1/2022
RDRM	Putting a Price on Safety	7/27/2022

RDRM	Assessment of Physical Damages in Ukraine as a Result of Russian Invasion	8/26/2022
RDRM	Improving disaster risk and loss information in Albania - Summary Report (English)	8/26/2022
Hydromet Services & Early Warning Systems	Assessment of Kazakhstan's Capacity to Monitor, Forecast, Project and Warn on Climate-related Hazards	8/26/2022
Emergency Preparedness & Response	Serbia - Ready 2 Respond: Emergency Preparedness and Response Assessment - Country Report (English)	8/31/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Toward More Gender-Inclusive Emergency Recovery Projects Responding to Natural Disasters: Sectoral Entry Points (English)	9/7/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Disability Inclusion in Disaster Risk Management Operations : An Exploration of Good Practices and Resources - Guidance Note (English)	9/7/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Entry Points for Social Inclusion and Gender in Disaster Risk Management and Climate Resilience Development Policy Operations: Guidance Note (English)	9/7/2022
RDRM	Ukraine Rapid Damage and Needs Assessment (English)	9/13/2022
RDRM	Ukraine Rapid Damage and Needs Assessment: Executive Summary (English)	9/13/2022
RDRM	Bangladesh: Enhancing Coastal Resilience in a Changing Climate (English)	9/13/2022
Resilient Infrastructure	The Power System in the Eye of the Storm: Climate Resilience for Energy Systems	9/13/2022
Resilient Infrastructure	Climate and Disaster Resilient Transport in Small Island Developing States: Resilient Transport Providing a Lifeline Against Disasters (English)	10/18/2022
Resilient Infrastructure	Strengthening Resilience in South Asia With Improved Infrastructure: Supporting Governments in Establishing Comprehensive Disaster Risk Management in Infrastructure Projects (English)	10/18/2022
Hydromet Services & Early Warning Systems	Charting a Course for Sustainable Hydromet Observation Networks	10/12/2022
Hydromet Services & Early Warning Systems	Investing in Digital Hydrometeorological Data for the Developing World (English)	10/12/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Strengthening Disaster Resilience and Social Inclusiveness of Public Financial Management Systems in the Caribbean	10/6/2022
Resilient Infrastructure	Enhancing power sector resilience: emerging practices to manage weather and geological risks (English)	10/5/2022
Resilient Infrastructure	Resilience and Critical Power System Infrastructure: Lessons Learned from Natural Disasters and Future Research Needs	10/5/2022
Resilient Infrastructure	Climate and Disaster Risk Screening: Making Energy Projects More Resilient	10/2/2022
Hydromet Services & Early Warning Systems	ICON-In-the-Cloud (ICONIC): Piloting Numerical Weather Prediction on Commercial Cloud Services for Central Asia (English)	10/3/2022

Hydromet Services & Early Warning Systems	Strengthening Hydromet and Multi-hazard Early Warning Services in Uzbekistan: A Road Map (English)	10/3/2022
Nature-Based Solutions	Nature-Based Solutions in Sub-Saharan Africa for Climate and Water Resilience	11/10/2022
Nature-Based Solutions	Nature-based Solutions for Climate Resilience and Adaptation	11/7/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Dominica: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Grenada: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Guyana: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
RDRM	Climate Investment Opportunities in India's Cooling Sector	12/20/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality KSB	Saint Vincent and the Grenadines: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Belize: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
Inclusive Disaster Risk Management (DRM) & Gender Equality	Guyana: Gender and Disaster Risk Management (DRM) (English)	12/20/2022
RDRM	Sectoral Recovery Capacity Assessment for Guyana's Agriculture Sector (English)	12/21/2022
RDRM	Sectoral Recovery Capacity Assessment for Grenada's Housing Sector (English)	12/21/2022
RDRM	Sectoral Recovery Capacity Assessment for Antigua and Barbuda's Agriculture Sector (English)	12/21/2022
RDRM	Sectoral Recovery Capacity Assessment for Dominica's Tourism Sector (English)	12/21/2022
RDRM	Sectoral Recovery Capacity Assessment for Saint Lucia's Tourism Sector (English)	12/21/2022
RDRM	Japan-World Bank Program for Mainstreaming Disaster Risk Management in Developing Countries Annual Report 21-22	1/25/2023
Resilient Infrastructure	Strengthening Resilience in South Asia With Improved Infrastructure: Supporting Governments in Establishing Comprehensive Disaster Risk Management in Infrastructure Projects	1/24/2023
RDRM	Climate and Disaster Resilient Transport in Small Island Developing States: Resilient Transport Providing a Lifeline Against Disasters	1/24/2023
Nature-Based Solutions	Toward a Resilient Urban Sierra Leone: Increasing Resilience Through Nature-Based Solutions	1/24/2023
Disaster Risk Analytics	Efficiency and Equity in Urban Flood Management Policies: A Systematic Urban Economics Exploration	2/1/2023
Inclusive DRM and Gender Equality	Jamaica: Gender and Disaster Risk Management	2/7/2023

Inclusive DRM and Gender Equality	Antigua and Barbuda: Gender and Disaster Risk Management	2/7/2023
Inclusive DRM and Gender Equality	Saint Lucia: Gender and Disaster Risk Management	2/7/2023
Disaster Risk Analytics	GRADE Report: February 2023 Kahramanmaraş, Türkiye Earthquakes	2/27/2023
RDRM	GFDRR Annual Report 2022	2/28/2023
Disaster Risk Analytics	GRADE Report: Impact of the 7.8 Türkiye-Syria Earthquakes on Syria	3/1/2023
Inclusive DRM and Gender Equality	Stocktaking of Adaptive Social Protection and Disaster Risk Management	3/13/2023
Disaster Risk Analytics	Digital Public Goods for Disaster Risk Reduction in a Changing Climate	3/21/2023
Resilient Infrastructure	Resilient Cultural Heritage and Tourism: Applying Japanese Lessons of Integrating Disaster Risk Management with Cultural Heritage Preservation	3/24/2023
Nature-Based Solutions	Living on the Water's Edge: Flood Risk and Resilience of Coastal Cities in Sub-Saharan Africa	4/26/2023
Hydromet Services and Early Warning Systems	Designing Inclusive, Accessible Early Warning Systems: Good Practices and Entry Points (English)	5/1/2023
Nature-Based Solutions	Assessing the Benefits and Costs of Nature-Based Solutions	5/12/2023
Resilient Infrastructure	Supporting Resilient Territorial and Urban Development and Social Protection Systems in the Dominican Republic	5/25/2023
Nature-Based Solutions and Inclusive DRM	Integrating Gender and Social Inclusion in Nature-Based Solutions	5/26/2023
Resilient Infrastructure	Building Urban Transport Resilience: A case study on Addis Ababa flood risks and mitigation	5/26/2023
Nature-Based Solutions	Report Launch - Assessing the Benefits and Costs of Nature-Based Solutions for Climate Resilience: A Guideline for Project Developers	5/19/2023

Blogs & Feature Stories

About 52 blogs were published and 7 feature stories summarizing interesting stories of impact of the RDRM agenda.

Blogs

1. [Integrating gender and social inclusion in nature-based solutions: a way forward](#)
2. [Women's economic empowerment through public procurement—A solution](#)
3. [Beyond avoided losses: capitalizing on the secondary benefits of investments](#)
4. [Sizzling Cities: Planning for urban heat resilience in South Asia](#)
5. [Deploying digital public goods to reduce disaster risk](#)
6. [Health systems resilient to climate change, an opportunity for sustainable](#)
7. [Banking sector risks in the aftermath of climate change and environmental](#)
8. [It takes a village! Accounting for women in building and strengthening](#)
9. [Preparing for hurricane season: Lessons learned from risk communication](#)

10. [Nature-based solutions for climate resilience are catching on in World Bank](#)
11. [Seismic resilience in Metro Manila](#)
12. [Uncovering the untold impact of the 2022 Tonga volcano and tsunami](#)
13. [Efficiency and equity in urban flood management policies](#)
14. [Cash-transfer programs can offer effective protection against aggregate shocks](#)
15. [Strategies for paying less on the disaster bill](#)
16. [Adapting social protection systems to build disaster and climate resilience for all](#)
17. [We need disaster data to save lives and guide recovery](#)
18. [Can machine learning improve risk mapping to save lives from landslides?](#)
19. [Building Blocks for Enabling Resilient Urban Transformation in Türkiye](#)
20. [5 myths about Disaster Risk Financing for adaptive social protection in the Sahel](#)
21. [The next generation of water professionals working towards a new era](#)
22. [Life after COP27: How yesterday’s research can build a better tomorrow](#)
23. [Tackling food insecurity with satellites and cash: Five lessons from Niger](#)
24. [“Nothing about us, without us”](#)
25. [The critical role of emergency operations centers in saving lives](#)
26. [Beating the heat in South African cities](#)
27. [Preparing for the unexpected](#)
28. [COP27: The climate change crisis can be an opportunity](#)
29. [Climate And Water Risk in Africa](#)
30. [Rolling the dice: Learning through games to make better decisions for resilience](#)
31. [In South Asia, disaster risk management is key to durable development](#)
32. [Inclusive and resilient cities for a better future in Latin America](#)
33. [Towards more inclusive disaster risk-management policies](#)
34. [Modular bridges: A climate-resilient solution for small bridges in the Pacific](#)
35. [How can Albania help local governments better manage disaster risk?](#)
36. [How layering and pooling the disaster risk across Central Asia can better...](#)
37. [When hurricanes strike with calamity & inequality, it is time to apply the great...](#)
38. [Japan and the World Bank: Working together to build resilient infrastructure](#)
39. [How Bangladesh can protect its development gains through coastal resilience and a changing climate](#)
40. [Yemen: Using geospatial data and modeling to show the economic impact of...](#)
41. [Three things we learned about poverty and flood risk from urban household data](#)
42. [Survey sheds light on how Caribbean, African firms are coping with natural hazards](#)
43. [What IPCC climate projections mean for World Bank energy projects in Africa](#)
44. [Public-private collaboration facilitates the import of vaccines in Tonga](#)
45. [Transforming Nepal’s hydro and agrometeorological services to build resilience](#)
46. [Making Yemen’s urban centers climate resilient](#)
47. [Building a road to prosperity: How communities in India are helping embed...](#)
48. [Making every drop count: From water to climate](#)
49. [Where are all the jobs? A machine learning approach for high resolution urban...](#)
50. [No time to lose: The race against climate change and disasters through...](#)
51. [Indonesia’s green belt – Protecting and restoring the country’s mangroves](#)
52. [Flood risk already affects 1.81 billion people. Climate change and unplanned](#)

Features Stories

1. [Building foundations for a safe, green and inclusive built environment](#)
2. [How Safer and More Resilient Schools Withstood the Earthquakes](#)
3. [Assessing the Benefits and Costs of Nature-Based Solutions](#)
4. [Unlocking Cities’ Potential to Promote Sustainable Growth](#)
5. [Resilient social protection systems to face climate change in Colombia](#)
6. [Kerry Ann’s Vigilance Helps Communities in Central Jamaica Avert](#)
7. [Advancing disaster risk financing in Caribbean overseas countries](#)

Affiliated CoP/KSBs

In terms of Networks and Collaboration, the GSG has focused its knowledge services to support communities of practice (CoP) and/or knowledge silo breakers (KSBs) with the principal objective to convert tacit knowledge into explicit knowledge and assess needs through practical applications and peer to peer voluntary quality assurance processes. The list of KSBs can be found in table 13.

Table 14. FY23 RDRM GSG Affiliated CoP/KSBs

Abv	Community / Topics - KSBs/Programs
CRP	City Resilience Program
Inclusive DRM & Gender Equality	Inclusive DRM & Gender Equality
BRR	Building Regulation for Resilience, Climate Change Adaptation and Mitigation
D-RAS	Disaster Resilience Analytics and Solutions
DRF	Disaster Risk Finance
SSP	Safer Schools Program
DEGD	Digital Earth & Geospatial Data
Hydromet	Hydromet, Climate Services and Resilience
NBS	Nature Based Solutions for Disaster Risk Management
EP&R	Emergency Preparedness & Response
Resilient Infrastructure	Resilient Infrastructure
UFCoP	Urban Floods Community of Practice
Volcanic Resilience	Volcanic Resilience

Lessons Learned

One of the main lessons learned was to establish as the key priority, for the RDRM GSG knowledge management agenda, its alignment with the evolving strategic priorities of both the World Bank, GPURL and GFDRR. With respect to the Bank, the RDRM knowledge management agenda tailored its offerings to a regional structure. The RDRM portal enables users to search nearly 3,000 resilience and DRM knowledge products by region, topic and/or asset.

The second lesson learned, in line with the World Bank’s [March 2021 strategic framework for knowledge](#), is that the RDRM knowledge management agenda was committed to a “whole of Bank” approach which promotes knowledge sharing throughout the Bank. Beyond RDRM’s home in the Urban, Resilience, and Land Global Practice, a large portion of our offerings already draw on knowledge and/or engage with a range of global practices, including Education, Environmental and Natural Resources, Health, Nutrition and Population, Transport, and Water, as well as global cross-cutting themes like Climate Change, Social

Inclusion, Gender and Fragility, Conflict and Violence. We learned that our Communities of Practices (CoP) or Knowledge Silo Breakers (KSBs) are the glue of these intersections and that they need to adapt, evolve and change reflecting the new development realities (N.B. Click for the link to our [13 KSBs](#)).

Lastly, and in line with objective 1 of the [GFDRR's 2021-25 strategy](#), the RDRM GSG knowledge management agenda in partnership with GFDRR was placing increasing emphasis on ensuring that knowledge generated and shared drives improvement in policy and practice. In order to achieve that, a top focus for the team was to bolster our efforts to listen, learn from and engage with policymakers and practitioners to better understand their knowledge needs and challenges so that we can tailor our offerings accordingly.

Sustainable City Infrastructure & Services GSG

Overview of Main Activities

The Sustainable City Infrastructure and Services (SCIS) GSG aims to bring strategic focus, innovation, technical leadership, and quality to the Bank’s analytics and financing of sustainable city infrastructure and services, as well as to better equip team members with tools and knowledge for their operational work.

The strategic focus areas of the GSG include: (i) supporting leadership and innovation on cities and the climate change mitigation agenda; (ii) strengthening the quality of our infrastructure portfolio; and (iii) building a community of sustainable infrastructure and services practitioners to promote innovation in the urban development agenda.

Figure 8. Snapshot of SCIS GSG Intranet Page

The Sustainable City Infrastructure and Services GSG aims to bring strategic focus, innovation, technical leadership and quality to the Bank’s analytics and financing of sustainable city infrastructure and services, and to make its team members better equipped to deal with their operational work.

The strategic focus areas of the GSG include (i) Supporting leadership and innovation on cities and the climate change mitigation agenda; (ii) Strengthening the quality of our infrastructure portfolio; and (iii) Building a community of sustainable infrastructure and services practitioners to promote innovation in the urban development agenda.

Affiliated Communities

Climate Smart Cities CoP aims to support cities and local governments transition to low-carbon and climate-smart urbanization by: (i) leveraging technical, policy and financing expertise, (ii) strengthening cities’ capacity to develop climate strategies, action plans and detailed analysis, and (iii) exploring diverse financing options for climate-smart investments.

[Join the CoP](#) | [Email Us](#) | [Visit the intranet site](#)

Culture, Heritage, Sustainable Tourism KSB fosters knowledge sharing with a clear operational focus, connecting interested staff across Global Practices and externals, leveraging new IT tools and social media, with the objective of helping to identify cutting-edge solutions for the benefit of our clients. The KSB will integrate these practices into the World Bank agenda by elevating CHST to greater importance, sustainability and resilience. The Community aims to use the virtual space for knowledge exchange and discussion, and also as a forum to share information and maintain contact between its members.

[Join the KSB](#) | [Email Us](#) | [Visit the external thematic page](#)

Smart Cities KSB aims to be the main conduit for cross-GP and CCSA collaboration within the Bank on smart cities. The KSB will facilitate dialogue to define smart cities and respond to the demand of clients and Bank project teams. The KSB will take stock of the Bank’s client engagements to date to promote smart cities and define a few strategic areas of focus, based on client demand, to advance the Bank’s support for smart cities. It develops a platform for curating smart city best practices and practical solutions and for making it accessible internally to the Bank operational teams, including a C4D page, list serve, and periodic membership meetings. Finally, it will facilitate knowledge sharing and dissemination on smart cities through blog posts, BBLs, knowledge notes, and smart city

Joanna Mclean Masic
Global Lead

10 MAR 2022
Sustainable City Infrastructure and Services GSG
Sustainable City Infrastructure and Services GSG promotional video

Events

Jun 6
Webinar Series Reflecting on Innovations in Urban Informal...
For over two and a half decades, the global network Women in Informal...
Tuesday, 8:00 AM - 9:00 AM

May
Understanding the Various

Affiliated CoP/KSBs

The GSG has a total membership of **300+ staff** to date. The GSG’s initiatives are achieved jointly through the affiliated CoP/KSBs, namely:

- **Climate Smart Cities CoP** (120+ members): This CoP aims to help cities and local governments transition to low-carbon and climate-smart urbanization pathways by (i) leveraging technical, policy, and financing expertise, (ii) strengthening cities’ capacity to develop climate strategies, action plans,

and detailed analysis, and (iii) exploring diverse financing options for climate-smart investments. It also serves as a platform for the roll-out and implementation of the City Climate Finance Gap Fund MDTF (Gap Fund), City Planning Labs, the City Resilience Program, and other related initiatives.

- **Culture, Heritage and Sustainable Tourism KSB** (150+ internal, 230+ external members): This KSB builds on the inclusion of culture and heritage in the Sustainable Development Goals. It fosters knowledge sharing with a clear policy-setting and operational focus, connecting interested staff across Global Practices and external peer organizations, including UNESCO, UNWTO, and ICCROM.
- **Smart Cities KSB** (250+ members): This KSB aims to be the main conduit for knowledge sharing activities initiated by the Global Smart City Partnership Program (GSCP). In line with the GSCP work program, the KSB organizes activities supporting World Bank business lines to mainstream and accelerate the adoption of smart city approaches and solutions by using data and digital technologies effectively, as well as to become more efficient, innovative, inclusive, and resilient.
- **Solid Waste Management CoP** (160+ members): This CoP aims to be at the forefront of solid waste management solutions for clients by sharing experiences, technical knowledge, and the latest innovations across the World Bank Group and the globe, as well as mainstreaming the environmental, social, urban, gender, sustainable financing, and climate perspectives into the projects.
- **Transit-Oriented Development CoP** (210+ members): This CoP focuses on mainstreaming land use and transit planning and promoting sustainable urban development forms through operational support, knowledge exchanges, and partnership development.
- **Urbanscapes KSB** (260+ members): This KSB focuses on city planning, urban design, and leveraging public spaces/public municipal assets in urban areas for livable outcomes. The strategic focus areas include public urban spaces, urban fabric and placemaking, cityscapes, and streetscapes to help create productive, livable, inclusive, and vibrant cities.

Many cities around the world are facing a wide array of crises, from environmental crisis/climate change, public health issues, conflicts, and displacements to social inequality. The impacts of polycrisis have stalled decades of development progress, growth, and poverty reduction, and they continue to pose grave challenges to the provision of urban infrastructure and service delivery systems. To address the multi-faceted challenges and support cities to move towards a green, resilient, and inclusive development trajectory, the GSGs and its affiliated CoPs/KSBs have provided a platform for coordinated action on key challenges by mainstreaming and scaling up urban sustainability considerations into Bank operations and strategic engagement with client countries and other development partners. The GSG and CoPs/KSBs have promoted knowledge exchange on a wide range of sustainable infrastructure and services topics through training of staff, portfolio reviews, knowledge dissemination, and learning events, development of guidance and technical notes, just-in-time technical assistance and operational support and collaboration with partners.

In FY23, the GSG and CoP/KSBs delivered 18 knowledge and 29 learning activities (Table 1 & Table 2). During the GPURL Forum Lite, the Sustainable City Infrastructure and Services GSG organized a three-day “Cities and Climate” training. The training focused on corporate commitments relating to climate, particularly the Paris Alignment process, and also delved into the challenges and opportunities of scaling up climate action alongside the core development priorities and explored ways to make the GPURL operations more strategic and adaptive to the ever-changing environment and climate. It also provided a forum to discuss the need to build multi-sectoral teams to create integrated and inclusive solutions,

collaborating with DRM, Planning, Environment, Land, Housing, Financing, Gender and Social teams to create greater impact and also the importance of carrying out strategic analytical work and global knowledge to prepare a new generation of projects that operationalizes the knowledge and findings from them (e.g., CCDRs, Thriving report, etc.).

The GSG and CoPs/KSBs also actively organized knowledge and learning sessions for external and internal audiences, while providing continued support through technical notes development, just-in-time technical assistance, and strengthening collaboration with partners. Highlights include technical deep-dives on Advancing Quality Urban Infrastructure and Cities and Climate Change, which were organized by the GSG and the Climate Smart Cities CoP in collaboration with the TDLC. Furthermore, a report “Cities, Culture, Creativity: Learning from the Republic of Korea's Experience” was jointly developed by the Korea Research Institute for Human Settlements (KRIHS) and the World Bank, highlighting the importance of cultural and creative industries (CCIs) for economic development. Furthermore, Smart Cities KSB – under the Global Smart City Partnership Program (GSCP) work program organized two in-person knowledge exchange programs in Korea and Barcelona, which provided a platform for client country delegations to meet with international experts on the ground. The team published three engagement briefs [available at GSCP website](#) and developed seven new case studies, which will be publicly available in FY24.

In addition, the Solid Waste Management Community of Practice (SWM CoP) actively engaged in various activities, including the OLC-KPOK Knowledge Exchange on SWM that took place in Seoul from May 1 to May 5, 2023. The event brought together delegations from several countries with ongoing World Bank engagements covering SWM, including Colombia, Indonesia, Jordan, Mozambique, Pakistan, and Tajikistan. The knowledge exchange workshop was part of the OLC's blended learning program on SWM, supported by the Korea Program for Operational Knowledge (KPOK) and funded by the Ministry of Economy and Finance (MOEF) of the Republic of Korea. The SWM CoP also conducted a webinar on creating sustainable livelihoods for waste pickers, which focused on inclusive recycling and social inclusion strategies that positively impact the lives of waste pickers. The session featured a presentation by Roots for Sustainability (R4S), which shared their experiences working with waste pickers in various countries, demonstrating how collaboration and increased social and economic recognition have benefited these communities. SWM CoP also organized a field visit to the solid waste facilities in Prince George’s County, Maryland. Participants had the opportunity to observe the processing of yard waste and food scraps at the Organics Composting Facility, the single-stream recycling operations at the Materials Recycling Facility, and the Brown Station Road Sanitary Landfill that included a gas collection and electricity generation plant. Also, Urbanscapes KSB organized a webinar with Women in Informal Employment: Globalizing and Organizing (WIEGO), reflecting on innovations in urban informal economy management and support and drawing on detailed in-city work in Lima, Dakar and Delhi. Panelists discussed past and current innovations in urban design, participatory planning, and law and infrastructure provision. It also delved into unprecedented challenges workers are facing and responses needed to secure livelihoods going forward.

Moreover, in line with the corporate strategy and the GP’s strategic priority on the climate agenda, a new Cities and Climate Change platform ([internal](#) ; [external](#)) was launched in December 2022. The platform houses the World Bank’s latest news, corporate requirements, research, and global programs related to cities, as well as different tools offered to help cities plan for and prioritize their climate action.

Figure 9. Cities and Climate Change Website

Cities and Climate Change

☆ Not following ⓘ Share

Home Overview Corporate requirements Programs Resources Edit

📄 Page details 📊 Analytics

Published 5/30/2023 ✎ Edit ↻



Overview | Corporate requirements | Programs | Resources



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Links

Urban, Disaster Risk Management, Resilience and Land

Cities and Climate Change External Site

GFDRR

Featured Publications



World Bank Tools

Urban GHG Modeling Tools Technical Note

APEX

Climate and Disaster Risk Screening Tool

CURB

Urban Performance

GFDRR Online Tools

Table 15. FY23 Sustainable City Infrastructure and Services GSG Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
SCIS GSG	Cities and Climate Change Portal	Knowledge resource	Dec 21, 2022
Culture, Heritage and Sustainable Tourism KSB	Cities, Culture and Creativity. Learning from the Republic of Korea's experience	Publication	Feb 15, 2023
Smart Cities KSB	Quarterly newsletters: September 2022, December 2022, March 2023, June 2023	Publication	September 1, 2022 / December 1, 2022 / March 1, 2023 / June 1, 2023
	Smart Cities Engagement Briefs - Indonesia, DRC, Bangladesh	Publication	March 1, 2023
	Foundations for Smart Cities: Digital Government Development Experiences of NIA	Launch Event	January 19, 2023
	Smart Cities in the Republic of Korea: A Journey Toward Institutionalization and Innovation	Launch Event	May 23, 2023
	Global Smart City Partnership Program Case Studies (Türkiye, Jordan, Morocco, Indonesia, Uganda, Mongolia, El Salvador)	Publication	June 20, 2023

Affiliation	Title of Activity	Type of Activity	Date
Solid Waste Management CoP	SWM CoP Newsletters	Publication	December 20, 2022 / June 22, 2023
Transit Oriented Development (TOD) CoP	Quarterly newsletters: GEF China sustainable cities integrated approach pilot	Publication	August 24, 2022 / November 7, 2022 / January 9, 2023
	TOD Newsletters	Publication	October 24, 2022 / December 19, 2022
Urbanscapes KSB	Urbanscapes Newsletter December 2022	Publication	April 19, 2023

Table 16. FY23 Sustainable City Infrastructure and Services GSG Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
SCIS GSG	GPURL and GFDRR Analytical Support for CCDRs (with GFDRR)	BBB/BBL	Oct 26, 2022
	Building Capacity for Urban Resilience: Applying Approaches and Tools from Türkiye and Morocco (with GFDDR)	BBB/BBL	Nov 1, 2022
	COP27	Participation	Nov 15-17, 2022
	City Planning Labs: Transforming Cities Through Data (with Territorial and Spatial Development GSG)	BBB/BBL	Dec 6, 2022
	Capital Investment Planning: A Tool to Generate an Urban Climate Investment Pipeline? (with City Management, Governance and Financing GSG, Climate Smart Cities CoP and Gap Fund)	BBB/BBL	Dec 7, 2022
	Why gender matters for cities and climate change (with GPURL Gender)	BBB/BBL	Jan 23, 2023
	Technical Deep Dive on Advancing Quality Urban Infrastructure (with TDLC)	TDD	Jan 30-Feb 3, 2023
	GPURL CCDR Clinic (with TD GSG and GFDRR)	Workshop	March 2, 2023
	GPURL Forum Lite: Cities and Climate Training (with Climate Smart Cities CoP)	Forum	April 25-27, 2023
Climate Smart Cities CoP	Urban Development in CCDRs	Workshop	Oct 3, 2022
	Discussion on Climate Action Planning	Discussion	Oct 12, 2022
	Low-Carbon Slum Upgrading webinar (hosted by the Slum Upgrading KSB)	Webinar	Jan 24, 2023

Affiliation	Title of Activity	Type of Activity	Date
	Technical Deep Dives on Cities and Climate Change (with TDLC)	TDD	April 17-21, 2023
	Understanding the Various Greenhouse Gases Emitted by Cities: A Climate Science Primer for Urban Practitioners	BBB/BBL	May 9, 2023
	Cities and Climate Change Technical Workshop - “Moving From Plans to Implementation”	Workshop	May 15-19, 2023
Culture, Heritage and Sustainable Tourism KSB	Cultural Heritage and Urban Development - Learning from Korea’s Experience	Workshop	Aug 29, 2022
	Cities, Culture Heritage, Sustainable Tourism and Climate Change	Workshop	June 26, 2023
Solid Waste Management CoP	Site Visit to Prince George’s County SWM facilities	Study Tour	Dec 12, 2022
	Open Learning Campus-Korea Program for Operational Knowledge Exchange on Solid Waste Management	Workshop	May 1 – May 5, 2023
	Creating Sustainable Livelihoods for Waste Pickers: Integrating Inclusive Recycling and Social Inclusion Approaches	Webinar	May 10, 2023
Smart Cities KSB	Korea – World Bank Group Smart City Conference - World Smart City Expo 2022	Workshop	September 2, 2022
	2022 Smart City Leadership Knowledge Exchange in Korea	Study Tour	August 30-September 2, 2022
	How Smart Technologies Make Cities More Livable?	Panel Discussion	October 12, 2022
	Barcelona Smart City Knowledge Exchange Program and Smart City Expo World Congress	Study Tour	November 15-17 2022
	Smart and Inclusive Cities: How digital technologies can help promote disability inclusion in cities?	BBB/BBL	December 8, 2022
	Smart City Indicators: How to make them easy to use and relevant for developing cities?	BBB/BBL	December 15, 2022
	Smart City Scenarios for Brazil	Webinar	June 8, 2023
Transit Oriented Development (TOD) CoP	Workshop: TOD and PPP Metro Network Development in HCMC and Hanoi	Workshop	December 21, 2022
Urbanscapes KSB	Livelihood Centered Public Space Innovations	BBB/BBL	June 6, 2023

Territorial and Spatial Development GSG

Overview of Main Activities

Creating Knowledge: the GSG and its members continue to push the knowledge boundaries to inform our policy dialogue. Most notable from FY23 is the SD Practice Group Flagship report [Thriving: Making Cities Green, Resilient, and Inclusive in a Changing Climate](#), which already had over fourteen thousand downloads by the end of June. A close collaboration with the Poverty & Equity GP led to a joint note on [Estimating Urban Poverty Consistently Across Countries](#). The team has also been working closely with the office of the Chief Economist in LAC supporting the upcoming flagship looking at productivity in the region through a spatial lens – so keep an eye out for the report next FY. Also in LAC, the team focused on urban challenges in the Brazilian Amazonian, work published in chapter 6 of the [Amazon Economic Memorandum](#); the team is also contributing to the North East Brazil Economic Memorandum as well as the Peru CEM, which will be coming up next FY. Meanwhile, in EAP, the team led work on a regional study Unlivable: What the Urban Heat Island Effect Means for East Asian Cities that is expected to be launched in the Fall. See [here](#) for a full list of GSG publications and working papers that came out this FY.

Figure 10. Snapshot of Territorial Development GSG Intranet Page

Home / Practices / Sustainable Development / Urban, Disaster Risk Management, Resilience and Land / Territorial and Spatial Development

Territorial and Spatial Development

☆ Not following

Overview Leadership Knowledge Operations Events Files

Search in this portal

Keywords...

Territorial and Spatial Development

GLOBAL SOLUTIONS GROUP

Welcome to the Territorial and Spatial Development GSG website! [CLICK HERE](#) to join the group and we will stay in touch with you for events, conferences, blogs and upcoming reports.

Publications

- [Thriving: Making Cities Green, Resilient, and Inclusive in a Changing Climate](#)
- [Estimating Urban Poverty Consistently Across Countries](#)

Managing Urban Spatial Growth Frameworks

- [Planning, Connecting, and Financing Cities Now: Priorities for City Leaders](#)
- [Land Governance Assessment Framework](#)
- [Housing/Strategy Framework](#)

Recent Policy Research Working Papers and Notes

- [Mobilizing Property Tax for Stronger Urban Public Finances: Proceedings from the March 10th, 2023, Workshop](#)
- [When the Lights Go Out: The Economic Impacts of Covid-19 on Cities Globally](#)

Announcements

03 SEP 2019
Office Hours

Do you experience some challenges in your projects? We have something new for you!

Gurus Boat

27 MAR 2019
New KSB on Spatial Planning and Investment Prioritization

We are happy to announce the creation of a new KSB – the Spatial Planning and Investment Prioritization...

Gurus Boat

Events and Blogs

See All

Mar 30

EVENT

Mobilizing Finance through Anticipating the Economic...

Join us for the launch of World Bank knowledge...

Thursday, 8:30 AM - 10:00 AM

Mar 10

EVENT

World Bank & GWU Sustainable Cities Worksh...

The World Bank – GWU Sustainable Cities workshop...

Friday, 9:00 AM - 12:00 PM

Location: IS 05B

Dec 6

EVENT

City Planning Labs: Transforming Cities Throu...

Tuesday, 9:00 AM - 10:00 AM

See All

Resilience Academy: Building Skills, Capacity an...

Resilience Academy: Building Skills, Capacity and...

Yara Chun

The Future of Cities and the Changing Nature of Work

Advances in technology and the accelerated trend...

Yara Chun

The Future of Cities and the Changing Nature of W...

Advances in technology and the accelerated trend...

Yara Chun

Operational Support: the GSG continued its operational support across regions. The Lesotho CPF included a strong focus on territorial development, in line with government’s objectives. Teams are complementing this with an ongoing ASA on territorial development challenges. In South Africa, the team is supporting the design of the Mpumalanga Economic Diversification and Industrial Strategy, which is a key part of the country’s just transition away from coal. In Jordan, the GSG is providing technical guidance for neighborhood selection for the Jordan Smart and Inclusive Urban Mobility Project (P176451), including

assessment of impacts of transit investments. In LAC, the team has supported discussions on the contours of an IPF in Peru focusing on regional development. In Central America, the team recently completed an exercise to identify priorities for cities with a spatial lens. To deepen the cross sectoral discussions, a new series of Territorial Development Dialogues in LAC started this year [go [here](#) for video and link to presentations].

Building the Data Foundations: Building on the Global Monitoring Database (GDM), the team created spatial inequality indicators for over 103 countries across 5 continents covering the period since 2000. The data has been published under the “Spatial Inequality Database” on the Development Data Hub ([here](#)). The team has also been working to update the Competitive Cities database and competitive cities benchmarking tool. Keep an eye out for this, along with the launch of the *Thriving* data dashboard, which will provide an interactive web mapping platform for the data which underpins the SD Flagship report.

Knowledge exchanges: with over one event per month, FY23 was a very active year for the GSG from the knowledge exchange perspective. Flagship events included the [WB Live Launch of the Thriving report on cities and climate change](#) and its earlier soft launch at [COP-27](#). The GSG was co-organizer of the [16th North American Meeting of the Urban Economics Association \(UEA\)](#) –which was hosted for the first time at the World Bank. We also co-organized with DEC-RG, GWU and IGC the [7th Urbanization and Poverty Reduction Research Conference](#). At the beginning of the FY, the GSG co-organized with the Poverty & Equity GP a training event on the “Integration of the Consistent Measurement of Urbanization into Global Poverty Measurement.” We also started a new Sustainable Cities Workshop Series, co-organized with George Washington University, holding two half day workshops, the first of which focused on Urban Public Finance & Governance [include link] and the second on Urban Inclusion and Development. We expect to continue this series this FY so stay tuned for new areas of focus. Finally, three clinics to support CCDR teams were held throughout the year. For a full list of events, recordings and presentations shared, visit our [event page](#).

Table 17. FY23 Territorial Development GSG Knowledge Activities

Journal publications
<ul style="list-style-type: none"> Quintero, L. and M. Roberts (2023). "Cities and Productivity: Evidence from 16 Latin American and Caribbean Countries", <i>Journal of Urban Economics</i>. Vol. 136.
<ul style="list-style-type: none"> Fang, S., C. Goh, M. Roberts, L. Xu, and A. Zeufack (2022). "Female Entrepreneurs and Productivity Around the World: Rule of Law, Networks, Culture, and Gender Equality", <i>World Development</i>. Vol. 154.
<ul style="list-style-type: none"> Duque, J.C., García, G.A., Lozano-Gracia, N., Quiñones, M., Montoya, K.Y. (2023). "Inequality and space in a highly unequal country: What does the literature tell us in the context of Colombia?" <i>Regional Science Policy and Practice</i>. First published: 16 May 2023
Working papers
<ul style="list-style-type: none"> D'Aoust, O. S., Galdo, V., & Ianchovichina, E. (2023). "Territorial Productivity Differences and Dynamics within Latin American Countries", Policy Research Working Paper, no. 10480. Washington, D.C.: The World Bank.
<ul style="list-style-type: none"> Jedwab, R. and J. Barr (2023). "Exciting, Boring, and Nonexistent Skylines: Vertical Building Gaps in Global Perspective", Policy Research Working Paper no. 10365. Washington, D.C.: The World Bank.

- Kahn, H., A. Park, M. Roberts and P.S. Wibisana (2022). "[When the Lights Go Out: The Economic Impacts of COVID-19 on Cities Globally](#)", Policy Research Working Paper no. 10189. Washington, D.C.: The World Bank. [Also revise & resubmit, *Journal of Regional Science*].
- Chlouba, V., Mukim, M., & Zaveri, E. (2023). [After Big Droughts come Big Cities: does Drought Drive Urbanization?](#) Policy Research Working Paper Series 10408. World Bank
- Bassi, V., Kahn, M.N., Lozano Gracia, N., Porzio, T., Sorin, J. (2022). [Searching for Customers, Finding Pollution](#). National Bureau of Economic Research.

Blogs

- Van Bronkhorst, B., M. Roberts, and M. Mukim (2023). [The transformative power of cities: tackling climate change through green, resilient, and inclusive urban development](#), WB Sustainable Cities Blog Series. *May 18, 2023*

Podcasts

- "[Thriving – Making Cities Green, Resilient, and Inclusive in a Changing Climate](#)", Urban Exchange Podcast, Episode 8, Dec. 2022.

Launch Events	Date
COP-27 / WB Live launch of standalone overview of SD Practice Group Flagship report – <i>Thriving: Making Cities Green, Resilient, and Inclusive in a Changing Climate</i> [36,609 YouTube views as of 6/22/2023]	11/17/2022
Mobilizing Finance through Anticipating the Economic Impact of Urban Infrastructure – <i>Launch of reports from associated ASA. Event featuring speakers from SECO, Vivid Economics & HR&A Consultants</i>	3/30/2023
WB Live Launch of full SD Practice Group Flagship report - <i>Thriving: Making Cities Green, Resilient, and Inclusive in a Changing Climate</i> [3,577 YouTube views as of 6/22/2023]	5/18/2023
Soft launch of Vibrant Cities report at UN Habitat 2023 assembly: <i>The State of Arab Cities, Toward Vibrant Cities</i>	6/8/2023

Table 18. FY23 Territorial Development GSG Learning Activities

Affiliation	Title of the Activity	Type of the Activity	Date
TD GSG	16th North American Meeting of the Urban Economics Association (UEA) – hosted at the WB and co-organized with the UEA and DIME. Several presentations made by GSG members.	Workshop	9/30/2022
TD GSG	Sustainable Cities Workshop Series - Workshop 1: Urban Public Finance & Governance. Hosted at WB. Co-organized with GWU and involving mix of academic & WB speakers.	Workshop	3/10/2023
TD GSG	Sustainable Cities Workshop Series - Workshop 2: Urban Inclusion & Development. Hosted at GWU. Co-organized with GWU and involving mix of academic & WB speakers.	Workshop	5/9/2023

TD GSG	CCDR Clinic : Support from the Global Unit. <i>Explainer on the support available to GPURL CCDR teams.</i>	Clinic	10/29/2022
TD GSG	<u>GSG Re-launch Event & Meet the Team!</u>	Webinar	11/22/2022
TD GSG	GWU “Thriving” dissemination event <i>targeted at GWU students and Faculty</i>	BBL	3/30/2023
TD GSG	Territorial Development Dialogues – LAC. Tackling Regional Inequalities from the Southern Mining Corridor in Peru to the Border Area in the Dominican Republic	BBL	6/22/2023
TD GSG	AIIB “Thriving” dissemination event <i>for AIIB staff</i>	BBL	6/27/2023
TD GSG	Mobilizing Finance through Anticipating the Economic Impact of Urban Infrastructure	Webinar	3/30/2023
Competitive Cities	Subnational Competitiveness: Emerging Innovations and Operational Lessons	Webinar	6/6/2023
Data, Tools & Platforms	Megatrend Urbanization – New Insights through Monitoring from Space	Webinar	7/7/2022
Data, Tools & Platforms	City Planning Labs: Transforming Cities Through Data	BBL	12/6/2022
Spatial Planning and Investment Prioritization	Stock-Taking of Spatial Planning Utilization in World Bank Operations	Webinar	12/15/2022
Urban & Spatial Economics	Poverty – GPURL “Summer University” Training Event on “Integrating the Consistent Measurement of Urbanization into Global Poverty Measurement” – <i>based on Phase I output of corresponding joint GPURL – Poverty GP global ASA</i>	Training	7/12/2022
Urban & Spatial Economics	7th Urbanization and Poverty Reduction Research Conference – co-organized with DEC-RG, GWU & IGC.	Conference	1/30/2023 – 1/31/2023
Urban & Spatial Economics	CCDR Clinic: Urban development in FY22 CCDRs. <i>Presentations from FY22 GPURL CCDR teams and EFI Climate team (Stephane Hallegatte).</i>	Clinic	10/3/2022
Urban & Spatial Economics	CCDR Clinic: Safe Space Clinic for GPURL FY23 CCDR teams. <i>GPURL FY23 CCDR teams presented their draft analyses, and received guidance from an in-house expert cross-GP panel.</i>	Clinic	3/2/2023

Urban Poverty, Inclusive Cities and Housing GSG

Overview of Main Activities

The Urban Poverty, Inclusive Cities and Housing (UPICH) GSG focuses on issues related to urban poverty, inclusion, slum upgrading, low-cost housing, resilient housing, and solutions for addressing increasing issues of migration and forced displacement.

Along with the affiliated KSBs, the GSG serves as an ecosystem for generating, disseminating, and curating knowledge as well as for advising and contributing to teams working on operationalizing knowledge and best practices in the areas of focus.

Figure 9. Snapshot of UPICH GSG Intranet Page

Urban Poverty, Inclusive Cities and Housing GSG

Overview People Communities Resources Operations Resilient Housing COVID19

The Urban Poverty, Inclusive Cities and Housing GSG aims at fostering a community around key topics related to urban poverty and housing for: knowledge sharing, operational support, training activities, mentoring and building partnerships across the World Bank Group and beyond.

Featured

DOCUMENT
GPURL Social Inclusion FY21 Portfolio Review Report

DOCUMENT
Guidance Note on Community Participation in Slum Upgrading (Main Document)

DOCUMENT
Forced Displacement: An Agenda for Cities and...

EVENT
Improving the Living Conditions and...

Events

DEC 07, 2021 | 08:00 AM - 09:30 AM | Cities Accessible for All
A conversation with practitioners on universal access

NOV 22, 2021 | 08:00 AM - 09:00 AM | How are we doing on Inclusion as GPURL?
This webinar presents key findings and good practices and ...

NOV 18, 2021 | 10:00 AM - 11:30 AM | BBL: The Business Case for Green and Affordable Housing
Learn about the paper 'Business Case for Green and Affordable ...
Location: HQ

NOV 18, 2021 | 08:00 AM - 09:30 AM | BBL: Achieving Housing Affordability in Urban Centers without Bricks and Mortar
The event will explore how three companies use new ...
Location: HQ

NOV 08, 2021 | 08:00 AM - 09:30 AM | Community Participation in Slum Upgrading
The event will introduce the Guidance Note and facilitate two ...

OCT 08, 2021 - OCT 14, 2021 | 09:00 AM - 10:30 AM | ANNUAL MEETINGS: Green, Resilient and Inclusive Housing in Cities
A discussion on how the World Bank Group can work with countries, ...
Location: HQ

Blogs

OCT 22, 2020
The Human Face of COVID-19: Six Things to Consider for an ...
An inclusive recovery goes beyond protecting the poor or those at risk of falling into poverty, although it is essential. Inclusive recovery is about addressing the exclusion and ...
Manojit B Das
Practice Manager

MAY 07, 2020
From waste pickers to street vendors, how can cities expand ...
In cities around the world, an estimated 15 million people scrape together a living through informal waste picking. Many of them are women, children, elderly, unemployed, or ...
Judy L Baker
Lead Economist

SEP 05, 2018
The secret sauce for making the New Urban Agenda a success
Modernity's most common story spanning national, cultural and religious borders is about people moving from rural areas to the cities. By 2030, 80% of the world's population will ...
Luis Miguel Triveno Chan Jan
Urban Development Specialist

Quick Links

CASE NOTES
9 Case Notes on Slum Upgrading

TDD in Tokyo, Japan
Technical Deep Dive: Impro...

Newsletters

House Bugs Newsletter, Is...

Inclusive Cities KSB News...

Planning and...

Safe and Inclusive Cities T...

The GSG focuses on the following activities based on the demands of its membership:

Learning

The GSG has organized formal learning activities that brought internal and external partners and clients together to dig deeper into important issues around urban poverty, inclusion, and affordable housing. Examples in the FY23 include a Technical Deep Dive (TDD) and many other webinars on several topics, including—but not limited to—affordable housing, jobs and local economic development, tracking population movements in FCV, and universal accessibility in urban design, urban planning in informal politics, social and affordable housing, smart and inclusive cities. [All events could be found on the GSG SharePoint site](#). Some of the highlights are as such:

- [Virtual Technical Deep Dive \(TDD\) on Affordable Housing](#) was organized by TDLC in collaboration with the GSG and Affordable Housing KSB from October 17 to 21, 2022. The TDD was designed in a way that most effectively highlights the World Bank’s clients’ needs at a global level to better understand constraints and opportunities in the sector, improve the targeting of limited public resources, and mobilize the private sector in the delivery of affordable housing.
- New initiation for mainstreaming Universal Accessibility (UA) in Urban Operations kicked off. Through the QII-funded mainstreaming UA initiative, Inclusive Cities KSB team has been working with two pilot projects: Senegal Affordable Housing Development Project (P174759) and Yemen Integrated Urban Services Emergency Project II Additional Finance (P178270). The team mobilized two UA experts in September 2022 and subsequently, hired a firm and awarded the contract in January 2023 to a consortium led by a French-based firm, Urbaconsulting. An internal technical [workshop](#) was conducted on October 20, 2022, which focused on the needs of the supported projects in Senegal and Yemen. Then the initiative was formally launched through an [event](#) on March 2, 2022.
- Affordable Housing KSB co-organized the [9th Global Affordable Housing Conference](#) in collaboration with the FCI GP. A session on Affordable Housing and Artificial Intelligence was featured.

Knowledge Development and Sharing

The GSG and its affiliated KSBs are supporting operations and the development of new knowledge pieces based on areas of emerging demand:

- With support from GAP Fund, the Slum Upgrading KSB has developed a [knowledge note on Low Carbon Slum Upgrading](#). The note discusses possible entry points for low carbon approaches to slum upgrading, illustrates practical, affordable and adaptable low-carbon solutions for slum upgrading at the household level and neighborhood level, and highlights key considerations and lessons in the planning and implementation of low carbon interventions in slum upgrading. The guidance note is introduced through an [event](#) on January 24, 2023
- [A Guidance Note for Task Teams on Cities, Jobs and Local Economic Development](#) was finalized and disseminated. The work was led by the Urban Poverty, Inclusive Cities and Housing and the Inclusive Cities team contributed through a GPURL FY22 portfolio review from a jobs and economic inclusion perspective. The note was internally reviewed and disseminated through an [event](#) on May 23, 2023.
- The GSG’s affiliated KSBs, namely the Inclusive Cities KSB and Affordable Housing KSB, have published **regular newsletters** to update task teams about the subject matter.
- The GSG and KSBs also serve as a support mechanism for Bank operational teams by providing just-in-time technical advice and support through different channels such as **email distribution lists and an internal [SharePoint site](#)**.

Partnerships

Internal and external partnership building is another primary objective of the GSG. The team has focused on solidifying internal partnerships, such as with FCI (e.g., through the Affordable Housing Conference affiliated event that FCI led), the GPURL Gender Group, the Social Inclusion GSG, and Competitive Cities KSB. It has also strengthened relations with external partners such as Habitat for Humanity, Cities Alliance, Slum Dwellers International, REALL, and WIEGO.

Affiliated KSBs and Global Programs

The GSG comprises four KSBs and Global Programs:

- **The Affordable Housing KSB** supports current operations and responds to growing client demand in the housing sector across regions.
- **The Cities, Migration and Forced Displacement KSB** aims to improve knowledge exchange and enhance operational approaches to address migration and forced displacement in cities and towns through activities such as advisory services and analytics for investment operations, project support for results and impact studies, and knowledge and information sharing.
- **The Inclusive Cities KSB** promotes an integrated approach to spatial, social, and economic inclusion within cities. The objectives of the KSB are to enhance understanding of exclusion in cities and share ways to improve inclusion in urban areas through a multi-dimensional approach. In doing so, the KSB focuses on supporting operations, facilitating knowledge exchange and peer learning, and building a network among GPURL and cross-GP colleagues as well as external partners.
- **Slum Upgrading KSB** is comprised of staff working to advance the practices aimed at achieving inclusion in cities. It provides a platform for exchanging knowledge and experiences, responding to demands for operational support, identifying opportunities for scaling up operational responses, and capacity building opportunities for staff and clients.

The GSG and its affiliated communities delivered 4 knowledge (Table 18) and 16 learning activities (Table 19) in FY23.

Table 19. FY23 Urban Poverty, Inclusive Cities and Housing GSG Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
Urban Poverty, Inclusive Cities and Housing GSG / Inclusive Cities / Competitive Cities	Cities, Jobs and Local Economic Development	Publication	5/23/2023
Affordable Housing	Intranet SharePoint Page Upgrade	Knowledge Resource	12/22/2022
Inclusive Cities	Mainstreaming Universal Accessibility in Urban Projects	Launch Event	3/2/2023
Slum Upgrading	Knowledge Note on Low Carbon Slum Upgrading	Publication	1/24/2023

Table 20. FY22 Urban Poverty, Inclusive Cities and Housing GSG Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
Urban Poverty, Inclusive Cities and Housing	Urban Planning in a World of Informal Politics	Webinar	2/8/2023
Urban Poverty, Inclusive Cities and Housing GSG / Inclusive Cities / Competitive Cities	How can we mainstream Jobs and LED agenda in urban operations?	Webinar	5/23/2023
Urban Poverty, Inclusive Cities and Housing GSG / Inclusive Cities KSB / Competitive Cities KSB	Connecting urban infrastructure to jobs and economic development: Experiences from Georgia and Kyrgyz	Webinar	1/31/2023

Urban Poverty, Inclusive Cities and Housing GSG / Slum Upgrading	Supporting Home as a Workplace: New Approaches to Planning and Design	Webinar	4/11/2023
Urban Poverty, Inclusive Cities and Housing GSG / Urbanscapes KSB	Livelihood Centered Public Space Innovations	Webinar	6/6/2023
Urban Poverty, Inclusive Cities and Housing GSG / Competitive Cities KSB	Africa's Urbanization Dynamics 2022: The Economic Power of Africa's Cities	Webinar	2/2/2023
Affordable Housing	Social and Affordable Housing Systems in Western Europe	Webinar	1/24/2023
Affordable Housing	Columbia's Inclusive and Resilient Housing	Webinar	3/8/2023
Affordable Housing	Affordable Housing Conference	Conference	31/05/2023
Affordable Housing	Vivienda Sostenible Para Todos - Programa de Intercambio en America Latina y el Caribe	E-learning Course	12/14/2022
Affordable Housing	Social and Affordable Housing Systems in Western Europe	Webinar	1/24/2023
Cities Migration Forced Displacement	Tracking Population Movement in FCVs - the case of Syria and Ukraine	Webinar	3/9/2023
Inclusive Cities	Applying Universal Accessibility in Urban Projects	Workshop	10/20/2022
Inclusive Cities / Social Inclusion GSG	Social Inclusion in Cities: The Italian case of Palermo and Turin	Webinar	3/16/2023
Inclusive Cities/Smart Cities	Smart and Inclusive Cities: How digital technologies can help promote disability inclusion in cities?	BBB/BBL	12/8/2022
Slum Upgrading	Low Carbon Slum Upgrading	Webinar	1/24/2023

Tokyo Development Learning Center (TDLC)

Technical Deep Dives and Workshops

Technical Deep Dives (TDDs), TDLC's flagship activity, are a week-long, cohort-based knowledge sharing program for World Bank clients and staff engaged in projects in developing countries aimed at sharing key global and Japanese best practices to generate actionable solutions for WB projects related to urban development. The TDDs comprise various immersive knowledge exchange activities that include presentations by experts, site visits, group discussions, and action planning.

While COVID-19 related travel restrictions impacted the delivery of the TDDs in Q1 of FY23, TDLC returned to in-person delivery of TDDs in January 2023, albeit scaled-down, after a near three-year of virtual modality. In total, TDLC delivered five TDDs, one virtual and four in-person, attended by 149 country representatives from 37 countries, and 51 World Bank TTLs. In aligning with the priorities of the World Bank Group's Evolution Roadmap and the government of Japan, the TDD incorporate topics such as, climate change, post-conflict recovery, and quality infrastructure investments (QII). Return to in-person TDDs, prompted new ways of delivering knowledge-exchange, such as "in-city" TDDs where the entire TDD is hosted in one Japanese city to deepen the experiential learning of TDD participants, and "regional" TDDs that are structured to benefit a particular region (i.e ECA region for the knowledge exchange on postwar reconstruction and recovery held in Hiroshima).

To date, **TDLC has organized five TDDs:**

TDD on Affordable Housing (Online: October 17–21, 2022)

The TDD on Affordable Housing was organized by TDLC in collaboration with the Affordable Housing Community of Practice as a virtual event that aimed to "provide knowledge exchange opportunities on tools and approaches that governments can introduce and implement to support the strengthening of formal housing markets with a particular focus on low-income market segments". This TDD was anchored in three core themes namely: Constraints and Opportunities on the Housing Value Chain; Segmentation of the Housing Market; and Mobilization of the Private Sector Delivery.

Through this TDD, the participants examined the primary problems of affordable housing provision in their respective countries, which included: a.) Increasing urban sprawl; b.) Absence of adequate funding mechanisms and private sector involvement in housing provision; c.) Housing supply unable to cope with increasing demand for housing.

The TDD informed 12 WB projects with an estimated amount of USD1.9billion and with about 4.1 million potential project beneficiaries. The virtual modality of this TDD enabled the participation of 10 countries, namely: Cameroon, Comoros, Djibouti, Dominican Republic, Ghana, India, Indonesia, Maldives, Philippines, and Rwanda. A total of 116 participants attended this event, which comprised of 69 country representatives and 17 Task Team Leaders, 16 technical resource persons and 14 observers.

TDD on Advancing Quality Urban Infrastructure (F2F: January 30–February 3, 2023)

Together with the QII Partnership and the Sustainable City Infrastructure and Services GSG, TDLC held this TDD with the objective of "developing operational understanding of QII principles (that is, sustainable development, economic efficiency, environmental considerations, disaster resilience, social considerations, and governance) and how these can be applied in addressing urban development problems and in project implementation." The TDD covered four key topics: (1) key elements of quality infrastructure investment; (2) green, resilient, inclusive infrastructure design; (3) economic efficiency and mobilizing finance for

quality infrastructure investment; and (4) leveraging digital transformation for urban infrastructure and services.

The TDD, which was the first in-person TDD in three years, informed 14 World Bank projects amounting to an estimated US\$ 3.3 billion and with about 14.9 million potential project beneficiaries. Nine countries participated the TDD: Cambodia, Ethiopia, Jamaica, Madagascar, Morocco, Senegal, Pakistan, Turkey, and Vietnam. Twenty-three representatives and 9 Task Team Leaders, of which 11 were female attended the TDD (table 13). Ten (10) Japanese experts and 9 international experts were mobilized to support this event.

TDD on Nature-Based Solutions for Climate Resilience (F2F: February 20 – 24, 2023)

TDLC organized this TDD in collaboration with the Global Program on Nature-Based Solutions (NBS) for Climate Resilience and GFDRR's Tokyo DRM Hub. The TDD explored the design and implementation of nature-based solutions and provide better understanding of how resilience can be designed for cost-effectiveness, sustainability, and restoration of biodiversity. This TDD focused on three core themes: Flood Risk Management, Engaging Communities for NBS, and Designing Urban NBS.

This TDD informed 10 World Bank projects amounting to a combined US\$1.4 billion and around 21.9 million potential project beneficiaries. Nine countries participated in this event: Cambodia, Cote d'Ivoire, Honduras, Indonesia, Jordan, Rwanda, Sri Lanka, Uzbekistan, and Vietnam. Seventeen country representatives and 11 Task Team Leaders, of which 11 were female, and 9 observers attended the TDD. TDLC engaged 14 Japanese experts and 8 international experts to share their knowledge in this activity.

Housing and Urban Recovery: Knowledge Exchange in Japan on Urban Crises (F2F: March 13 – 16, 2023)

This event was designed as a region-focused knowledge-exchange responding to a regional demand for a common knowledge theme with the objective of providing the opportunity to learn from the Japanese experience in managing crises, specifically lessons from the City of Hiroshima in recovering after the war and the incremental and bottom-up process of post-war reconstruction. The activity consisted of knowledge-exchange workshops that covered three themes: Emerging Crisis in Europe and Central Asia; Experience of Hiroshima in Postwar reconstruction; and Building green, resilient, and inclusive cities after the crisis.

The knowledge-exchange informed eight World Bank projects amounting to an estimated US\$ 254million and 0.04 million expected beneficiaries. Eight countries attended the activity: Azerbaijan, Croatia, Greece, Kosovo, Kyrgyz Republic, Poland, Romania, and Ukraine. Twenty-three country representatives and 9 Task Team Leaders (of which 16 were female), participated in this activity. Eleven Japanese experts and 14 international experts served as technical resource persons.

TDD on Cities and Climate Change (F2F: April 17 – 21, 2023)

This TDD was organized by TDLC together with the Sustainable City Infrastructure and Services GSG, GFDRR, and the Climate Smart Cities Community of Practice (CoP). It provided an opportunity for World Bank client country delegations to develop a deeper understanding of good practices in urban climate adaptation and mitigation, including transit-oriented development and resilient infrastructure, nature-based solutions, resilient and energy efficient buildings, and solid waste management. This TDD focused on four themes: Solid Waste Management; Resilient Green Buildings; Nature-based Solutions; and Resilient Green Transport and Transit-Oriented Development (TOD).

The TDD informed nine World Bank projects amounting to an estimated US\$ 1.5 billion and potential project beneficiaries of about 7.4 million people. Eight countries participated in this event: Indonesia, Jordan, Kenya, Nepal, Nigeria, North Macedonia, Peru, and Vietnam. Eighteen country representatives and 8 Task Team Leaders (of which 10 were female) and 1 observer attended the TDD. The technical resource persons mobilized to share knowledge in this activity included 12 Japanese experts and 7 international experts.

Other Key Events Hosted/Co-hosted by TDLC

In addition to the TDDs, TDLC hosted/co-hosted other key global events:

13th Asian-Pacific City Summit side event on Healthy Cities in Action: Maximizing Health Co-Benefits of Inclusive Urban Investments (Hybrid: July 28, 2022)

At the request of Fukuoka City on July 28, 2022, TDLC held, a side event for the Asia Pacific City Summit: a panel discussion on Healthy Cities in Action: Maximizing Health Co-benefits of Inclusive Urban Investments. This panel discussion introduced relevant domestic and international local government policies and private sector initiatives that promote healthy and inclusive community development. The 184 attendees deepened their understanding of healthy city initiatives in Japan and abroad. Fukuoka City and Kobe City were selected as examples from Japan, and participants deepened their understanding of the efforts being made in each city to improve healthy life expectancy and to create a city that makes the most of nature and information and communications technology.

International Symposium “From Recovery to Growth: Learning from Hiroshima’s Experience” – Dialogue between Hiroshima, Ukraine, and other Eastern European and Central Asian Countries (March 15, 2023). (F2F: March 15, 2023)

To commemorate Hiroshima becoming the seventh city to join the CPP, TDLC and the City of Hiroshima co-organized an international symposium on the theme of reconstruction and growth. About 500 people gathered from Hiroshima City and beyond, including government officials, private businesses, researchers, and the general public. The event featured video messages from Prime Minister Fumio Kishida and World Bank President David Malpass, as well as remarks from Deputy Finance Minister Kentaro Ogata, Hiroshima Governor Hidehiko Yuzaki, and Hiroshima Mayor Kazumi Matsui.

Juergen Voegelé (Vice President for Sustainable Development, World Bank) spoke on behalf of the World Bank and stressed that urban areas are vital for economic growth and opportunities, because they provide solutions to various developmental complications. He highlighted the adaptability of cities to rebuild themselves, becoming more green, resilient, and inclusive, just like the city of Hiroshima has accomplished. Anna Yurchenko (Deputy Minister for Communities, Territories and Infrastructure Development of Ukraine for European Integration) delivered the keynote presentation, expressing her belief that Hiroshima represents reconstruction and prosperity and that Ukrainians can follow suit in rebuilding their society for the better.

A music session, navigated by the mayor of Hiroshima, featured orchestral and choral performances and a slide show on the destruction and reconstruction of Hiroshima and the culture of peace, which captivated the audience. During the panel discussion moderated by Juergen Voegelé (Vice President of Sustainable Development, World Bank), notable figures such as Kenichi Susume (Deputy Mayor of Hiroshima City), Oleksandr Syenkevych (Mayor of Mykolaiv, Ukraine), Azamat Mambetov (First Deputy Minister of Emergency Situations, Kyrgyz Republic), Nargiz Garajayeva (Senior Adviser, Office of Special Representation of the President, Azerbaijan), and Sameh Wahba (Regional Director, Sustainable

Development, Europe and Central Asia, World Bank) discussed key challenges and initiatives around reconstruction efforts.

Conclave on Urbanization and Development in Fragile Mountain Ecosystems (April 5-6, 2023)

(F2F: April 5-6, 2023)

TDLC served as one of the technical partners to organize a two-day conclave on Urbanization and Development in Fragile Mountain Ecosystems, jointly hosted by the High-Level Committee on Urban Planning, constituted under the Ministry of Housing and Urban Affairs, India and the Administrative Training Institute, State of Uttarakhand, India, and was held in Nainital, Uttarakhand, with participation from Himalayan towns in Bhutan, Nepal, and India.

TDLC mobilized two experts from Japan as speakers: Susumu Oikawa, deputy mayor of Hiroshima City and Takeshi Suzuki from MLIT. For Day 1, in “Session III: Innovative Data and Technological Tools to Improve Urban Planning of Mountain Cities,” Deputy Mayor Oikawa presented on “Reconstruction and Community Development from Torrential Rain Disasters” which was based on the city’s experience. For Day 2, in “Session V: Urban Regeneration and Renewal: Infrastructure and Service Provision in Himalayan Cities”, Takeshi Suzuki presented on “Urban 3D Model PLATEAU: Initiatives of the Japanese Digital Twin” to showcase the latest digital data tool in Japan and its application in urban planning.

The conclave facilitated an exchange of knowledge and best practices from five participating countries with 150 participants from more than 30 cities. Representatives from national, subnational, and local governments from Bhutan, India, Japan, Nepal, and the Republic of Korea made presentations on solutions and approaches to effectively respond to the challenge of development in the Himalayas. The presentation touched upon topics such as urban planning in different spatial contexts, impact and approach towards floating/tourist population, urban renewal and upgrading, land use planning, and risk-based master plans. At the closing of the conclave, the Nainital Declaration —co-signed by the Urban Development Directorate, government of Uttarakhand, Administrative Training Institute, state of Uttarakhand, and the High-Level Committee on Urban Planning — was announced as a statement of purpose to work towards a “green, resilient and inclusive future for Himalayan cities in India”.

Table 21. FY23 TDLC Knowledge Activities (Host/Co-host)

Affiliation	Title of Activity	Type of Activity	Date
TDLC	Hiroshima's Rise: A Blueprint for Post-Crisis Urban Renewal	Feature Story	April 27, 2023
	Hiroshima: Lessons learned from post-war urban development	Bibliography	April 28, 2023,
	Applying Japanese Knowledge to Development Challenges	Feature Story	May 11, 2023

Global Partnership for Results-Based Approaches (GPRBA)

Established in 2003, the [Global Partnership for Results-Based Approaches](#) (GPRBA) supports the World Bank’s work of building inclusive, resilient, and sustainable cities and communities, using innovative results-based financing instruments to help address the many development challenges that the world faces today. GPRBA’s [results-based financing \(RBF\)](#) approaches provide access to basic services like water and sanitation, energy, health, and education for low-income families and communities that might otherwise go unserved. By linking payments to actual results achieved, and through its explicit and unique pro-poor focus, GPRBA fosters inclusive development and helps address service delivery gaps arising from the challenge of increased urbanization in developing countries. It creates financial incentives for service providers to extend basic services to low-income communities, while also providing incentives for consumers in these communities to access the services. In addition to bringing together public and private sector funders to maximize resources and designing effective incentives for service providers to reach underserved low-income communities. **GPRBA produced 5 knowledge products (Table 23) in FY23.** Knowledge sharing activities includes publications, videos, and external event participation by GPRBA team members.

GPRBA's flagship knowledge event, RBF Forum 2023, was held in Nairobi, Kenya from May 22-25, 2023. The forum served as a platform for showcasing impactful projects, unveiling evidence of results-based financing (RBF) approaches in development, fostering knowledge exchange among RBF practitioners, and thought leaders, and facilitating invaluable networking opportunities.

GPRBA started revamping GPRBA website that is supposed to be finalized in early FY 24 GPRBA continues to disseminate news and publications through its “Results Matters” quarterly newsletters that counts over 3,000 subscribers.

Table 23. FY23 GPRBA Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
GPRBA	Annual Report 2023	Publication	Oct 30, 2022
	Results Matters Newsletter February-July	Publication	Dec 20, 2022
	Stakeholder Assessment	Knowledge Resource	Jan 7, 2023
	Lessons Learned Database	Knowledge Resource	June 30, 2023
	Country/Donor Database	Knowledge Resource	June 30, 2023

Table 24. FY23 GPRBA Learning Activities

GPRBA	Outcome-Based Financing and Impact Bonds	Training	May 4, 2023
	RBF Forum	Forum	May 22, 2023

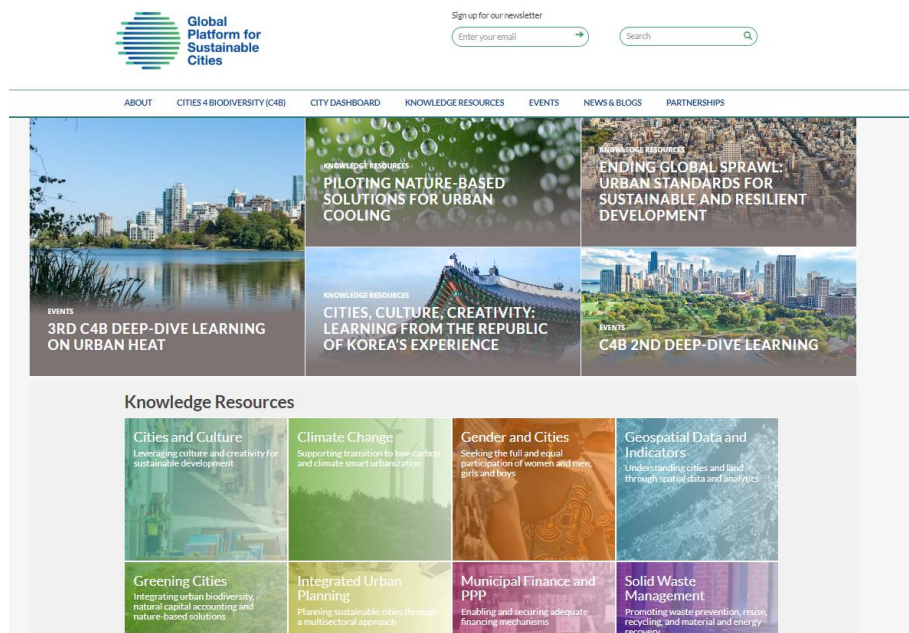
Global Platform for Sustainable Cities (GPSC)

The [Global Platform for Sustainable Cities \(GPSC\)](#) is a knowledge platform managed by the World Bank’s GPURL. Led by GPURL and financially supported by the Global Environment Facility ([GEF](#)), the platform has been coordinating GEF’s [Sustainable Cities Program](#) since 2016. GPSC has convened and led multi-stakeholders across the globe and the broad spectrum of urban issues, built on its three pillars: Planning, Financing, and Measuring. GPSC’s multi-sectoral activities have been delivered through diverse channels and have contributed to policy development, planning, implementation, and capacity-building programs at the local, national, regional, and global levels and provided direct support to the city projects.

During the FY23, the GPSC organized 5 knowledge and 6 learning activities. Some of the major activities include the two deep-dive learning events: the first one, “[Greening Cities: Urban Nature and Biodiversity – Promote “Nature-positive” Development](#)” was held in November 2022 in Paris in collaboration with the Paris Municipality and AFD and delivered in a hybrid format. The 4-day learning event was designed to provide an interactive platform to learn and exchange ideas on urban nature and biodiversity across four thematic areas; i) Overview of urban nature and biodiversity, ii) Managing urban nature and biodiversity, iii) Incorporating urban nature and biodiversity into spatial planning/urban form, and iv) Incorporating urban nature and biodiversity into project design and financing. 100+ attendees joined in-person and 150+ people participated online, comprised of city representatives, urban practitioners from around 50 cities across 23 countries, as well as experts and senior officials from the partner organizations.

From April 24-28, 2023, it organized another deep-dive learning on “[Urban Heat,](#)” which focused on (i) incorporating climate adaptation and cooling solutions into planning, (ii) holistic approach to urban cooling solutions including nature-based solutions, passive and active cooling options such as district cooling, (iii) policy and regulatory framework for implementation as well as approach to financing. The program was structured to highlight the process and approach to tackling urban heat challenges drawing from case studies in Singapore and international best practices, including Paris and Guangzhou, providing a platform for knowledge exchange and deep-structured collaborative learning for participating cities of Cambodia, China, Indonesia, Paris, Philippines, Poland, Thailand, Uzbekistan, and Vietnam.

Figure 10. Snapshot of the GPSC Website



GPSC was also actively engaged online knowledge sharing activities. During FY23, GPSC’s website (www.thegpsc.org) had 81,679 views and 44,435 unique users. An important aspect of GPSC’s website is how it supports seven of GPURL knowledge communities by hosting their thematic web pages. In terms of online communication, the newsletters reached almost 3,300 recipients on average, which include World Bank colleagues, partner organizations, city leaders, urban practitioners, research institutions, and students around the globe.

Table 25. FY23 GPSC Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
GPSC	C4B 1st Deep-Dive Learning: Greening Cities - Summary Report	Publication	Oct 19, 2022
	Newsletter Issue 18: October	Publication	Oct 22, 2022
	Ending the Global Sprawl	Publication	Nov 22, 2022
	Newsletter Issue 19: December	Publication	Dec 20, 2022
	Newsletter Issue 20: May	Publication	May 12, 2023

Table 26. FY23 GPSC Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
GPSC	C4B 2nd deep-dive learning	TDD	Nov 28-Dec2, 2022
	GEF-8 Sustainable Cities: Peru Ministry of Environment	Panel Discussion	Jan 11, 2023
	GEF-8 Consultation Meeting	Workshop	Jan 25-26, 2023
	EU Policy Framework for Urban Biodiversity and Green Urban Infrastructure	BBL	March 21, 2023
	C4B 3rd deep-dive learning	TDD	April 24-28, 2023
	GEF-STAP knowledge management convening	Workshop	May 4, 2023

GPURL Gender Group

To facilitate knowledge sharing of gender-inclusive practices and models, GPURL established the GPURL Gender Group (GG) in FY20 to provide a more systematic gender tag review process and more support for task teams in meeting gender tagging requirements.

The GPURL GG provides support to teams through a network of regional focal points. The main objectives of the Gender Group are:

- Enhancing the impact of GPURL's efforts to mainstream and promote gender inclusion in operations through knowledge creation, curation, capacity building, and partnerships.
- Providing easy and accessible information on good practices on gender in Urban Disaster Risk Management (DRM) and Land.
- Sharing resources, including knowledge briefs, guidance notes, sample TORs, and results stories for WB teams on gender in Urban, DRM and Land.
- Supporting operational teams with the gender gap analysis and development of the gender results chain for the gender tag.

In FY23, the team continued to produce a , started in March 2020, to share best practices, reports, and other documents on gender in GPURL. The GPURL Gender Group launched a Guidance Note [How to Identify Gender Gaps in Disaster Risk Management Projects](#) and a new and improved toolkit “Integrating Gender in Land Projects: A Toolkit” The GG team organized the following training and knowledge events in FY23:

- Gender and Forced Displacement in Cities – consultation workshops on January 18, 2023 and December 12, 2022
- [Gender Issues in Solid Waste Management](#) – October 6, 2022
- [Who’s at the Table? Centering Gender in Urban Resilience Projects](#) – January 23, 2023

The GG team also completed a portfolio review of GPURL operations and gender tagging for FY21-22 (adding to the previous portfolio review for FY18-20) which provided the data for a [five-year trend analysis](#), and an [Implementation Review of GPURL IPF operations](#) to assess the status of gender tagged operations (approved between FY2018-20) in the GPURL portfolio and their current progress toward closing their identified gender gaps.

Finally, the team launched a [database of strong gender tag results chains](#) that is searchable by topic, country, and region and which is now operational on the GPURL Gender page.

Figure 11. Snapshot of the GPURL Gender Results Chain Repository

GPURL Gender Results Chain Repository

The GPURL Gender Results Chain repository includes all the GPURL projects that achieved the Gender tag from FY19 onward. The projects included were gender tagged based on the results chain presented in their projects documents and in line with the Gender Tag Criteria. The indicators included are country and project context specific. **Not all the below indicators will qualify for gender tag. Teams should seek guidance from their GPURL Gender regional focal Point at [GPURL Gender/](#)**

Number of Projects
15



Title: PDO: Gender Gap:

Interventions: Indicators:

FY: IBRD/IDA: Pillar: Country: Region:

P-number	Title	PDO	Gender Gap	Region	Country	Instrument	IBRD/IDA	FY	Interventions
P171658	Bamako Urban Resilience Project	Improve access to urban waste, sanitation and water services, increase resilience to floods in selected vulnerable areas of the District of Bamako and targeted neighboring communes, and strengthen urban management capacity.	Job creation for women in waste management sector, and women's role in decision-making.	Western And Central Africa	Mali	IPF	IDA	FY23	Ensure female participation targeting women in particular calls for participation, by pr initiatives within women's o and by reaching out to won organizations. All of these e at reaching the target of 40 the jobs created. This progr specific calls for female part encourage women's inclusi

GPURL Gender Group organized 10 knowledge activities and 1 learning activities in FY23 (tables 25 and 26).

Table 27. FY21 GPURL Gender Knowledge Activities

Affiliation	Title of Activity	Type of Activity	Date
GPURL Gender	July Newsletter on SWM	Publication	Jul 21, 2022
	September Newlsetter on Women's Land, Housing and Property Rights	Publication	Sept 29, 2022
	Integrating Gender in Land Projects:A Toolkit	Publication	Oct 28, 2022
	November Newsletter on Latest Publications	Publication	Nov 28, 2022
	January Newsletter on Gender and RBF	Publication	Jan 30, 2023
	March Newsletter on Gender and Climate Change	Publication	Mar 28, 2023
	GPURL Gender Results Chain Repository	Publication	Mar 28, 2023
	Five Year Retrospective on Gender Tag	Publication	Jun, 2023
	Implementation Review of Gender Tagged Projects	Publication	Jun, 2023
	June Newsletter on Gender Tag	Publication	Jun 20, 2023

Table 28. FY22 GPURL Gender Learning Activities

Affiliation	Title of Activity	Type of Activity	Date
GPURL Gender	Gender Issues in Solid Waste Management	BBB/BBL	Oct 6, 2022

Annex. FY23 GSGs, KSBs, and CoPs Architecture

GSG/KSB	Contact Person	Description
CITY MANAGEMENT, GOVERNANCE & FINANCE	Roland White Community Manager: Diana Tatucu	The City Management, Governance, and Finance (CMGF) Global Solutions Group (GSG) has four basic objectives: - The building of CMGF knowledge within the Bank; - Enhancement of the technical quality of Bank CMGF analytic; - Advisory and lending activities; - Development of CMGF skills of Bank staff, and the building of internal and external networks.
Innovative Urban Infrastructure Finance Instruments KSB	Alessandra Campanaro, Natsuko Kikutake, Axel E. N. Baeumler, Diana Cristina Tello Medina Community Manager: Diana Tatucu	Our KSB engages Urban Finance specialists across GPs and Regions, external experts, and clients. We provide support and share knowledge through: i) Mini clinics: In-depth sharing on innovative instruments and challenges; ii) Lessons learned from projects and international experience; and iii) discussions and debates on controversial topics.
Own-Source Revenue KSB	Aanchal Anand, Uri Raich, Davison Muchadenyika, Community Manager: Diana Tatucu	We are a community of municipal finance practitioners interested in improving the performance of local governments' own-source revenues to advance various objectives like improved service delivery, higher creditworthiness, and ability to finance climate initiatives. We are seeking to explore more effective ways of working, identifying common solutions, and sharing approaches and ideas. Our practice of a shared set of frameworks, tools, information, stories, and documents, serves as a body of knowledge from which members can draw. The objective of this KSB is to serve as a safe and trusted environment for members to connect, communicate, and collaborate.
Urban Regeneration and Land Value Capture KSB	Valerie Joy Eunice Santos, Community Manager: Diana Tatucu	The KSB looks to support the WBG agenda to help unlock value and promote revitalization through: i) Convene: Technical Deep Dives, Practitioner Brown Bag Lunch seminars and site visits; ii) Ad hoc Operational Support: from expert team and KSB members; iii) Share Knowledge: Sample ToRs, Real world cases, collaborate and pilot concepts; iv) Crowdsourcing: Connect people with resources & ideas, among KSB members, cross WBG GPs and units and external partners.
Result Based Finance KSB	Jessica Lopez Taylor, Sohaib Athar, Community Manager: Diana Tatucu	The objective of the Results-Based Financing Knowledge Silo Breaker is to support clients and World Bank colleagues to increase the impact of our support through results-based financing (RBF) instruments. We seek to further cultivate a community of practice of individuals committed to leveraging RBF for our clients and to empower it with the knowledge and resources that will allow it to succeed in its efforts.

<u>LAND & GEOSPATIAL</u>	Community Manager: Syed Salam	The Land and Geospatial GSG provides a platform for World Bank Staff interested in the topic to connect with their peers, access and share knowledge and best practice, and more.
<u>Geospatial CoP</u>	Alvaro Federico Barra, Brian Blankespoor, Community Manager: Syed Salam	The Geospatial Community of Practice was created to grow this landscape and mainstream GIT by connecting geo-minded WBG staff to: i) improve the quality of their outputs through effective knowledge sharing and coordination; ii) increase WBG awareness of the benefits of applying geospatial techniques; iii) apply the appropriate spatial tools and solutions to the problem at hand; iv) provide opportunities for staff to build technical expertise on spatial analysis and tools; and v) build partnerships to influence the spatial agenda for the development community.
<u>Land Thematic Group KSB</u>	Mercedes Stikler, Ivonne Horta, Community Manager: Syed Salam	This KSB works in close collaboration with the Land and Geospatial GSG, to organize peer learning and exchange (breakfast meetings, BBLs and seminars on innovative and cross-cutting bank work; and visiting experts); leverage the land conference to assist bank staff to present work; encourage exchange with clients and engage bank staff.
<u>RESILIENCE & DISASTER RISK MANAGEMENT</u>	Niels B. Holm-Nielsen Knowledge Management (KM): Erika Vargas	The Resilience and Disaster Risk Management (RDRM) GSG is organized around a knowledge management and communications platform. The Portal offers curated content related to operations in topics such as Cat DDO and CERC, and just-in-time resources for RDRM operations and recently we added Emergency in a Box. The RDRM Portal is populated daily with feature stories, news, blogs, projects, publications, events, as well as videos related to Resilience and DRM. The RDRM Portal intranet interface is intuitive and provide user-friendly features. It is one of the most viewed and visited intranet spaces within the Sustainable Development VP. The Portal hosted knowledge and communications products, including blogs, news, publications and events.
<u>Building Regulations for Resilience, Climate Change Adaption and Migration KSB</u>	Ana Campos, Keiko Sakoda KM: Erika Vargas	The aim of this cross-World Bank Group program is to establish a network of practitioners dedicated to strengthening building regulations for the purpose of promoting disaster risk reduction in the built environment, resource-efficient and low-carbon buildings, a level playing field for the private sector and sustainable and inclusive urban development. The Building Regulation for Resilience KSB promotes activities to improve regulatory systems for a safe, green, healthy and inclusive built environment. Services focus on: i) Regulatory framework: Providing technical support to enhance building regulatory framework; ii) Capacity: Enhancing the capacity of countries to effectively implement building regulatory frameworks and create an enabling environment for compliance; and iii) Knowledge: Creating partnerships and leveraging global good practices to support countries in driving the right behaviors to build resilience.

<u>City Resilience Program KSB</u>	Manuela Chiapparino, Rob Pilkington, Steven Rubinyi KM: Erika Vargas and Leonardo Valente	The City Resilience Program (CRP) was launched in June 2017 as a multi-donor initiative aimed at increasing financing for urban resilience, the Program is supported by the Swiss State Secretariat for Economic Affairs (SECO) and the Austrian Federal Ministry of Finance. CRP's vision is resilient cities with the capacity to plan for and mitigate adverse impacts of disasters and climate change, thus enabling them to save lives, reduce losses, and unlock economic and social potential. The aim of the program is to catalyze a shift toward longer term, more comprehensive multi-disciplinary packages of technical and financial services, building the pipeline for viable projects at the city level that, in turn, build resilience. The City Resilience Program has engaged with over 100 cities in 50 countries since its inception in 2017. Services focus on: -Planning: Providing cities with increased access to tools and technical support to effectively plan for resilience, -Finance: Supporting cities increase access to private capital through technical assistance, guarantees and viability gap financing, -Partnerships: Helping cities leverage global partnerships to support their resilience objectives, including co-financing opportunities.
<u>Digital Earth Partnership & Geospatial Data KSB</u>	Edward Anderson, Xiaofeng Li, and Vivien Deparday KM: Erika Vargas	The Digital Earth Partnership aims to accelerate the world's adoption of frontier earth observation for climate resilient development. This will enhance outcomes of service delivery in development with improved data, monitoring, decision support and risk management that is locally appropriate, affordable, scalable and sustainable. The work includes to leverage global partners, such as the European Space Agency, and focuses on building inclusive opportunities, skills and ethical standards for beneficiary communities to build and use their own digital and AI risk information services locally. The team supports governments in identifying the disruptive opportunity of new data sources, connecting to global expert partners and earth observation sources, and developing holistic requirements for localizing new methods, transferring technology and building appropriate digital production models for risk management.
<u>Disaster Resilience Analytics & Solutions KSB</u>	Rashmin Gunasekera, Paolo Avner, Alvina Erman KM: Erika Vargas and Kerri Dione Cox	The Disaster-Resilience Analytics and Solutions KSB is a SWAT Team of highly skilled technical experts whose mission is to troubleshoot disaster risk and resilience challenges encountered by internal and external clients. The team also advises and collaborates with teams to develop tailored and innovative solutions. The aim: to develop replicable knowledge products and tools, foster partnerships and provide capacity building. Services focus on: Global Rapid Post Disaster Damage Estimations (GRADE) using disruptive technology, -Exposure modeling to quantify value of physical assets at the national and city level as well as for different sectors, -Mainstream disaster risk quantification including future climate related disaster scenario and innovations in cost benefit analysis of interventions, -Develop analytics on the socioeconomic benefits of resilience to disasters and climate-related risks.
<u>Disaster Risk Finance KSB</u>	Oliver Mahul, KM: Erika Vargas and Peijing Li	The Disaster Risk Finance team developed tools and instruments to help countries improve their financial resilience against climate and disaster risks, as part of the broader disaster risk management and climate change agenda. It implements sustainable and cost-effective financial protection policies and operations against natural hazards.

<u>Emergency Preparedness & Response</u>	Elif Ayhan & Elad Shenfeld, KM: Erika Vargas	The Emergency Preparedness and Response (EP&R) KSB offers consultation in the field of emergency management to design a practical and detailed strategy for resilience. Services focus on: -Technical and operational support to governments for developing proactive and systematic approaches for enhancing Emergency Preparedness and Response (EP&R) for disasters, increasing impacts of climate change and other shocks including disease outbreaks and pandemics,-Supporting governments assess and design comprehensive EP&R system improvements at central, local and provincial levels by conducting Lessons Learned Exercises (LLE) as an entry point and Ready2Respond (R2R) diagnostics as an investment planning tool, -Developing and disseminating knowledge products for mainstreaming EP&R in Bank operations, and mainstreaming risk information into EP&R, Enhancing Bank and government responses to the COVID-19 emergency and -Coordinating with global partnerships
<u>Hydromet Services & Early Warning Systems KSB</u>	Vladimir Tsirkunov, Makoto Suwa, Anna-Maria Bogdanova KM: Erika Vargas and Tetiana Shalkivska	The Hydromet Community of Practice aims to: (i.) provide a mechanism for sharing lessons and experiences from Bank operations involving hydromet modernization, weather, water and climate services and resilience; (ii.) share cutting edge thinking on this issue and foster a strong linkage between research and policy institutions with Bank operations; and (iii.) promote a culture of joint learning with our partner countries. Operates as a service center providing advisory and implementation support to government counterparts involved in the preparation and implementation of complex and innovative hydromet & early warning systems (EWS) projects It helps to develop and apply: -Best practices for design and implementation of hydromet investments, -Recommendations to improve sustainability of weather, climate and EWS programs and -Innovative business models for building partnerships with private sector and academia.
<u>Inclusive Disaster Risk Management (DRM) & Gender Equality KSB</u>	Zoe Trohanis, Mirtha Escobar KM: Erika Vargas	The primary objective of the Inclusive DRM & Gender Equality Knowledge Silo-Breaker (KSB) is to promote and facilitate knowledge sharing and collaborative problem solving among staff interested in making their DRM projects and programs more inclusive to different segments of society. The Inclusive DRM & Gender Equality line of work aims to address the heightened vulnerability of different social groups (e.g., women/girls and men/boys, people with disabilities, elderly, indigenous people, etc.) to ensure those marginalized are considered and prioritized in DRM activities -Provide support through knowledge and learning activities, monitoring, and technical assistance to help operationalize inclusive approaches to DRM, -Strengthen cross-sectoral collaboration to apply an intersectional lens to the gaps and opportunities for building resilience for all through citizen engagement and community participation.
<u>Nature-Based Solutions</u>	Brenden Jongman, Klaas de Groot, Ruth Tiffer-Sotomayor, Boris Ton Van Zanten, KM: Erika Vargas and Steven Alberto Carrion	Nature-Based Solutions is a cross-sectoral effort with a mission to increase investments in solutions that integrate and strengthen natural systems across regions and sectors. The Nature-based Solutions (NBS) line of work aims to scale up investments in nature-based approaches for climate resilience globally.

<p>Resilience Infrastructure KSB</p>	<p>Fred Pedroso, Paolo Avner, Jun Rentschler Co-lead, KM: Erika Vargas</p>	<p>The Resilient Infrastructure main objective is to mainstream DRM practices and scale up Resilient Infrastructure investments in Development Financing -Sectoral focus: Transport, Water and Sanitation & Energy, -Supporting platforms: Scientific and Technical knowledge: develop and share state-of-the-art practices for disaster and climate risk analysis and management of infrastructure, -Build partnerships to leverage best available technical support globally for governments pursuing resilience objectives related to their infrastructure planning and financing.</p>
<p>Safer Schools KSB</p>	<p>Fernando Ramirez Cortes, Carina Fonseca Ferreira, Enrique Alasino, KM: Erika Vargas and Nathalie Judith Tchorek</p>	<p>The Global Program for Safer Schools (GPSS) aims to boost and facilitate informed, large-scale investments for the safety and resilience of new and existing school infrastructure at risk from natural hazards, contributing to high-quality learning environments. The focus is primarily on public school infrastructure in developing countries. The Safer Schools line of work provides technical assistance to governments through in-country activities enabling them to design and implement safer school programs including recovery and reconstruction in post-disaster conditions. In-country technical assistance: -Rapid Diagnostics (3-6 months from initiation to completion): Mobilization of multi-disciplinary teams to identify the main factors that place school infrastructure at risk. This provides an opportunity to convene various stakeholders working on school infrastructure towards a common line of action. - Technical advice to governments and task teams in advisory services and analytics, and the preparation and implementation of school infrastructure projects, including large scale investment plans.</p>
<p>Urban Floods CoP</p>	<p>Jolanta Krisp-Watson and Zuzana Stanton-Geddes, KM: Erika Vargas</p>	<p>UF CoP is a global knowledge program aimed at making cities around the world more resilient to flooding by: SHARING operational and technical experience and solutions for advancing an integrated approach to urban flood risk management; SUPPORTING interactive collaboration and knowledge exchange through online and face-to-face events; FACILITATING access to cutting-edge knowledge, lessons learnt and practical experience; CONVENING a global network of stakeholders to enhance collective knowledge on integrated urban flood risk management.</p>

<u>Volcanic Resilience KSB</u>	Lizardo Narvaez Marulanda, Joaquin Toro and Rodrigo Donoso: KM: Erika Vargas	The KSB aims to strengthen resilience in volcanic areas to reduce the negative impact of volcanic disasters on communities, infrastructure and the economy of the countries. The KSB aims to strengthen resilience in volcanic areas to reduce the negative impact of volcanic disasters on communities, infrastructure and the economy of the countries. Its objectives are the following: -To enable knowledge transfer, collaboration and enhanced capacity on disaster risk management in volcanic areas to help the World Bank TTLs identify entry points for Bank support (financing, policy reform, advisory services). -To provide technical expertise to the World Bank Task Teams to promote the Resilient Recovery agenda in volcanic areas. -To inform Bank products such as SCDs, Country Notes, CPFs with tailor-made guidance on essential risk information and data.
<u>SUSTAINABLE CITY INFRASTRUCTURE & SERVICES</u>	Joanna Masic, Community Manager: Yuna Chun	The GSG aims to bring strategic focus, innovation, technical leadership and quality to the Bank’s analytics and financing of sustainable city infrastructure and services, and to make its team members better equipped to deal with operational work. This is achieved mainly through the GSG’s six KSBs and COPs.
<u>Culture, Heritage, and Sustainable Tourism KSB</u>	Ahmed Eiweida Community Manager: Diana Tatucu	Building on the inclusion of culture and heritage in the Sustainable Development Goals, the CHST KSB fosters knowledge sharing with a clear operational focus, connecting interested staff across Global Practices and externals, leveraging new IT tools and social media, with the objective of helping to identify cutting-edge solutions for the benefit of our clients. The KSB will integrate these practices into the World Bank agenda by elevating CHST to greater importance, sustainability and resilience. The Community aims to use the virtual space for knowledge exchange and discussion, and as a forum to share information and maintain contact between its members.
<u>Smart Cities KSB</u>	Narae Choi, Community Manager: Gunes Basat	The Smart Cities KSB aims to be the main conduit for cross-GP and CCSA collaboration within the Bank on smart cities. The KSB will facilitate dialogue to define smart cities and respond to the demand of clients and Bank project teams. The KSB will take stock of the Bank’s client engagements to date to promote smart cities and define a few strategic areas of focus, based on client demand, to advance the Bank’s support for smart cities. It develops a platform for curating smart city best practices and practical solutions and for making it accessible internally to the Bank operational teams, including a C4D page, list serve, and periodic membership meetings. Finally, it will facilitate knowledge sharing and dissemination on smart cities through blog posts, BBLs, knowledge notes, and smart city conferences and workshops.

Solid Waste Management KSB	Kremena Ionkova, Frank Van Woerden, Silpa Kaza Community Manager: Ibrahim Khan	The Solid Waste Management KSB is an opportunity to further learn from each other's and partner organizations' experiences and be at the forefront of solid waste management solutions for clients. The specific objectives that the KSB hopes to achieve are as follows: share experiences and resources to learn from waste projects across the WBG; further technical knowledge; strengthen projects by including the environmental, social, urban, gender sustainable financing, and climate perspectives and expertise when relevant; be aware of business development across the World Bank Group and coordinate when appropriate; and learn about latest innovations globally.
Transit-Oriented Development CoP	Felipe Targa, Shigeyuki Sakaki, Chyi-Yun Huang Community Manager: Borja Castro Lancharro	Transit-Oriented Development (TOD) involves integrating land use and transit planning to promote sustainable urban development forms. Done well, TOD advances environmental sustainability, economic development, and socially inclusive development. The TOD CoP (a joint initiative of URL GP and Transport GP) is intended to allow professionals working on TOD to share experiences across practice areas (specifically Urban Transport, Finance, Urban, Land and PPPs) and regions, and thereby improve business objectives through knowledge management and network development
Urbanscapes KSB	Jon Kher Kaw, Jessica Schmidt, Hyunji Lee Community Manager: Borja Castro Lancharro	The Urbanscapes KSB focuses on the topics of city planning, urban design and the leveraging of public spaces/public municipal assets in urban areas for livable outcomes. The KSB is a platform for the exchange of knowledge and expertise surrounding the issues of city livability and the role of public urban spaces and city assets in urban areas, which are also linked with city accessibility and walkability, mobility, innovation, economic vibrancy, safety and inclusion. Enhancing city assets and public urban spaces through better design, asset management and placemaking approaches allows cities to reimagine how everyday spaces, such as streets, sidewalks, open and green spaces, and public buildings, can start to transform the lives of citizens, neighborhoods and entire cities.
Climate Smart Cities CoP	Xueman Wang, Sandrine Boukerche, Alexandrina Platonova-Oquab, David Mason Community Manager: Yuna Chun	The Climate Smart Cities CoP aims to support cities and local governments transition to low-carbon and climate-smart urbanization pathways by: (i) leveraging technical, policy and financing expertise, (ii) strengthening cities' capacity to develop climate strategies, action plans and detailed analysis, and (iii) exploring diverse financing options for climate-smart investments. The CoP is jointly managed under the Sustainable City Infrastructure and Services GSG and Climate Change Advisory and Operations Unit (SCCAO) of the Climate Change Group.

<u>TERRITORIAL DEVELOPMENT & PRODUCTIVITY</u>	Mark Roberts, Nancy Lozano Gracia, Community Manager: Syed Salam	The Territorial and Spatial Development GSG leads a Bank-wide effort to develop spatial analytics, methodologies, and resources with the view to providing WBG clients with comprehensive solutions for poverty reduction and economic development within and across regions.
<u>Competitive Cities KSB</u>	Dmitry Sivaev, Jade Salhab Community Manager: Syed Salam	Competitive Cities KSB's aim is to facilitate (i) peer-to-peer knowledge exchange, and (ii) a talent marketplace. As a joint initiative, between Finance, Competitiveness and Innovation and URL GPs, we've found that task teams grappling with issues of sub-national competitiveness are looking for easier ways to identify the right resources and talent to help deliver to clients. Mostly these exchanges take place organically – over coffees, drinks, in BBLs, even project meetings. We'd like to help increase the opportunities for collision and help make these connections more effectively. We provide diagnostic tools for city economic analysis, technical assistance for strategy and implementation, as well as for project operational design.
<u>Data, Tools and Platforms</u>	Gayatri Singh, Olivia D'aoust, Vivien Deparday Community Manager: Syed Salam	The KSB is grounded in the acknowledgement that data is at the heart of strategic investment planning and efficient territorial development. This involves harnessing cutting-edge big data, innovative remote sensing-based products as well as the more established socio-economic data sources. It also involves the recognition that data dividends require a better understanding of how data interact with other factors such as institutions, capacity, and governance mechanisms. To this end, the KSB will not only offer knowledge leadership on innovative use of data for development challenges but will also strengthen the analog foundations of digital data and tools within the GP.
<u>Spatial Planning and Investment Prioritization KSB</u>	Fuad Malkawi, David Mason, Community Manager: Syed Salam	Spatial Planning and Investment Prioritization KSB focusing on promoting Spatial Planning as an integrated planning approach. We help teams and clients identify more efficient ways to locate investments geographically. Our services include analysis and policy design, assessment of sub-national planning systems, technical advisory to team, and training of WB staff and clients.
<u>Urban and Spatial Economics KSB</u>	Nancy Lozano Gracia, Mark Roberts, Community Manager: Syed Salam	The KSB focuses on i) raising the quality of urban & spatial economic analysis done within and for the GP for better informed policy dialogue and investment decision making; ii) becoming the conveyor belt bringing the frontier of economic tools in the field to ASAs, policy and investment operations; iii) Policy relevant economic analysis for developing country cities & processes of spatial economic development; and iv) breaking down barriers between urban & spatial economic analysis across GPs.

<u>URBAN POVERTY, INCLUSIVE CITIES AND HOUSING</u>	Community Manager: Gunes Basat	The Urban Poverty, Inclusive Cities and Housing GSG aims at fostering a community around key topics related to urban poverty and housing for: knowledge sharing, operational support, training activities, mentoring, and building partnerships across the World Bank Group and beyond.
<u>Affordable Housing CoP</u>	Catherine Lynch, Hazem Abdelfattah, Friedemann Roy, Community Manager: Diana Tatu	The Affordable Housing CoP is a community of practice that brings together a diverse group of staff and experts – from across the WBG and beyond – who are passionate about affordable housing and its relevance for development.
<u>Cities Migration and Forced Displacement KSB</u>	Makiko Watanabe, Karima Ben Bih, Community Manager: Gunes Basat	The Cities, Migration and Forced Displacement KSB will focus on knowledge and information sharing to facilitate coordination, documentation, of interventions on forced displacement impacts on cities and towns.
<u>Inclusive Cities KSB</u>	Narae Choi, Yuko Arai, Zheng Judy Zheng Jia, Community Manager: Gunes Basat	The Inclusive Cities Knowledge Silo Breaker (KSB) promotes an integrated approach to spatial, social, and economic inclusion within the cities. Spatial inclusion looks into improving access to affordable land, housing, services and public amenities for all. Economic inclusion aims to ensure economic opportunities for all to contribute to and share in increasing prosperity. Social inclusion is about improving the terms for individuals and groups to take part in society. All three dimensions are interlinked and mutually reinforcing. The objectives of the Inclusive Cities KSB are to enhance understanding of exclusions in cities and share ways to improve inclusion in urban areas through a multi-dimensional approach. In doing so, the KSB will focus on supporting operations, facilitating knowledge exchange and peer learning, and building a network among GPURL, cross-GP colleagues and external partners.
<u>Slum Upgrading KSB</u>	Phoram Shah, Mansha Chen, Community Manager: Diana Tatu	The Slum Upgrading KSB provides a platform for exchanging knowledge and experiences, responding to demands for operational support, identifying opportunities for scaling up operational responses, and capacity building for staff and clients.

