



Adaptation and Urban Resilience Study Trip in South Korea

organized by ICLEI East Asia Secretariat in collaboration
with Partnerships for Community Development (PCD)
and the China Environmental Grantmakers Alliance (CEGA)

Program Book

Seoul, Republic of Korea

December 8 ~ 14



Contents

Welcome to Seoul 3

Tour Program 5

Key Takeaways from Each Site 9

Program in Detail 12

Welcome to Seoul: A Vibrant Hub of Sustainability and Innovation

Dear Adaptation and Urban Resilience Study Trip in South Korea Participants,

Welcome to Seoul, a dynamic city where rich history harmonizes with cutting-edge technology and forward-thinking sustainability practices. As the capital of South Korea and home to over 10 million residents, Seoul is not only a bustling metropolis but also a global leader in urban resilience and climate action.



Winter in Seoul

During winter, Seoul experiences average temperatures ranging from **-5°C** to **5°C**, with occasional snow and icy conditions.

Humidity

Humidity levels are usually between **50%** and **70%**, creating a crisp and cold atmosphere

Wi-Fi & SIM Card

Seoul has widespread public Wi-Fi, available in many cafes, hotels, and public spaces

You can either buy a local SIM card at the airport or use roaming services with your international provider

Time Zone

Korea Standard Time (KST, UTC+9)

Voltage & Plugs

The electrical voltage is **220V, 60Hz**

The plugs used are of the **two-pin round type**

Currency

South Korean **Won (KRW)**

You can exchange money at the airport, banks, or use ATMs

ICLEI East Asia Secretariat

+82 (0)70-8857-0192

Emergency Services

Police: 112

Fire & Ambulance: 119

Local Hospitals

Seoul National University
Hospital: 02-2072-2114

Samsung Medical Center: 02-
3410-0210

Recommendations

Carry a Credit Card or Cash

While credit cards are widely accepted in Seoul, carrying some cash is helpful for smaller vendors, street markets, or public transportation

Dress for the Weather

December in Seoul is cold, with temperatures often below freezing. Warm coats, gloves, and scarves are recommended

Cautions

Do Not Smoke in Public Areas

Smoking is only allowed in designated smoking areas

Be Mindful When Taking Photos

In South Korea, personal privacy is highly valued. Please seek permission before photographing individuals in public spaces to ensure respect for their privacy

Note: Participants are encouraged to bring their own personal cups to promote sustainability and reduce single-use waste

Tour Program on:

Adaptation and Urban Resilience Study Trip in South Korea

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1. Background and Purpose

- **Duration:** December 8 (Sun) – 14 (Sat), 2024
- **Overview and Background**
 - ICLEI – Local Governments for Sustainability is a global network of more than 2,500 local and regional governments committed to sustainable urban development. The ICLEI East Asia Secretariat, based in Seoul, promotes policy exchanges and collaboration for sustainable urban development in the East Asian region.
 - Due to the growing demand for strengthening climate crisis response capacity and information sharing within Chinese civil society, ICLEI East Asia, in cooperation with PCD (Partnerships for Community Development), CEGA (China Environmental Grantmakers Alliance), and China's Ministry of Ecology and Environment, has planned a study tour focusing on climate change adaptation and resilience in Seoul, Suwon and Incheon.
 - This study tour will include expert lectures, field visits, and discussions to explore climate crisis response strategies and sustainable urban development.
- **Project Goals**
 - Strengthen the capacity on action for climate crisis of Chinese civil society and the Ministry of Ecology and Environment.
 - Promote international awareness of Seoul and other cities' urban vision for climate adaptation and resilience and its citizen participation policies.

- **Participants:** 15 individuals from Chinese civil society and government
 - **Government Officials:** 3 from the Ministry of Ecology and Environment of China
 - **Civil Society Representatives:** 12 individuals from organizations such as PCD, CEGA, The Amity Foundation, All-China Environment Federation (ACEF), Hubei province Changjiang Conservation Foundation (CCF), Guangdong Harmony Community Foundation, Shenzhen Mangrove Wetlands Conservation Foundation (MCF), Vanke Foundation, and the China Association for NGO Cooperation (CANGO).

2. Detailed Itinerary and Content

Day	Time	Category	Content	Note
12.8 (Sun)	-	Arrival	<ul style="list-style-type: none"> • Arrival and Transfer to Seoul • Check-In and Dinner 	Hotel Amid
12.9 (Mon)	10:00-12:10	Exchange Session	<ul style="list-style-type: none"> • Seongdaegol Energy Independent Village - Activities of the Village 	Dongjak Credit Union
	12:20-13:00	Lunch		
	13:00-14:30	Site	<ul style="list-style-type: none"> • Tour of the Village - A Virtual Power Plant - Conversion Center - Library, Daycare Center, Youth Housing 	Seongdaegol Energy Independent Village
	15:20-16:40	Orientation	<ul style="list-style-type: none"> • Introduction and Welcome Address • Overview of the Study Tour Schedule • Introduction to ICLEI's Activities 	ICLEI East Asia Secretariat
	17:00-18:00	Exchange Session	<ul style="list-style-type: none"> • Disaster and Safety Policy Division of Seoul Metropolitan Government (SMG) - Seoul's Work on Disaster Management and Safety; Q&A and Discussion 	Seoul Metropolitan City Hall
	18:30-20:00	Welcome Dinner		

Day	Time	Category	Content	Note
12.10 (Tue)	10:00-11:30	Exchange Session	<ul style="list-style-type: none"> • Climate and Environmental Policy Division of SMG (Citizens Committee for Green Seoul) - Introduction to Green Seoul's Work - Q&A and Discussion 	Seoul Metropolitan City Hall
	11:30-13:00	Lunch		
	13:30-15:00	Site	<ul style="list-style-type: none"> • Practical Case of Green Seoul - An Artificial Green Space under the Solar Panel of the Gongneung Youth Center 	Gongneung Youth Center for Cultural & Information
	15:00-16:30	Site	<ul style="list-style-type: none"> • Nowon Urban Farming Network: Urban Farming 	Cheonsu Urban Farm
12.11 (Wed)	09:30-11:00	Exchange Session	<ul style="list-style-type: none"> • UNDRR, Ministry of the Interior and Safety & Incheon Metropolitan City - Urban Resilience and Making Cities Resilient 2030 (MCR 2030) - Korean Early Warning System for Disaster Risk Reduction - Incheon's Commitment to DRR and MCR2030 Resilient Hub 	G-Tower, Incheon
	11:00-12:00	Site	<ul style="list-style-type: none"> • Incheon Metropolitan City & Smart City Operation & IFEZ Observatory 	G-Tower
	12:00-13:00	Lunch		
	13:20-14:00	Site	<ul style="list-style-type: none"> • Songdo City Waterfront 	
	14:30-16:00	Site	<ul style="list-style-type: none"> • Incheon Songdo Waste Incineration Plant 	
	16:40-17:20	Exchange Session	<ul style="list-style-type: none"> • Sewerage System in the Era of Climate Change (Incheon Environmental Corporation) 	G-Tower
12.12 (Thu)	10:00-10:30	Exchange Session	<ul style="list-style-type: none"> • Suwon City Hall - Suwon's Initiatives for Sustainable Development (Suwon Council for Sustainable Development) 	Suwon City Hall
	10:40-11:50	Site	<ul style="list-style-type: none"> • Gwanggyo Water Circulation Center 	
	12:10-13:10	Lunch		

Day	Time	Category	Content	Note
	13:20-14:40	Site	• Haenggung-dong EcoMobility Village	ICLEI Korea Office's guidance
	15:10-17:00	Site	• Suwon Climate Change Experience Center "Dodream"	Relevant Department
12.13 (Fri)	10:00-10:30	Exchange Session	• Mapo-gu District Office - Urban Farms and Citizen Participation for Urban Resilience	Economic Promotion Division
	10:40-11:30	Site	• Zero Waste Shop: Almang Market - Personal shopping time	
	11:40-13:50	Lunch		
	13:50-15:20	Site	• Jngrang Water Regeneration Center	SMG
	16:00-17:30	Exchange Session	• BigWave - Youth Engagement in Climate Action - Q&A and Discussion	Heyground
12.14 (Sat)	10:00-11:00	Site	• Cheonggye-cheon Seoul Walking Tour: Official Guided Tour Program	Seoul Facilities Corporation
	11:30-13:00	Closing Session	• Lunch & Closing Session: - Reflection and Certificate of Completion - Closing Remarks	ICLEI East Asia Secretariat
	13:30-	Departure	Departure to the Incheon International Airport	

Adaptation and Urban Resilience Study Tour in South Korea: Key Takeaways From Each Site

Location or organization	Key Focus	Website
Seongdaegol Energy Independent Village	Community-driven sustainability, solar energy generation, and energy independence	https://english.seoul.go.kr/creating-sharing-energy-energy-welfare-communities/
Seoul Metropolitan Government (SMG) Disaster and Safety Policy Division	SMG's disaster management strategies, and safety initiatives	https://safecity.seoul.go.kr/global/main/getSafetyPolicy.do
SMG Climate and Environmental Policy Division (Citizens Committee for Green Seoul)	Urban resilience, local community engagement, and environmental policies	https://ecoarchive.org/items/show/83863 (Korean Only) SMG's local act on establishment and operation of Green Seoul (Korean only, Link)
Solar Power Generators of Green Citizen's Committee (Gongneung Youth Center for Cultural & Information)	Renewable energy initiatives, youth involvement in sustainable energy projects	http://gycenter.or.kr/ (Korean Only)
UNDRR, Ministry of the Interior and Safety of Korea (MOIS); and Incheon Metropolitan Government	Disaster risk reduction strategies, urban resilience, and the Making Cities Resilient (MCR2030) campaign; Urban resilience effort on global, national and local levels	https://mcr2030.undrr.org/event/IDR_LF2024 https://mcr2030.undrr.org/ (Making Cities Resilient) MOIS https://www.mois.go.kr/eng/sub/a03/bestPractices1/screen.do Incheon https://www.undrr.org/news/incheon-city-first-resilience-hub-asia-pacific
Incheon Metropolitan City & Smart City Operations	Smart city development, technology-driven urban resilience, and early warning	https://www.incheonsmartcity.com/default/

Location or organization	Key Focus	Website
	systems for disaster management	
Songdo City Waterfront	Innovative water management solutions and sustainable urban planning	https://www.fez.go.kr/portal/en/photoDetail.do?boardSeq=69489
Incheon Songdo Waste Incineration Plant	Waste management, recycling systems, and energy recovery	https://ie.unc.edu/cleantech-story/designing-sustainable-cities-songdo/ (Mentions about waste management & recycling systems)
Suwon City Hall	Sustainable development initiatives, including urban planning and green infrastructure	https://www.iges.or.jp/sites/default/files/inline-files/2022%20Suwon%20SDG%20Report.pdf
Gwanggyo Water Circulation Center	Rainwater harvesting, water quality management, and sustainable water infrastructure	https://u.suwon.go.kr/water.do (Korean Only)
Haenggung-dong Eco-Mobile Village	Green transportation solutions, walkable urban designs, and sustainable community planning	https://sustainablemobility.iclei.org/ecomobility-alliance/suwon-rep-of-korea/
Suwon Climate Change Experience Center "Dodream"	Climate education, hands-on learning on energy saving, and sustainability awareness programs	https://smartcity.go.kr/wp-content/uploads/2024/10/k-smartcityeng.pdf Pg.116
Mapo-gu Economic Promotion Division	Urban farming initiatives, citizen participation, and resilience-building through local engagement	-
Zero-Waste Shop: Almang Market	Promotion of a zero-waste lifestyle, eco-friendly consumer habits, and community involvement	https://almang.net/ (Korean Only)
Jungrang Water Regeneration Center	Advanced water recycling, ecosystem restoration, and sustainable water management practices	https://www.seoulsolution.kr/en/content/2373 (Mentions about Jungrang Water Regeneration) Seoul Sewerage Science Museum https://sssmuseum.org/main

Location or organization	Key Focus	Website
BigWave	Youth-led climate action, advocacy, and community climate initiatives	https://www.bigwave4cc.org/ (Korean Only)
Cheongyecheon Stream Walking Tour	Urban restoration, public space revitalization, and environmental conservation efforts	https://english.seoul.go.kr/cheonggyecheon-stream-3/

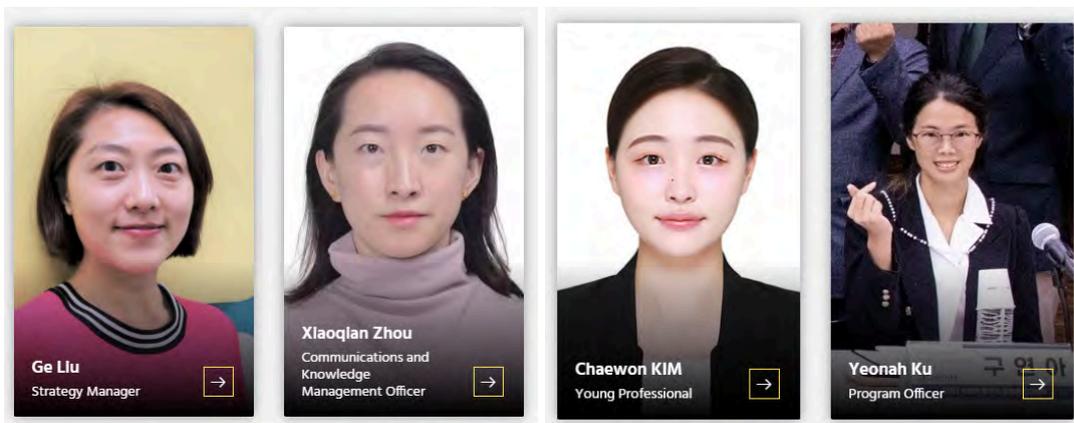
Program in detail

Prepared by Chaewon and Yeonah

12.08 (Sun), Meet the ICLEI East Asia Secretariat

Welcome to Seoul. Let us introduce ourselves.

From left to right,
Ge Liu, Strategy Manager;
Xiaoqian Zhou, Communication Officer;
Chaewon Kim, Young Professional; and
Yeonah Ku, Program Officer



We will guide and co-learn with you throughout Days 1 to 7, exploring the meaning of climate action and urban resilience together.

12.09 (Mon), Seoul Metropolitan City

<10:00 - 14:30>

1. Seongdaegol Energy Independent Village

Seongdaegol Energy Independent Village is a community-driven energy self-sufficient village located in Dongjak District, Seoul. This initiative enhances energy independence through energy efficiency and renewable energy generation efforts. Key activities include:

- Conducting home renovations to improve energy performance.
- Installing mini solar panels on rooftops and balconies.
- Equipping 40% of local shop association stores with solar power systems.
- Operating an "Energy Supermarket," which sells energy-saving products.
- Establishing environmental clubs in local schools to educate children about energy and environmental issues.

Seongdaegol Energy Independent Village was selected as a flagship project under the "One Less Nuclear Power Plant" initiative announced by former Seoul Mayor Park Won-soon in May 2012. Its representative, Kim So-young, co-founded the Village Dot Salim Energy Cooperative in 2013 to further its mission.

This pioneering model demonstrates how local efforts can contribute to sustainable urban energy solutions and empower communities to address energy challenges effectively.

- We are going to meet **Ms. Soyoung Kim** from the Seongdaegol Energy Cooperative.
- We are going to visit Dongjak Credit Union; A virtual power plant; Seongdaegol Conversation Center; Library; Daycare Center; and Youth Housing.

<15:20-16:40>

2. ICLEI - Local Governments for Sustainability

- ICLEI is a global network of over 2,500 local and regional governments committed to sustainable urban development. Founded in 1990, ICLEI aims to drive local climate and sustainability actions worldwide.
- It works through its Five Pathways: zero emission, nature-based, equitable, resilient and circular development

- ICLEI operates through 24 secretariats and offices globally and has members from 131 countries.

ICLEI East Asia Secretariat

The ICLEI East Asia Secretariat, based in Seoul, South Korea, serves local governments in China, Japan, Korea, and Mongolia, with a membership of 118 local governments across the region. Its core team consists of professionals with expertise in sustainability and urban planning. This office focuses on climate action, carbon neutrality, resilience, and fostering collaboration among East Asian cities to accelerate sustainable urban development. ICLEI East Asia Webpage: <https://eastasia.iclei.org/>

- We are going to meet: **Mr. Shu Zhu**, Regional Director;
Ms. Ge Liu, Strategy Manager;
Ms. Xiaoqian Zhou, Communication Officer;
Ms. Chaewon Kim, Young Professional; and
Ms. Yeonah Ku, Program Officer from ICLEI East Asia Secretariat.

<17:00-18:00>

3. Disaster and Safety Policy Division of Seoul Metropolitan Government (SMG)

These are the responsibilities of the Division:

- Formulating safety policies such as the Urban Safety Master Plan and response plans for emerging disasters, and conducting prior reviews of disaster safety budgets.
- Managing crisis management manuals, and organizing training and educational programs to prepare for disaster scenarios.
- Administering the Disaster Management Fund, developing plans for stockpiling and managing disaster management resources, and overseeing the operation of citizen safety insurance.
- Conducting disaster safety audits and ensuring coordination and cooperation with the Fire and Disaster Headquarters, district offices, and other relevant organizations during disasters.

At this session,

- We are going to meet **Division Manager; Team Manager;** and **Mr. Taehyeon Hwang**, Officer from the Disaster and Safety Division of SMG.

12.10 (Tue), Seoul Metropolitan City

<10:00 - 11:30>

1. Citizens Committee for Green Seoul (with its responsible division, the Climate and Environmental Policy Division from SMG)

Overview:

The Citizens' Committee for Green Seoul is committed to enhancing urban resilience and promoting sustainability through active local engagement.

- Established by a municipal ordinance of the Seoul Metropolitan Government, the committee comprises 100 experts from various fields, including civic groups, professionals, entrepreneurs, journalists, legal experts, youth, and city council members.
- This collaborative initiative brings together citizens, environmental experts, and local government officials to tackle climate change and strengthen the city's capacity to face environmental challenges.
- **The Climate and Environmental Policy Division's Governance Practice Team** at Seoul City Hall serves as the committee's dedicated administrative body, supporting its efforts to drive impactful environmental initiatives.

Urban Resilience Initiatives:

- Strengthening Seoul's climate resilience through green space expansion, urban infrastructure improvements, and disaster preparedness.
- Reducing vulnerability to natural disasters and enhancing the city's ability to adapt to climate change.

Local Engagement and Participation:

- Encouraging citizen involvement in environmental decision-making and sustainable projects.
- Initiatives include tree planting, waste reduction, and climate education programs to empower residents.

Sustainability Goals:

- Supporting eco-friendly urban living aligned with the Seoul Metropolitan Government's sustainability vision.

- Promoting waste management, energy efficiency, and sustainable mobility options.
- Raising public awareness and engaging local communities in climate action.

We are going to meet:

- **Ms. Minhee Ju**, Governace Practice Team Manager,
Mr. Seunghan Lee, Officer;
Ms. Heeseon Shim, Officer;
In Choi, Officer;
Ms. Yewon Jeong, Officer; and
Mr. Jiwon Jang, Officer from the Climate and Environmental Policy Division;
- **Mr. Seunguk Han**, Officer from Green Seoul;
- **Dr. Kwon Jeong**, Professor, Kunkuk University (also a member of Green Seoul);
and
- **Mr. Seonghwan Min**, Co-president, Ecological Conservation Citizens' Meeting
(also a member of Green Seoul)

<13:30 - 15:00>

2. Gongneung Youth Center for Cultural & Information

Address: Gongneung Youth Center, Seoul, South Korea

The Gongneung Youth Center for Cultural & Information is dedicated to providing a space for youth development and promoting sustainability. The center integrates environmentally-friendly practices and focuses on educating the next generation about climate action.

Solar Power Generators by The Seoul Green Citizens' Committee:

- As part of their sustainability efforts, the center has implemented solar power generators supported by the Seoul Green Citizens' Committee.
- These solar installations help reduce the center's carbon footprint and promote renewable energy use.
- The project aims to educate youth about the importance of clean energy and environmental responsibility.

<15:00 - 16:30>

3. Nowon Urban Farming Network: Urban Farming Sites

Address: Cheonsu Community Garden, Nowon-gu, Seoul, South Korea

The Nowon Urban Farming Network promotes sustainable urban agriculture and strengthens community bonds through its urban farming initiatives. The Cheonsu Community Garden is a key site that exemplifies the network's efforts to transform urban spaces into productive and eco-friendly areas.

Urban Farming and Sustainability:

- The garden supports local food production, helping to reduce food miles and promote eco-friendly lifestyles.
- It enhances biodiversity and green space in the city while encouraging sustainable land use practices.

Community Engagement:

- The network organizes workshops, seasonal farming activities, and educational programs to engage residents in urban agriculture.
- It fosters community cooperation and empowers citizens to take part in sustainable food systems and environmental stewardship.

The Nowon Urban Farming Network serves as a model for integrating agriculture into the urban landscape, contributing to both ecological and social sustainability.

Additional information:

Gangseo Ecological Landscape Conservation Area (Gangseo Wetland Ecological Park)

Address: Gangseo Wetland Ecological Park, Gangseo-gu, Seoul, South Korea

** Note: This site was considered as one of the potential locations for a visit. However, due to the winter season and limited time, we are instead providing you with this information for your reference.

The Gangseo Ecological Landscape Conservation Area, also known as Gangseo Wetland Ecological Park, is a vital urban wetland designed to conserve biodiversity and provide a natural sanctuary in the city.

Ecological Conservation and Urban Resilience:

- The park serves as an important green space for wildlife, offering habitats for various plant and animal species.
- The park is actively involved in conservation efforts, such as wetland preservation, water purification, and biodiversity protection, while contributing to urban resilience by improving flood control and air quality.

Local Engagement and Education:

- Gangseo Wetland Ecological Park also functions as an educational space, offering programs to raise awareness about environmental issues, biodiversity, and climate change.
- It encourages local residents and visitors to engage with nature through guided tours, workshops, and environmental education initiatives.

12.11 (Wed), Incheon Metropolitan City

<10:00 - 11:30>

1. Urban Resilience at Global, National and Local levels (at UNDRR ONEA)

Here, we are going to listen to urban resilience at global, national and local levels. The presenters will be three organizations; the Office for Northeast Asia of the United Nations Office for Disaster Risk Reduction (UNDRR ONEA), the Ministry of Interior and Safety of the Republic of Korea and Incheon Metropolitan Government.

Each presentation will be 30 minutes long including the translation time and QnA. The presentation topics are like this following:

- Welcome and introduction from UNDRR (urban resilience and Making Cities Resilient 2030); Ms. Daria Mokhnacheva, Programme Management Officer, UNDRR ONEA&GETI
- Korean Early Warning System for Disaster Risk Reduction; Mr. Hyunjoon (James) Jang, Ministry of the Interior and Safety
- Incheon City's presentation: Incheon's commitment to DRR and MCR2030 Resilient Hub; Ms. Sung Ah (Susan) An, Deputy Director, Incheon Metropolitan City

UNDRR

The United Nations Office for Disaster Risk Reduction (UNDRR) is a specialized office within the United Nations Secretariat that coordinates international efforts to reduce disaster risks and build resilience. It was established in 1999 and serves as the focal point for the implementation of the Sendai Framework for Disaster Risk Reduction (2015-2030). UNDRR works with countries, organizations, and other stakeholders to develop strategies and policies aimed at minimizing the impacts of natural and human-made hazards.

UNDRR ONEA and GETI

The UNDRR ONEA (Office for Northeast Asia) and Global Education and Training Institute (GETI), based in Incheon, South Korea, focuses on supporting disaster risk reduction efforts in Northeast Asia. It also leads capacity-building initiatives globally through training and knowledge-sharing programs. ONEA serves as a regional hub, providing technical assistance and promoting collaboration among governments and organizations in the region, while GETI develops educational tools and workshops to advance the implementation of disaster risk reduction measures worldwide.

MOIS

The Ministry of the Interior and Safety (MOIS; 行政安全部) is a branch of the Government of South Korea. The headquarters are in Sejong City. It is responsible for national administration, management of government organizations, and e-government. Furthermore, it supports local governments in terms of local administration, finance, and regional development to promote greater local autonomy.

Incheon as MCR2030 Resilience Hub

Incheon City was designated as a Resilience Hub under the Making Cities Resilient 2030 (MCR2030) initiative in November 2021, a recognition of its leadership in disaster risk reduction and resilience-building efforts. As a Resilience Hub, Incheon serves as a regional role model, advancing urban sustainability and sharing expertise through training programs, workshops, and partnerships. Its collaboration with the UNDRR ONEA-GETI office, headquartered in Incheon, enhances its capacity to foster knowledge exchange and practical resilience strategies. This designation underscores the city's commitment to innovative disaster preparedness, climate adaptation, and inclusive urban planning, inspiring other cities to strengthen their resilience against global challenges.

- We are going to meet:
 - Ms. Daria Mokhnacheva**, Programme Management Officer, UNDRR ONEA&GETI;
 - Mr. Hyunjoon (James) Jang**, Ministry of the Interior and Safety; and
 - Ms. Sung Ah (Susan) An**, Deputy Director, Incheon Metropolitan City Government

<11:00 - 16:00>

2. Visiting sites in Incheon

Incheon Free Economic Zone (IFEZ) Observatory

The IFEZ Observatory offers panoramic views of the Incheon Free Economic Zone, showcasing its cutting-edge urban development and sustainability efforts. It highlights the achievements of IFEZ as a global hub for business and innovation.

IFEZ's Smart City Integrated Operation Center

The Smart City Integrated Operation Center manages IFEZ's urban systems through real-time data and technology. It oversees traffic, public safety, and energy efficiency, demonstrating advanced smart city solutions.

Songdo Waterfront

The Songdo Waterfront enhances Songdo's environment and quality of life with eco-friendly waterways, walkways, and leisure spaces, reflecting its commitment to green urban design.

Incheon Songdo Waste Incineration Plant

The Songdo Waste Incineration Plant efficiently converts waste into energy using advanced, eco-friendly technologies, supporting sustainable waste management and energy production.

<16:40 - 17:20>

3. Incheon Environmental Corporation (at UNDRR ONEA)

Incheon Environmental Corporation is a local public corporation responsible for managing and operating Incheon Metropolitan City's wastewater treatment plants, waste incineration facilities, food waste recycling facilities, and public livestock manure treatment facilities.

Mr. Gyewoon Choi, President, Environmental Corporation of Incheon will give a presentation on "Incheon Environmental Corporation Sewerage System in the Era of Climate Change" for this session.

12.12 (Thu), Suwon Special City

<9:30 - 12:00>

1. Suwon's Initiatives For Sustainable Development

Address: 138, Gwongwang-ro, Paldal-gu, Suwon-si, Gyeonggi-do

Suwon Special City prioritizes a balance between environmental, economic, and social aspects in pursuing sustainable development.

- **Environmental Policies:**
Suwon implements initiatives such as urban forest creation, air pollution reduction measures, renewable energy expansion, and eco-friendly transportation systems to achieve carbon neutrality.
- **Social Inclusion:**
The city focuses on supporting vulnerable populations, ensuring equal access to education, and fostering resident-led governance for a sustainable society.
- **Economic Sustainability:**
Efforts include promoting small businesses, fostering green industries, and establishing circular economy systems.

Suwon has also adopted the “**Suwon Sustainable Development Goals**” (Suwon SDGs) tailored from the UN SDGs, driving numerous citizen participation programs to support these objectives.

- We are going to meet:
Ms. Mia Oh, Officer from Climate Energy Division; **Team Manager** and **Division Manager** from Suwon Special City; and
Mr. Jongah Park, Director from Suwon Council for Sustainable Development

2. Gwanggyo Water Circulation Center

Suwon City operates rainwater harvesting and recycling facilities as part of its water circulation strategy.

- **Key Facilities:**
 - **Rainwater Storage and Recycling Systems:** Installed in parks, schools, and public buildings to collect and reuse rainwater for car washing, landscaping, and other non-potable purposes.

- **Water Circulation Information Center:** Offers educational and hands-on programs to improve public understanding of rainwater management.

<13:20 - 14:40>

3. Haenggung-dong EcoMobility Village

Overview:

The Haenggung-dong EcoMobility Village was established during the 2013 EcoMobility World Festival, a car-free and environmentally friendly transportation area, created by the city of Suwon. The festival was co-hosted by Suwon City, ICLEI, and UN Habitat.

- We are going to meet: **Ms. Yeonhee Park**, Regional Director; and **Mr. Kwangwon Kim**, Team Manager from ICLEI Korea Office

Key Features:

- **Car-Free Zone:** During the festival, cars were restricted, and only walking and eco-friendly transport modes were allowed.
- **Eco-Friendly Transport Infrastructure:**
 - Bicycle rental stations
 - Electric scooters and kickboards
 - Shared electric vehicle charging stations
- **Community-Driven Projects:**

Residents actively participated in the planning process and continue to promote a culture of eco-mobility.

<15:10 - 17:00>

4. Suwon Climate Change Experience Center "Dodream"

Address: 46-38, Homaesil-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, South Korea

Overview:

Dodream is an interactive space focused on educating citizens, especially children and youth, about climate change and sustainability.

- We are going to meet: **Ms. Seonggyeong Choi**, Director; and **two guides** from the Suwon Climate Change Experience Center "Dodream"

Key Features:

- **Hands-on Activities:**
 - Solar power generation experiments
 - Energy efficiency demonstrations
 - Climate change response games and simulations
- **Exhibition Spaces:**
 - Visual displays explaining the causes and impacts of climate change
 - Models and tools promoting sustainable lifestyles
- **Educational Seminars and Workshops:** Programs tailored for teachers and parents

12.13 (Fri), Seoul Metropolitan City

<10:00 - 10:30>

1. Urban Farming in Seoul (at Mapo-gu District Office)

The Seoul Metropolitan Government actively promotes urban agriculture by utilizing spaces like abandoned land, rooftops, and yards for gardens where citizens can grow safe food and experience the joy of farming. This initiative has fostered community-building, with residents forming agricultural groups to grow crops, cook meals, and donate their harvests. Seoul envisions urban agriculture as inclusive and citizen-driven, gathering input from diverse stakeholders and providing strong support to encourage participation. Educational expos and festivals are held to raise awareness and embed urban agriculture into daily life through hands-on experiences. Beyond personal benefits, urban farming addresses environmental challenges like global warming, helping restore ecosystems and improve urban living environments. These efforts aim to integrate sustainable agriculture into the city's lifestyle and environmental strategies.

- We are going to meet:
The **Division Manager** of the Economy Promotion Division of Mapo-gu District of SMG;
Animal Policy **Team Manager** of the Economy Promotion Division of the District;
and
Mr. Yunhyeok Lee, Officer from the Economy Promotion Division of the District.
- Since it's winter time, all the 2024 urban farming projects in Mapo-gu are over; but we'll see a small scale smart farm in the district and; the District Office will build a bigger scale smart farm in 2025.

<10:40 - 11:30>

2. Almang Market

Seoul's zero waste initiatives focus on encouraging eco-friendly consumption and reducing waste through easily accessible resources. The city provides a Smart Seoul Map, featuring over 70 zero waste cafés, refill stores, and eco-friendly markets. These stores aim to minimize disposable products and offer packaging-free or refillable items.

At Almang Market, you can buy daily essentials such as toothpaste, toothbrushes, soap, straws, and chopsticks. Liquid products can be stored in customers' own containers or reusable ones.

<13:50 - 15:20>

3. Jurang Water Regeneration Center

The Jungnang Water Regeneration Center, established in 1976, is South Korea's first wastewater treatment plant. It processes and purifies 1.59 million tons of wastewater and sewage daily from northeastern Seoul and parts of Uijeongbu, releasing the treated water into the Jungnangcheon stream. Seoul operates four water reclamation centers, with Jungnang and Nanji located north of the Han River, and Tanchon and Seonam south of it.

- We plan to meet: **Ms. Eunju Song**, Assistant Curator of Jungrang Water Regeneration Center.
- We are going to visit both the Seoul Sewer Science Museum and the wastewater treatment facilities operated by the Jungnang Water Reclamation Center.

<16:00 - 17:30>

4. BigWave

Big Wave is an NGO that empowers young people to take the lead in addressing the climate crisis. The organization defines "youth" not strictly by age but as individuals who, regardless of their age, actively question and seek solutions to the challenges posed by the climate crisis. Big Wave focuses on fostering a society where such proactive engagement drives meaningful climate action.

We are going to meet: **Ms. Harin Won** from Big Wave

12.14 (Sat), Seoul Metropolitan City

<10:00 - 11:00>

1. Cheonggyecheon Walking Tour

Address: Cheonggyecheon-ro, Jongno-gu, Seoul

Overview:

The Cheonggyecheon Walking Tour offers a glimpse into Seoul's transformative urban regeneration project, which has become a symbol of sustainable development and environmental conservation in the heart of the city.

Key Features:

Environmental Revitalization:

- **Restoration of Ecosystems:** Revitalized urban stream with improved biodiversity, supporting native flora and fauna.
- **Water Management:** Features advanced water circulation systems, including rainwater collection and filtration, ensuring a continuous water flow while minimizing waste.
- **Air Quality Improvement:** Green spaces along the stream reduce urban heat and improve air quality, creating a pleasant urban environment.

Cultural and Historical Significance:

- **Heritage Conservation:** Maintains and showcases historical relics and bridges, linking the city's past and present.
- **Community Engagement:** Regular cultural events and art installations along the stream enhance public access and appreciation.

Social and Economic Benefits:

- **Tourism Boost:** Attracts millions of visitors annually, contributing to the local economy.
- **Accessible Urban Space:** Provides a recreational area for residents and visitors, promoting inclusivity and well-being.
Guided tours and informational plaques along the pathway provide insights into sustainable urban design, water management, and the history of the restoration process.

Through the Cheonggyecheon Walking Tour, participants can experience firsthand how Seoul has successfully balanced urban development with environmental conservation, creating a blueprint for sustainable cities.

2. Cheonggyecheon Wildlife

1. Mallard



2. Great Egret & Little Egret



3. Grey Heron



오마이뉴스 (2018), <https://omn.kr/11221>

4. Chestnut-headed Tesia



5. Mandarin Duck



Male & female (Source: Jungdo Daily)

6. Kingfisher



7. Paddyfield Pipit



8. Common Pochard



9. Carp



10. Cabbage White Butterfly



11. Ground Beetle



12. Korean Tree Frog



13. Chinese Pond Turtle



14. Yellow Iris



15. Tawny Daylily





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