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**PROGRAMME**

**The 17th Annual Session of**

**Global Forum on Human Settlements**

**&**

**Sustainable Cities And Human Settlements**

**Awards Ceremony**

**(GFHS 2022)**

**Theme:**

**Together for a shared safer and greener urban future:  
resilient, carbon-neutral and nature-positive cities**

**Date: December 15 - 16, 2022**

**Format: Online Forum+ Live Streaming**

## **Co-organized by**

Global Forum on Human Settlements (GFHS)

World Meteorological Organization (WMO)

United Nations Conference on Trade and Development (UNCTAD)

United Nations Centre for Regional Development (UNCRD)

United Nations Economic Commission for Africa (UNECA)

Stockholm Environment Institute (SEI)

International Union for Conservation of Nature (IUCN)

## **In Collaboration With**

United Nations Economic and Social Commission in Asia and the Pacific (ESCAP)

Food and Agriculture Organization of the United Nations (FAO)

United Nations Development Programme (UNDP)

United Nations Office for Disaster Risk Reduction (UNDRR)

United Nations Industrial Development Organization (UNIDO)

United Nations University (UNU) African Development Bank (AfDB)

UNEP Finance Initiative (UNEP-FI) World Economic Forum (WEF)

World Wildlife Fund (WWF) Swedish Energy Agency (SEA)

International Ocean Institute (IOI) World Ocean Council (WOC)

International Science Council (ISC) Habitat For Humanity International (HFHI)

Global Buildings Performance Network (GBPN)

World Association of Non-Governmental Organizations (WANGO)

Carbon-Neutral Industry Cooperation Center, China Energy Research Society (CERS-CNICC)

(In no particular order)

## **ZOOM Meeting ID and Live Streaming Channels**

1. There are 6 parallel sessions at this year's forum, so two rooms will be opened up.
2. All plenary sessions and parallel session A will be taking place on Room A.
3. Parallel session B will be on Room B.
4. Please refer to the following agenda for more details.
5. Participate either by opening your Zoom software with respective Zoom ID and passcode, or by clicking the link below to enter the respective meeting room.

### **Room A**

#### **Invite Link:**

<https://us02web.zoom.us/j/83321354911?pwd=c1o3M0RSeUxLUmNTNmG0YlI1bjYyZz09>

**Meeting ID: 833 2135 4911**

**Passcode: 351225**

### **Room B**

#### **Invite Link:**

<https://us02web.zoom.us/j/83227207788?pwd=UU9rVnQ2MStzR3NDTjRXakQ4L1NXQT09>

**Meeting ID: 832 2720 7788**

**Passcode: 586633**

6. The forum will be live streamed on YouTube with two sections:

**Watch live 1:** Plenary Sessions, Parallel Session A and Awards Ceremony

<https://youtu.be/148-6gCa8qU>

**Watch live 2:** Parallel Session B

<https://youtu.be/pBWNG27RQMI>

**Day 1: 15 December 2022, Thursday**

| Central European Winter Time/ZOOM | Main Activity  | Leading Organization |
|-----------------------------------|--|----------------------|
| 07:00-08:00<br>Room A             | Opening Session  | Co-organizers        |
|                                   | <p><b>Moderator:</b> Dr. Stefan Uhlenbrook, Director of Hydrology, Water and Cryosphere at the World Meteorological Organization (on behalf of Dr. Elena Manaenkova, Deputy Secretary-General, WMO)</p> <ul style="list-style-type: none"> <li>◆ Ambassador Anwarul K. Chowdhury, Chairman of Global Forum on Human Settlements, Former UN Under-Secretary-General and High Representative</li> <li>◆ Prof. Petteri Taalas, Secretary General, World Meteorological Organization</li> <li>◆ Simon Stiell, Executive Secretary, The United Nations Framework Convention on Climate Change (video message)</li> <li>◆ Kazushige Endo, Director, United Nations Centre for Regional Development</li> <li>◆ Dr. Stefanos Fotiou, Director, Office of Sustainable Development Goals, Food and Agriculture Organization of the United Nations</li> <li>◆ Huang Shaozhong, Director, China Energy Research Society-Carbon Neutral Industry Cooperation Center, former Director of Northwest China Energy Regulatory Bureau of National Energy Administration, China</li> <li>◆ Dr Radhika Murti, Director, Centre for Society and Governance, International Union for Conservation of Nature</li> </ul> |                      |
| 08:10-09:40<br>Room A             | <p align="center"><b>Keynote Speech</b></p> <p align="center"><b>A safer and greener urban future:<br/>resilient, carbon-neutral and nature-positive cities</b></p>  | Co-organizers        |
|                                   | <p><b>Moderator:</b> Arab Hoballah, Senior Sustainability Expert, former Chief, Sustainable Consumption and Production, UNEP</p>   |                      |

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|   | <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Prof. Jan Gehl, renowned architect, urban planner and designer, founder and senior advisor of Gehl Architects<br/><i>Topic: Cities for People</i></li> <li>◆ Prof. Zhang Yuqing, former Deputy Director General of the National Energy Administration of China<br/><i>Topic: China's policies and actions to achieve the goal of carbon peak and carbon neutrality</i></li> <li>◆ Zhou Xiaoxin, Academician of Chinese Academy of Sciences and Honorary President of China Electric Power Research Institute (video message)<br/><i>Topic: New-type power system: flexibility and resilience challenges and responses</i></li> <li>◆ Tareq Emtairah, Director, Department of Energy, United Nations Industrial Development Organization (UNIDO)<br/><i>Topic: Technologies and engineering pathways to net-zero</i></li> <li>◆ Liu Ke, renowned energy expert, academician of the Australian National Academy of Engineering, President, Clean Energy Research Institute, Southern University of Science and Technology, China<br/><i>Topic: Energy transition and carbon neutrality</i></li> <li>◆ Marco Lambertini, Director General, WWF International (video message)<br/><i>Topic: Nature-positive cities for people and nature</i></li> </ul> |                   |
| <p><b>09:50-11:20</b><br/><b>Room A</b></p> | <p><b>High-level Dialogue</b><br/><b>Sustainable Urban Food Systems for SDGs Acceleration</b></p>  | <p><b>FAO</b></p> |
|   | <p>Moderator: Kostas Stamoulis, Senior Adviser, Food and Agriculture Organization of the United Nations (FAO)</p> <hr/> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>◆ Máximo Torero, Chief Economist, Food and Agriculture Organization of the United Nations (FAO)</li> <li>◆ Roberta Sonnino, Professor, University of Surrey</li> <li>◆ Andrea Magarini, Food Policy Director, City of Milan, Italy</li> <li>◆ Shulang Fei, Research Scientist, Institute of Urban Agriculture, Chinese Academy of Agricultural Sciences</li> <li>◆ James Njoroge Muchiri, Deputy Governor of Nairobi, Kenya</li> <li>◆ Dr. Jane Battersby, Associate Professor, University of Cape Town &amp; African Centre for Cities</li> </ul>   |                   |

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| <b>12:00-13:30</b><br><b>Room A</b> | <p style="text-align: center;"><b>Mayors Panel</b></p> <p style="text-align: center;"><b>Local leadership towards a safer and greener urban future</b></p>  | <p style="text-align: center;"><b>UNESCAP</b></p> |
|                                     | <p><b>Moderator:</b> Curt Garrigan, Chief, Sustainable Urban Development Section, Environment and Development Division, UNESCAP</p> <hr/> <p><b>Keynote Address:</b> Datuk Seri Mahadi Che Ngah, Mayor of Kuala Lumpur, Malaysia</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>♦ Ms. Stephanie Uy-Tan, City Councilor, Catbalogan City, Philippines</li> <li>♦ Dr. H. Maulana, Vice Mayor of Jambi City, Indonesia</li> <li>♦ Mr. Ismail Rafeeq, Mayor, Fuvahmulah, Republic of Maldives</li> <li>♦ Mrs. Julinda Dhame, General Director of Environment and Sustainable Development, City of Tirana, Albania</li> <li>♦ Mr. Jonatas Randal da Silva, Municipal Secretary, Innovation and Technology Center (CIT), Barueri City, Brazil</li> </ul> <p><b>Q&amp;A</b></p> |   |

**Day 2: 16 December 2022, Friday**

| <b>Central European Winter Time/ZOOM</b> | <b>Main Activity</b>   | <b>Leading Organization</b>                   |
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| <b>07:00-08:30</b><br><b>Room A</b>      | <p style="text-align: center;"><b>Parallel Session 1A</b></p> <p style="text-align: center;"><b>Water's role in early warning systems: harnessing integrated water resources management to provide early warnings for all</b></p>  | <p style="text-align: center;"><b>WMO</b></p> |
|  | <p><b>Moderator:</b> Maria Kosonen, Coordinator of Members and Activities of the Water and Climate Coalition, WMO</p> <hr/> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>♦ Dr. Stefan Uhlenbrook, Director of Hydrology, Water and Cyrosphere, WMO</li> <li>♦ Dr. Firas Aljanabi, Coordinator of the Global Water and Climate Adaptation Centre, Dresden University of Technology, Germany</li> <li>♦ Mr. Henrik Larsen, Senior Water Resources Management Specialist, DHI Water and Environment, Denmark</li> <li>♦ Dr Sulagna Mishra, Scientific Officer, World Meteorological Organization</li> </ul> |   |

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|                               | <p><i>Topic: Global State of the Water Report findings and HydroSOS for IWRM and EWS</i></p> <ul style="list-style-type: none"> <li>♦ Dr. Marco Massabo, Programme Director, CIMA Research Foundation, Italy</li> </ul> <p><b>Q&amp;A</b></p>  |              |
| <b>07:00-08:30<br/>Room B</b> | <p align="center"><b>Parallel Session 1B</b></p> <p align="center"><b>Sustainable waste management for circular economy and zero-waste cities</b></p>  | <b>UNCRD</b> |
|                               | <p><b>Moderator:</b> Choudhury Rudra Charan Mohanty, Coordinator of Environment Programme, UNCRD/DSDG-UN DESA</p> <hr/> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>♦ Dr. René Van Berkel, United Nations Industrial Development Organization (UNIDO) Representative, Regional Office in India<br/><i>Topic: Means of empowering SMEs towards transitioning to circular economy</i></li> <li>♦ Dr. (Anthony) Shun Fung CHIU, Distinguished Full Professor and Research Fellow, Gokongwei College of Engineering, De La Salle University, Manila<br/><i>Topic: Eco-cities towards zero waste societies</i></li> <li>♦ Dr. Heinz Schandl, Senior Science Leader, CSIRO Environment, Canberra, Australia<br/><i>Topic: Australia's effort to transition to a net-zero circular economy: opportunities and challenges for cities and regions</i></li> <li>♦ Dr. K. Jim Jem, Research Fellow, Ningbo Institute of Materials, Chinese Academy of Sciences, PR China<br/><i>Topic: BioPlastics for our Cleaner Earth</i></li> <li>♦ Dr. Mangesh Gupte, Chief Operating Officer, Action Alliance for Recycling Beverage Cartons (AARC), India<br/><i>Topic: Circular economy towards achieving smart, resilient, and sustainable cities – case of India</i></li> <li>♦ Prof. Sadhan Kumar Ghosh, President, International Society of Waste Management, Air and Water (ISWMAW) and IPLA – a SDG Partnership, India<br/><i>Topic: Circular economy and reduction of plastics waste - cases and best practices</i></li> <li>♦ Dr. Chen Jianjun, Founder and President, Shenzhen Tsingtech Lithium Technology Co., Ltd, China<br/><i>Topic: Providing Safe and precise separation solutions for waste lithium batteries to promote a low-carbon circular economy</i></li> <li>♦ Dr. Sunil Herat, Associate Professor, Griffith University, Australia</li> </ul> |              |

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|                                      | <p><b>Topic: Circular economy towards reducing e-waste – cases and best practices</b></p> <ul style="list-style-type: none"> <li>◆ Mr. Amit Jain, Managing Director, IRG System South Asia Pvt., India</li> </ul> <p><b>Topic: Plastics waste management in slum areas – a critical need in achieving zero waste cities</b></p> <p><b>Commentators:</b></p> <ul style="list-style-type: none"> <li>◆ Prof. Dr. P. Agamuthu, FASc (Malaysia), Associate Dean, School of Interdisciplinary Studies, Sunway University; Professor, Jeffrey Sachs Center on Sustainable Development, Sunway University</li> <li>◆ Dr. Trung Thang Nguyen, Deputy Director General, Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resources and Environment (MONRE), Vietnam</li> <li>◆ Dr. Kulwant Singh, CEO, 3R Waste Foundation, India</li> <li>◆ Prof. C. Viswanathan, Asian Institute of Technology, Bangkok, Thailand</li> <li>◆ Prof. Jinhui Li, Executive Director of Basel Convention Regional Center for Asia and the Pacific (BCRC), Tsinghua University, Beijing, PR China</li> </ul> <p><b>Q&amp;A</b></p> |                    |
| <p><b>08:40-10:10<br/>Room A</b></p> | <p><b>Parallel Session 2A</b><br/><b>Resilient cities and coastal areas:<br/>policies, technologies and practices</b></p>  | <p><b>GFHS</b></p> |
|                                      | <p><b>Moderator:</b> Dr. Ralph Wahnschafft, Independent Advisor on Sustainable Development Policies, GFHS</p> <hr/> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Dr. Awni Behnam, Fmr. United Nations Assistant Secretary General, Hon. President, International Ocean Institute, Affiliate Professor, University of Malta</li> <li>◆ Loretta Hieber Girardet, Chief of Risk Knowledge, Monitoring and Capacity Development at United Nations Office for Disaster Risk Reduction (UNDRR)</li> </ul> <p><b>Topic: Reaching zero climate disasters</b></p> <ul style="list-style-type: none"> <li>◆ Dr. Alexander R. Jachnow, Team Leader of the INTPA Urban Development Technical Facility, European Union</li> </ul> <p><b>Topic: Global policies for urban resilience – keep Compact Cities in Climate Change?</b></p> <ul style="list-style-type: none"> <li>◆ Crystal Wang, Deputy General Manager of Overseas &amp; SAR Division, Country Garden Group</li> </ul>  |                    |



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|                               | <p><i>Topic: Forest City: A green, smart and sustainable city</i></p> <ul style="list-style-type: none"> <li>◆ Dr. Bob B Yang, Professor of Engineering, Managing Director, AECOM Tianjin</li> </ul> <p><i>Topic: Ecological Restoration Landscape Enhance Coastal Resilience in China</i></p> <ul style="list-style-type: none"> <li>◆ Wang Lunfu, Chief Engineer, Shanghai Mingjie Real Estate And Development Co., Ltd, China</li> </ul> <p><i>Topic: Central Mansion – A Shanghai Paradigm on Sustainable Cities</i></p> <p><b>Commentators:</b></p> <ul style="list-style-type: none"> <li>◆ Fu Xianping, Vice Chairman of the CPPCC Party Committee in Wuyi County, Zhejiang</li> <li>◆ Zhang Yi, Deputy General Manager of Shanghai Group and General Manager of Suzhou City Company, Hangzhou Urban Construction Development Group Co., Ltd. (Dajia Real Estate)</li> <li>◆ Mao Houde, President, M.A.O (Shanghai) Architectural Design Consulting</li> </ul> <p><b>Q&amp;A</b></p> |              |
| <b>08:40-10:10<br/>Room B</b> | <b>Parallel Session 2B<br/>Boost financing for climate action at the local level</b>  | <b>UNECA</b> |
|                               | <p><b>Moderator:</b> Nassim Oulmane, Chief of the Green and Blue Economy Section, United Nations Economic Commission for Africa (UNECA)</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Dr. Fedra Vanhuyse, Head of Division - Societies, Climate and Policy Support, Senior Research Fellow, Stockholm Environment Institute</li> <li>◆ Dr. Akiko Yamamoto, Regional Team Leader, Asia and the Pacific, for the Nature, Climate, and Energy Team, United Nations Development Programme</li> <li>◆ Aiaze Mitha, Digital Finance &amp; SDGs Lead, UNDP/UNCDF</li> <li>◆ Mithika Mwenda, Secretary General of Pan African Climate Justice Alliance (PACJA)</li> <li>◆ Binta Moustapha, Initiator, 100 Women in Tech Nigeria</li> <li>◆ Hugh Garnett, Senior Programme Manager - Real Estate, Institutional Investor Group on Climate Change</li> </ul> <p><b>Q&amp;A</b></p>   |              |
| <b>10:20-11:50<br/>Room A</b> | <b>Parallel Session 3A<br/>Scale up nature-based solutions towards a greener urban future</b>   | <b>WEF</b>   |

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|                                      | <p><b>Moderator:</b> Cristina Gomez Garcia-Reyes, Lead, Urban Nature Based Solutions, World Economic Forum</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Rob McDonald, Lead Scientist for Nature-based Solutions, The Nature Conservancy</li> <li>◆ László Pintér, Professor, Department of Environmental Sciences and Policy, Central European University</li> <li>◆ Sachin Bhoite, Director for Climate Resilience, C40 Cities</li> <li>◆ Andrew Young, Associate Director and Group Chief Innovation Officer, Sino Group, Hongkong, China</li> <li>◆ Loredana Scuto, Urban Programme Officer, International Union for Conservation of Nature (IUCN)</li> </ul> <p><b>Commentator:</b></p> <ul style="list-style-type: none"> <li>◆ An Fengmei, Board Director and Deputy General Manager of Jinan Xianxing Investment Group, China</li> </ul> <p><b>Q&amp;A</b></p>   |  |
| <p><b>10:20-11:50<br/>Room B</b></p> | <p style="text-align: center;"><b>Parallel Session 3B</b><br/><b>Towards smart, zero carbon and sustainable buildings and communities</b></p>   | <p style="text-align: center;"><b>HFHI</b></p> |
|                                      | <p><b>Moderator:</b> David Hughes, Senior Director, Program Quality at Habitat for Humanity International</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Serge Salat, President, Urban Morphology and Complex Systems Institute, Paris, France, Leading Expert of International Green Model City Standards 3.0<br/><i>Topic: Healthy green buildings and communities: linear, networked and 3D greening</i></li> <li>◆ Dr. Soumaya Ben Dhaou, Research Coordinator, United Nations University (UNU-EGOV)<br/><i>Topic: Exploring Blockchain for healthy, smarter and zero carbon cities and communities</i></li> <li>◆ Chang Hao, Deputy General Manager, Huadian Electric Power Research Institute Co., Ltd, China<br/><i>Topic: Outlook on the new-type distributed energy development in the context of “carbon-peak and carbon-neutrality goal”</i></li> <li>◆ Jennifer Oomen, Director, Applied Innovation, Terwilliger Center for Innovation in Shelter, HFHI</li> </ul> <p><b>Commentator:</b></p> <ul style="list-style-type: none"> <li>◆ Senior representative, China Green Development Investment Group Co., Ltd.</li> </ul> <p><b>Q&amp;A</b></p> |  |

| 12:30-13:20<br>Room A | Summary and Recommendation  | Co-organizers                     |
|-----------------------|---|-----------------------------------|
|                       | <p><b>Moderator:</b> Dr. Taj Hamad, Vice Chairman of Global Forum on Human Settlements, Chairman, World Association of Non-Governmental Organizations</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>◆ Dr. Han Peigang, Dean of the School of New Materials and New Energy, Shenzhen University of Technology, Chairman of Shenzhen Solar Energy Society<br/><i>Topic: Leverage new energy technology to build green and low-carbon human settlements</i></li> <li>◆ Chen Suping, Founder of China (Shenzhen) International Climate Film and Television Conference and Chairman of Shenzhen Biaoxin Science Popularization Research Institute<br/><i>Topic: Climate films raise public awareness</i></li> </ul> <p><b>Summaries from parallel session moderators</b></p> <p><b>Closing remarks by co-organizer</b></p> <ul style="list-style-type: none"> <li>◆ Haifeng Lu, Secretary General, Global Forum on Human Settlements</li> </ul> |                                   |
| 13:30-14:45<br>Room A | <p align="center"><b>Sustainable Cities And Human Settlements<br/>Awards Ceremony 2022</b></p>  | <p align="center"><b>GFHS</b></p> |