

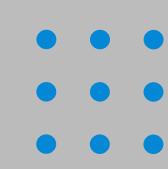


# 5th World Conference on Climate Change and Global Warming

07 - 09 March 2025

Vienna, Austria

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 [www.ccgconf.org](http://www.ccgconf.org)

 [info@ccgconf.org](mailto:info@ccgconf.org)



# Conference Abstract Book

The abstracts of the presentations can be found in the online conference Abstract Book.

All abstracts will be available in the conference proceedings starting from the inaugural day of the Conference. Visit the following link to access the abstracts or Scan the QR code:  
[www.dpublication.com/proceeding/5th-ccgconf/](http://www.dpublication.com/proceeding/5th-ccgconf/)

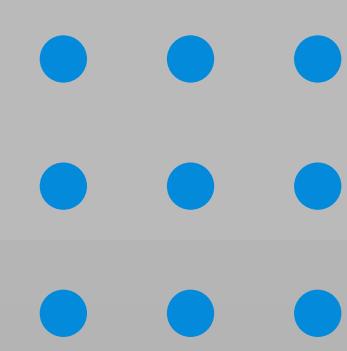
## About Vienna



This year's conference will be held in the historic city of Vienna. A dream destination for many travelers, Vienna is the social and cultural capital of Central Europe and should not be missed! Discover the amazing sites, culture, food, and art scenes. In terms of architecture, Vienna is home to some of the most incredible structures – the cathedrals, palaces, museums, and theaters – which will leave you in awe. Situated on the banks of the Vltava River, it has an oceanic and humid continental climate which is perfect for touring around.

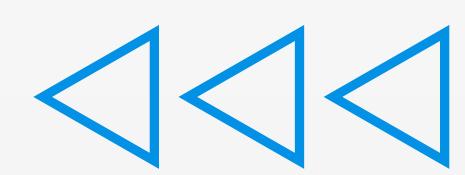
The city has experienced a number of eras – Gothic, Baroque, and Renaissance – all of which have left interesting impressions around the city, providing a unique cultural and traditional experience. Join our free guided tour around this magical city and explore it to your heart's content!

Join our free guided tour to take home with you not only a treasure trove of knowledge, but a suitcase-full of souvenirs and wonderful memories



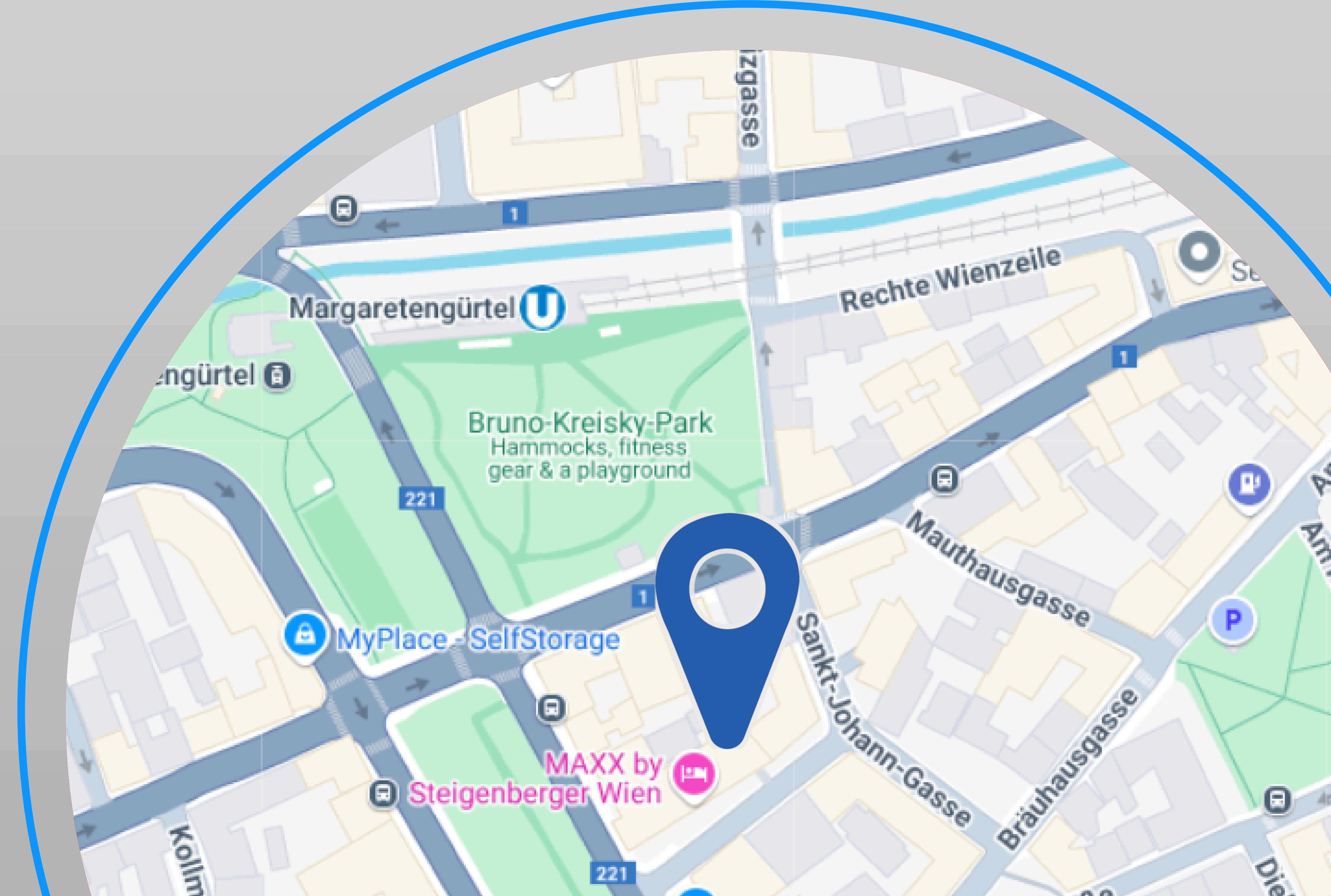
# Conference Venue

## MAXX by Steigenberger Vienna



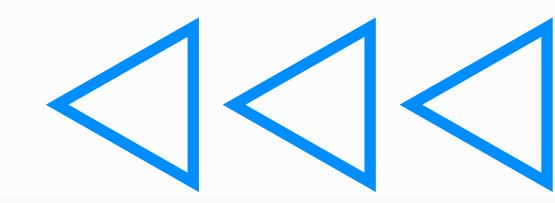
Address: Margareten Gürtel 142, 1050 Vienna, Austria

2



# 1st Day

## Oral Checkin information



▷▷▷ 07 March 2025

08:30 - 09:00

### REGISTRATION & WELCOME

We are excited to welcome you to the much-awaited Oral Session at the **CCGCONF** conference, featuring distinguished speakers from various fields who will present their knowledge and perspectives on a range of topics. Conference check-in will be available at **Schubert Room, Vienna, Austria**, from **08:30 to 09:00** local time

**PARALLEL SESSION:** We are pleased to announce that the **CCGCONF** will be held in two parallel sessions **after lunchtime**. Please join the hall based on your interest and take note of the hall number in which your presentation slot has been scheduled.

### Climate Policy, Energy Transition, and Environmental Governance

09:00 - 09:15

#### Elizabeth Osanyinro - United Kingdom

Accelerating Policy Decisions: A Multi-Agent System for Interactive Question-Answering on Climate Policy Data

09:15 - 09:30

#### Vismaya Mungath - India

Synergizing Artificial Intelligence and Bio-Inoculants for Climate-Smart Farming

09:30 - 09:45

#### Elvin Hajiyev - Azerbaijan

Global Energy Transition: Challenges and Solutions for a Decarbonized Economy

09:45 - 10:00

#### Herivelto Rocha - Brazil

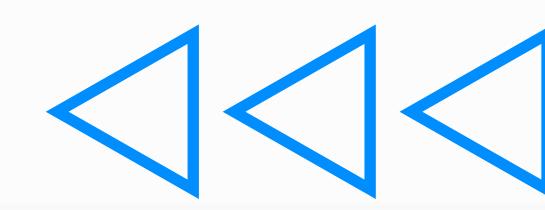
Territorial normalization, wind energy, and unequal spatialization of its global impacts

10:00 - 10:15

#### Dr. Charles Mbalyohere - United Kingdom

Stimulating the local market for clean energy in sub-Saharan Africa through decentralised initiatives – a case study in Uganda

# 1st Day Oral Checkin information



▷▷▷ 07 March 2025

10:15 – 10:30

## Pavithra Baskar – India

Coastal-Inland Divergence: Circular Causation and Economic Vulnerability in Low-Elevation Coastal Zones of India

10:30 – 10:45

## Hamidreza Naghdi – Iran

Law of Earth (LOE): A New Scientific Paradigm for Climate and Environmental Governance

10:45 – 11:00

## Siddhant Mishra – India

Greenhouse Gas Inventorization of India's Waste Sector Using the IPCC Tier 2 Methodology: Integration of AI Models for Adaptation, Mitigation, and Policy Impact Analysis

11:00 – 11:30

## Networking & Refreshments

### Disaster Resilience, Environmental Risk, and Urban Security

11:30 – 11:45

## Alicia Betancourt – United States

Promoting Community Resilience to Natural Hazards Through Governance, Education, and Partnership Building

11:45 – 12:00

## Maoulieswaran Saravanan – India

Dynamic Vulnerability and Multi-Hazard Risk Assessment: A Case of Visakhapatnam Metropolitan Region

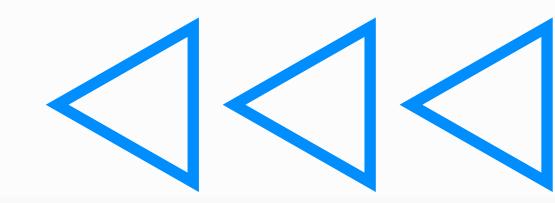
12:00 – 12:15

## Arundhati Kundu – India

Investigating Urbanization-LULC Transition Dynamics: Impact of surface waterbody encroachment on increased intensity of waterlogging and vector-borne diseases

# 1st Day

## Oral Checkin information



▶▶▶ 07 March 2025

12:15 – 12:30

**Dr. Hernan Trujillo – United States**

Forests, Oil, and Climate Change: Is Guyana Facing a Trade-off?

12:30 – 12:45

**Parwathy Ps – India**

Assessing The Acceptance of Drone Technology for Last-Mile Delivery: A UTAUT Based Study in Kolkata's Q-Commerce Sector

12:45 – 13:00

**Reeshba Reji Sheeba – India**

Spatial Analysis of Crimes and Perceptions of Security in Public Spaces

13:00 – 13:15

**Jhonatan Vicuna – Peru**

Impact of Natural Events on the Economic Vulnerability of Households in Peru

13:15 – 13:30

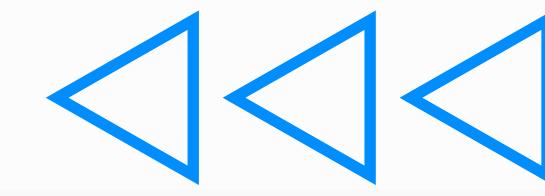
**Dhruv Repuriya – India**

Truth or Greenwashing: A Spatial Analysis of Carbon Credits in Indian Forest Projects

13:30 – 14:30

**Lunch Time**

# 1st Day Oral Checkin information



▷▷▷ 07 March 2025

## Parallel Sessions

**Schubert Room**

**Nestroy Room**

**Energy Systems, Land Use,  
and Climate Discourse**

**Sustainable Architecture, Green Technology,  
and Environmental Literacy**

### Prof Dr. Enedir Ghisi - Brazil

A Comparison of Local and Global Databases for the Environmental Impact of Residential Buildings

14:30 – 14:45

### Dr. Saeed Rokooei - United States

Enhancing Climate Change and Environmental Literacy: A Structured Learning Approach

### Dr. Kiyofumi Sato - Japan

Assessing the Impact of Forecast Accuracy and Battery Size on Cost and CO<sub>2</sub> Emissions in Distributed Energy Systems

14:45 – 15:00

### Akanksha Verma - India

Green Building Adoption

### Angki Pajing - India

Elucidation of Spatiotemporal Dynamics of Land Use Land Cover Classification in an Undulating Hilly terrain

15:00 – 15:15

### Dr. F. Senem Gungor - Turkey

From Vision to Visibility: Green Campus Initiatives at Ankara's Universities

### Takamasa Urasawa - Japan

Optimal Operational Planning for Power Trading under Forecasting Uncertainty

15:15 – 15:30

### Hisham Mohammed - India

Integrating Green Technology in Airport Terminal Design: A Pathway to Sustainable Passenger Experience and Operational Efficiency

### Oluwole Fagbohun - United Kingdom

Global Voices on COP 29: A Cross-Country Twitter Analysis of COP 29 Discussion

15:30 – 15:45

### Betul Aksoy - Turkey

Next-Generation Approaches to PV Recycling Fostering Green Technology and Production

### Sanchayan Mitra - India

Micro Wind Turbine Design Considerations to Utilize Maximum Wind Energy

15:45 – 16:00

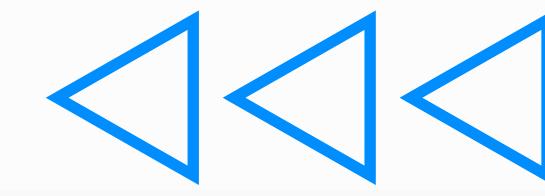
### Bhagyaparvathy S - India

Evaluating the Environmental Footprint of Conventional and Enzymatic Unhairing Processes in the Leather Industry: A Lifecycle Perspective

16:00 – 16:30

**Networking & Refreshments**

# 1st Day Oral Checkin information



▶▶▶ 07 March 2025

## Parallel Sessions

**Schubert Room**

**Nestroy Room**

**Environmental Impact, Socioeconomic Factors, and Community Adaptation**

**Sustainable Urban Mobility and Transportation Policy**

**Shambhavi Gupta & Rashi Sharma - United States**

Understanding the Impact of Property Types and Socioeconomic Factors on GHG Emissions: A case of New York City

**16:30 – 16:45**

**Animesh Jaiswal - India**

Understanding Barriers and Psychographic Drivers of Electric Vehicle Adoption in Tier-II Cities: Evaluating Policy Impact and Forecasting Demand in India

**Elizaveta Golovanova - France**

Behind the Glamour: Factors of Financial Performance of French Luxury Leather Manufacturers

**16:45 – 17:00**

**Madhusudan Hamirwasia - India**

Analyzing Consumer Preferences for Electric Vehicles using Online Crowd Sourced Data: Insights for Energy Policy in India

**Prof Dr. Biljana Balabanova - Macedonia**

Enchasing anthropogenic element trackers for evidence of long-term atmospheric depositions in mine environs

**17:00 – 17:15**

**Vaibhav Sannakki - India**

Scheduling and Charging Strategy for a Mixed Bus Fleet with Electric and Traditional Buses

**Mathilde Henry - France**

Hear Us Out : Communities Confronting the Need for Climate Change Adaptation and Loss & Damage Repair

**17:15 – 17:30**

**Ritu Singh - India**

Gender Disparity in Transportation and Its Impact on Sustainable Urban Mobility and Climate Change Adaptation

**Suchit Ep - India**

Optimizing Solid Waste Collection Routes in Himalayan Tourist Destinations

**17:30 – 17:45**

**Madhushree Maji - India**

Evaluating the Feasibility of MaaS Adoption in Kolkata: Advancing Sustainable Urban Mobility

**Lokesh Thakur - India**

Reducing Speed at Critical Locations on Highways through Temporary Barricading - Experimental and Simulation Studies.

**17:45 – 18:00**

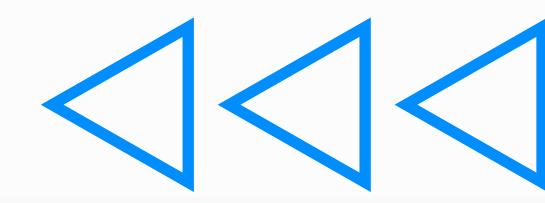
**Abhishek Siva Sai Chanamalla - India**

Evaluating the Impact of Urban Heat on Residential Property Prices: A Case Study of Hyderabad, India

**18:00 – 18:30**

**Closing Time**

# 1st Day Poster Checkin information



▷▷▷ 07 March 2025

08:30 - 09:00

## REGISTRATION & WELCOME

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### Prof Dr. Paweł Wisniewski - Poland

Assessment of greenhouse gas emissions from agricultural sources in Poland

### Dr. Mikheil Pipia - Georgia

Analysis of Variability of the Number of Days with Hail in the Warm Half of the Year in Different Climatic Zones of Georgia in 1941-2021 and their Expected Change until 2045

### Devulapally Pooja - India

Contours of Climate: Unraveling the Urban Blueprint Behind Heat Islands

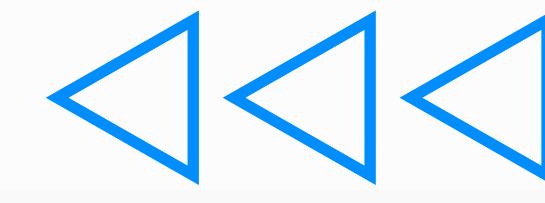
### Dr. Sidika Tugce Kalkan - Turkey

Life cycle analysis of bioethanol production from fermentation of pyrolysis gas

### Ayush Nayan - India

Long-term Changes of Upper Ocean Heat Content and its Dynamical Implications in the Arabian Sea

# 1st Day Poster Checkin information



▷▷▷ 07 March 2025

## **Indra Kumar Mv – India**

Mapping Sustainability: Water Quality Monitoring and Restoration of Bengaluru's Lake Ecosystems

## **Swarnim Kumar Gautam – India**

Measuring Urban Compactness: Pathways to Sustainable and Climate Resilient Cities in India

## **Anurag Jharia – India**

Exploring Rental Housing Affordability as an Effective Adaptation Strategy in Indian Metropolises: A Case Study of Kolkata

## **Rohit Navale – India**

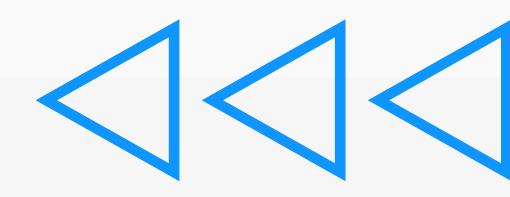
Impact of metro rail transit and urban amenities on property rates in metropolitan cities of India – a case of Mumbai city

## **Rutuja Patil – India**

Spatial Analysis of land use change and its relationship with Real Estate Indicators

# 2nd Day City Tour Information

## The Medieval Heritage in Vienna, Half Day Walking Tour With a Private Guide



### Meeting point:

Stephansplatz (St Stephens Cathedral)

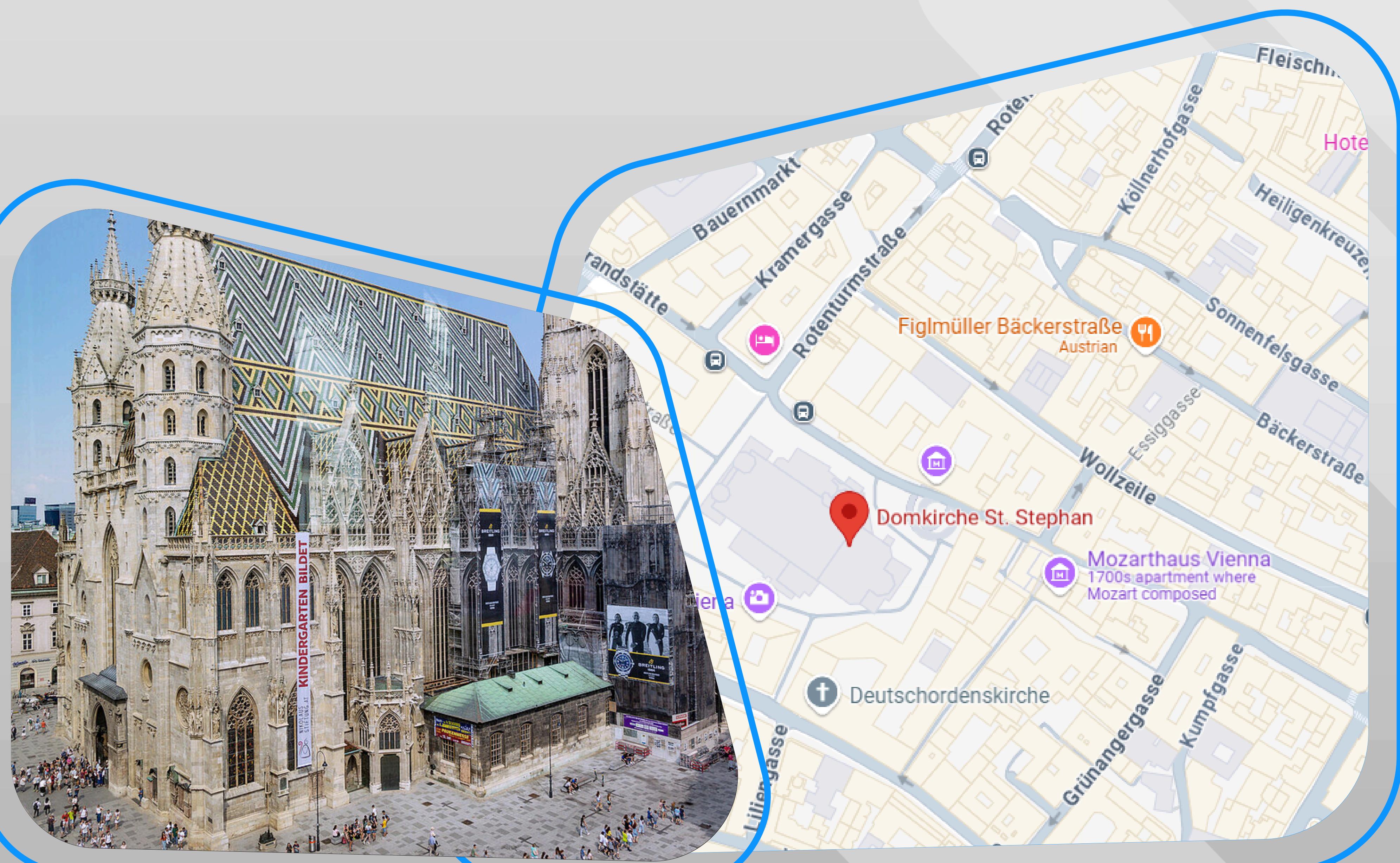
We will meet at the small Iron model of The St. Stephan's Cathedral on the south side of the church

**Tour Date:** 08 March 2025

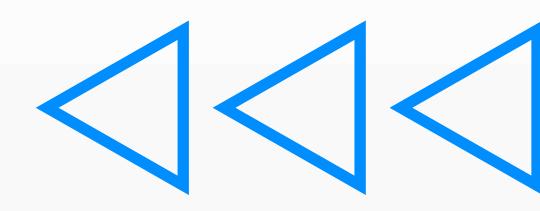
**Tour Time:** 10:00 AM

### Address:

📍 Stephansplatz (St Stephens Cathedral)



# 3rd Day Virtual Session



▷▷▷ 09 March 2025

08:45 – 09:00 **SIGN-IN & WELCOME**

We are thrilled to welcome all participants to **CCGCONF**! We are delighted to offer a one-of-a-kind virtual experience, featuring a variety of sessions, engaging discussions, and valuable networking opportunities for those joining us from the comfort of their homes. Check-in will be available from **08:45 to 09:00** local time in **Vienna, Austria**.

09:00 – 09:15

**Dr. Brandon Toliver – United States**

Beyond the Wind: Rethinking the Saffir-Simpson Hurricane Wind Scale

09:15 – 09:30

**Sukriti Snehal – United Arab Emirates**

Unraveling Climate Shifts: A Data-Driven Analysis of Urban India's Changing Climate

09:30 – 09:45

**Dr. Ifeanyi Daniel Nnodu – Nigeria**

An Assessment of the Long-Term Trends in Annual Mean Temperature using Three Nonparametric Methods and a Linear Trend Analysis in some selected Nigerian Cities

09:45 – 10:00

**Anisha Ghosh – India**

Assessing adoption barriers and environmental impact of electric two-wheelers in Bhubaneswar: Policy-driven strategies for urban sustainability

10:00 – 10:15

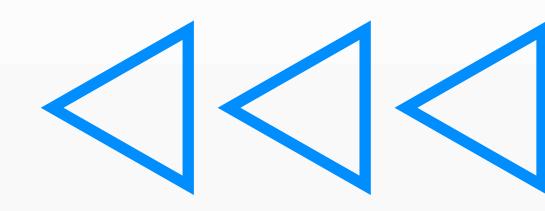
**Q&A – Break time**

10:15 – 10:30

**Raya Raijaleena Brink – Finland**

Women and climate change – can international law sufficiently protect women?

# 3rd Day Virtual Session



10:30 – 10:45

## Dr. Khadija Shams – Pakistan

Analyzing the relationship between climate change and wellbeing: A case study from urban Pakistan

10:45 – 11:00

## Dr. Mzuri Ali – Tanzania

Media Gap analysis in Women Climate Change Adaptation

11:00 – 11:15

## Julia Díaz-Borrego – Spain

Automated Large-Scale Urban Modeling for Microclimate and Thermal Comfort Assessment

11:15 – 11:30

## Q&A – Break time

11:30 – 11:45

## Ajoy Ghosh – India

Assessing Tourism's Impact on Climate Change in Puri, Odisha

11:45 – 12:00

## Sakayong Pattanavekin – Thailand

A Hybrid AI Approach to Comprehensive Carbon Footprint Assessment: Integrating Generative Models, Neural Networks, Knowledge Graphs, and Probabilistic Methods

12:00 – 12:15

## Jigyasa Sandilya – India

Adoption of Crop Insurance as a Risk-Transfer Mechanism among Smallholder Farmers: A Micro-level Study in Assam, India

12:15 – 12:30

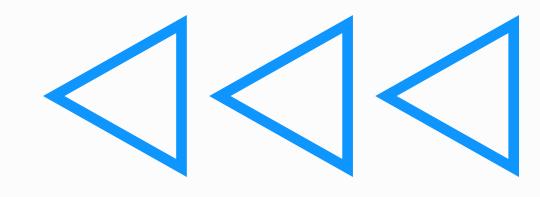
## Dr. Jeong Won Kim – Singapore

Corporate-Level Carbon Pricing: Trends and Impact of Internal Carbon Pricing

12:30 – 12:45

## Q&A – Closing time

# F.A.Q. of the Conference



To give you as much information as possible, we provide you with the following frequently asked questions (FAQs) and answers.

## **Invoices or payment receipt. When will I receive my invoice/payment receipt?**

**01.**

We send invoices to customers in the last week before the conference. (Invoices come with signature and stamp). If you do not receive an invoice, please contact us at the email address in your program.

## **When will you give us certificates?**

**02.**

Listeners and Speakers will be awarded Certificates at the venue. The certificate of virtual attendees will be emailed after the conference.

## **Publication opportunities; Where and when will my paper be published?**

**03.**

All Abstracts will be published in the Abstract Book (link in the program). Other publishing opportunities including conference Proceedings, peer-reviewed indexed journals, etc. will be announced by our colleagues a few weeks after the conference.

## **Virtual presentations. How can we join the Virtual sessions?**

**04.**

We will send information to all conference participants in an email with simple and clear instructions. There is a link that will automatically connect you to the conference platform.

*Please note there is no need to join the virtual session from the conference venue. You can join us anywhere & you just need a computer and internet.*

## **How long is a conference paper presentation for in-person or virtual delegates?**

**05.**

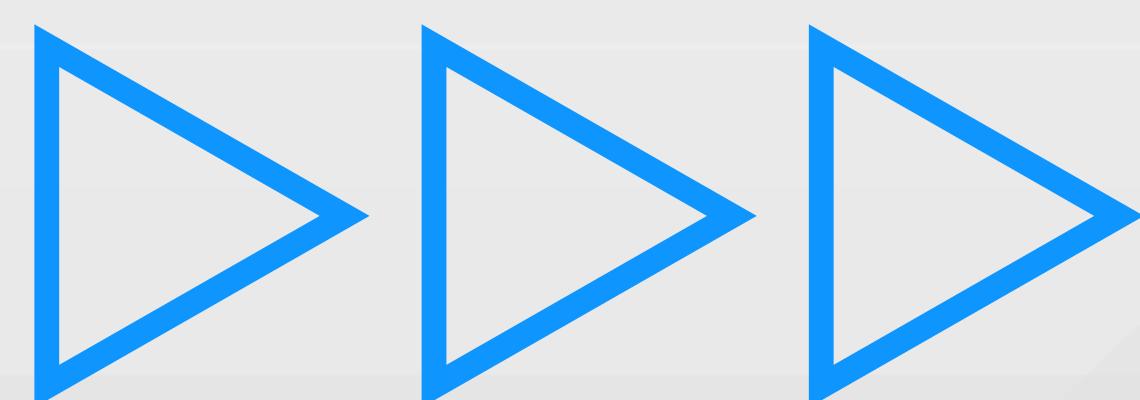
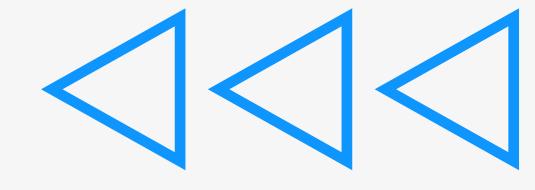
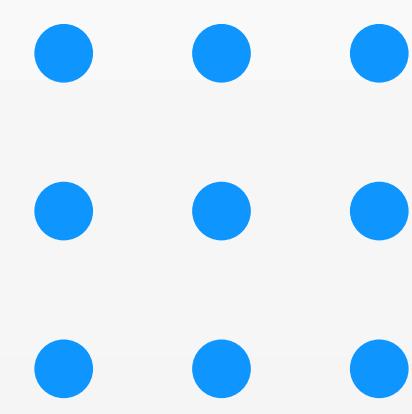
In-person or virtual presenters will have 13 minutes for paper presentation, and then 2 minutes for Q&A.

## **Any other questions?**

## **Or maybe you want to leave your feedback?**

We look forward to your letter by the following email:

🌐 [www.ccgconf.org](http://www.ccgconf.org)  
✉ [logan@acavent.com](mailto:logan@acavent.com)



[www.acavent.com](http://www.acavent.com)



[info@acavent.com](mailto:info@acavent.com)

