



Hybrid Event: Sharif Energy, Water and Environmental Research Institute (SEWEI)
link: <https://vc.sharif.edu/conf.icers>



Iran Time: 8:30–12:30
China Time (CST): 13:00–17:00

Iran-China Joint Workshop on:

Emerging Technologies and Methods for Climate Resilience



May 31 - June 1, 2025

<http://icers.events.sharif.edu>

icers@sharif.edu, (+98)9190079775

Climate-Responsive Urban
Design and Technologies

Urban Energy Transitions
and Climate Resilience

Water Resilience and
Integrated System Planning

Smart Governance and Social
Adaptation to Climate Change

**For free registration please email the
following information:**

**Name, Affiliation, Email, and
Phone Number.**

icers@sharif.edu, (+98)9190079775
<http://icers.events.sharif.edu>

The registration is **free of charge.**

**For participants who are interested to get certificate of attendance,
a registration fee of 10.000.000 Rials is applied.**



Secretariat office:

<http://icers.events.sharif.edu>, icers@sharif.edu, (+98)9190079775



Sharif Energy, Water and
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Institute (SEWEI)



CHONGQING
UNIVERSITY



Iran-China Joint Workshop on: Emerging Technologies and Methods for Climate Resilience

May 31 - June 1, 2025

Workshop Schedule

May 31, 2025 / Day 1

Time: 08:30 – 12:30 (Tehran), 13:00 - 17:00 (China)

⌚ 8:30 — **Opening Remarks by Workshop Coordinator** — 08:45



Time: 08:30 – 08:45 (Tehran) | 13:00 – 13:15 (China)

Workshop Coordinator: Prof. Madjid Abbaspour

Department of Mechanical Engineering, Sharif University of Technology (SUT), and board member of Sharif Energy, Water and Environment Institute (SEWEI), Tehran, Iran.

Email: abbpor@sharif.edu

⌚ 8:45 — **Nexus Thinking and Systemic Approaches** — 10:00



Time: 08:45 – 09:10 (Tehran) | 13:15 – 13:40 (China)

Speaker: Prof. Mohsen Ghafouri Ashtiani

International Institute of Earthquake Engineering and Seismology (IIEES), Tehran, Iran

Topic: System Approach for Urban Resilience to Natural Hazards, Water and Energy Stress

Email: mohsen.ashtiany@gmail.com



Time: 09:10 – 09:35 (Tehran) | 13:40 – 14:05 (China)

Speaker: Prof. Huimin Liu

School of Urban Design, Wuhan University, China

Topic: Urban Climate Change Assessment and Governance

Email: hmliu@whu.edu.cn



Time: 09:35 – 10:00 (Tehran) | 14:05 – 14:30 (China)

Speaker: Prof. Banafsheh Zahraee

School of Civil Engineering, University of Tehran, Iran

Topic: Governance of Water-Food-Energy Nexus in Changing Environment of Urban Areas: Lesson Learned from Iran

Email: bzahraie@ut.ac.ir

Session 1

⌚ 10:00 — **Tea Break** — 10:15



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Time: 08:30 – 12:30 (Tehran), 13:00 - 17:00 (China)

🕒 **10:15 — Smart and Energy-Based Approaches for Urban Resilience — 11:55**

Session 2



Time: 10:15 – 10:40 (Tehran) | 14:45 – 15:10 (China)

Speaker: Prof. Madjid Abbaspour

Department of Mechanical Engineering, Sharif University of Technology (SUT), and board member of SEWEI, Tehran, Iran.

Topic: The Role of Renewable Energy and Smart Cities in Enhancing Climate Change Resilience in Urban Areas

Email: abbpor@sharif.edu



Time: 10:40 – 11:05 (Tehran) | 15:10 – 15:35 (China)

Speaker: Prof. Mahdi Sharifzadeh

Sharif Energy, Water and Environment Institute (SEWEI), Sharif University of Technology, Tehran, Iran.

Topic: Energy Saving Certificates in Iran: A Market-Based Response to Energy Deficits and Industrial Blackouts

Email: m.sharifzadeh@sharif.edu



Time: 11:05 – 11:30 (Tehran) | 15:35 – 16:00 (China)

Speaker: Dr. Leila Mohaghegh Zahed

Postdoctoral Researcher, Sharif Energy, Water and Environment Institute (SEWEI), Sharif University of Technology, Tehran, Iran

Topic: Innovative Approaches to Urban Climate Resilience: Integrating Water and Energy Optimization Models

Email: leila.mohaghegh@researcher.sharif.edu



Time: 11:30 – 11:55 (Tehran) | 16:00 – 16:25 (China)

Speaker: Mr. Amin Gharibi

Master of Science, Civil Engineering, Fanap Holding Smart Cities Project Manager, Tehran, Iran

Topic: Smart Transformation in Urban Ecosystems: Real-World Experiences from Iran

Email: amingharibi@gmail.com

🕒 **12:00 — Discussion and Q&A — 12:30**



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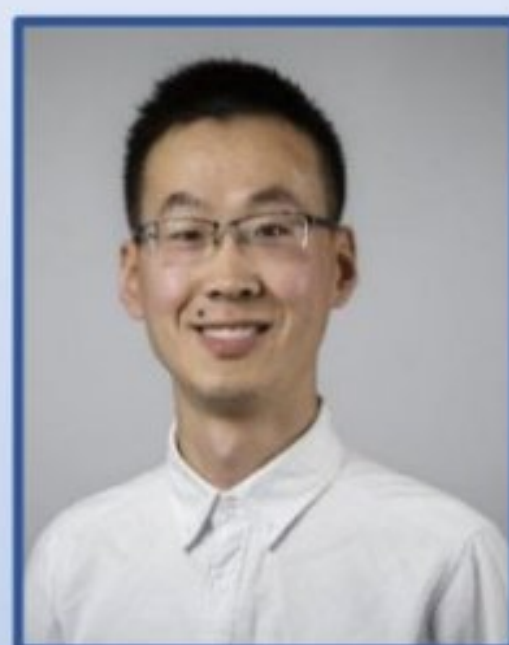
May 31 - June 1, 2025

Workshop Schedule

June 01, 2025 / Day 2

Time: 08:30 – 12:30 (Tehran), 13:00 - 17:00 (China)

🕒 08:30 — **Urban Heat Resilience and Thermal Comfort Solutions** — 10:30



Time: 08:30 – 08:45 (Tehran) | 13:00 – 13:15 (China)

Opening Remarks by Workshop Coordinator & Speaker: Prof. Bao-Jie He
School of Architecture and Urban Planning, Chongqing University, China.

Time: 08:45 – 09:10 (Tehran) | 13:15 – 13:40 (China)

Topic: Urban Heat Mitigation Techniques and Decision Support Tools

Email: baojie.he@cqu.edu.cn



Time: 09:10 – 09:35 (Tehran) | 13:40 – 14:05 (China)

Speaker: Prof. Safoora Mokhtarzadeh

Department of Urbanism, Daneshpajoohan Pishro Higher Education Institute, Isfahan, Iran.

Topic: Aging Populations in The Global Warming Era; Systemic Solutions (Governmental and Technical) for Enhancing Aging Communities Heat Resilience

Email: s.mokhtarzadeh@daneshpajoohan.ac.ir



Time: 09:35 – 10:00 (Tehran) | 14:05 – 14:30 (China)

Speaker: Dr. Ke Xiong

School of Architecture and Urban Planning, Chongqing University, China

Topic: Urban Renewal Strategies Based on Outdoor Thermal Comfort

Email: kexiongarch@cqu.edu.cn



Time: 10:00 – 10:25 (Tehran) | 14:30 – 14:55 (China)

Speaker: Prof. Yanan Liu

School of Architecture and Urban Planning, Chongqing Jiaotong University, China

Topic: Multiple Steady States of Natural Ventilation in Underground Spaces

Email: lyn3620@cqjtu.edu.cn

Session 3

🕒 10:30 — **Tea Break** — 10:45



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June 01, 2025 / Day 2

Time: 08:30 – 12:30 (Tehran), 13:00 - 17:00 (China)

🕒 10:45 — **Climate-Responsive Urban Design and Innovation** — 12:00

Session 4



Time: 10:45 – 11:00 (Tehran) | 15:15 – 15:40 (China)

Speaker: Prof. Ali Cheshmehzangi

School of Architecture, Design and Planning, The University of Queensland, Brisbane, Australia

Topic: Climate Resilience Action Plan in the Face of Fast Architecture

Email: a.chesh@uq.edu.au



Time: 11:10 – 11:35 (Tehran) | 15:40 – 16:05 (China)

Speaker: Prof. Bahram Taheri

Amirkabir University of Technology, Mahshahr Special Petrochemical Zone Campus, Professor of HSE, Climate Change and Carbon/Energy Transition, Iran

Topic: From Wind-Catchers to Digital Twins: How Three Millennia of Silk-Road Wisdom Can Guide Climate Resilient Cities of Tomorrow

Email: bahramtaheri1011@yahoo.com



Time: 11:35 – 12:00 (Tehran) | 16:05 – 16:30 (China)

Speaker: Prof. Chunping Miao

School of Architecture and Urban Planning, Chang'an University, China

Topic: Parametric Design of Urban Space for Improving Air Quality

Email: miaochunping@chd.edu.cn

Discussion and Q&A

Time: 12:00 – 12:30 (Tehran), (16:30-17:00 China)

Group session for discussion and exchange of experiences on best practices in climate resilience
in
China and Iran



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