

Session Program

7-11 Jul 2025



AESOP ANNUAL CONGRESS 2025

T_12 DISASTER-RESILIENT PLANNING

Yildiz Technical University, Istanbul
Çifte Havuzlar, YTÜ-Davutpaşa Kampüsü, 34220 Esenler/İstanbul, Türkiye

Tuesday 8 July

11:00

T_12 DISASTER-RESILIENT PLANNING: L1 - Strategies for flood risk and coastal tranformation

Session | **Location:** YTU Davutpasa Campus, A1-04 | **Convener:** Dr Meltem ŞENOL BALABAN

11:00-11:10

Floods and Livelihoods: A Multi-dimensional Comparative Study of Territorial Space Planning Policies for Flood Detention Areas in China

Speaker

Xijia SUN

11:10-11:20

Sprawl on Flood Risk : Focusing on Land Use Planning and Fragmentation Index in Coastal City

Speaker

Mr Segyo Seo

11:20-11:30

Heavy rainfall, critical consequences? - Risk analysis of the impact of flood related street blockades on emergency medical services coverage in Münster, Germany

Speaker

Oskar Paßlick

11:30-11:40

Resilient Land Use Strategies in Urban Waterfront Development towards Flood Risk: A Case Study of Chongqing, China

Speakers

Prof. Zhiduan Chen, Ms Zihan Qi

11:40-11:50

Exploring the Feasibility of Sponge City Solutions for Flood Resilience in Gangnam, Seoul

Speaker

Ms Dayeon Shin

11:50-12:00

Flood Risk Perception Under the Levee Effect: Adaptive Management Strategies for heterogeneous individuals

Speaker

Ms Miao-Ching Shen

12:30

14:00

T_12 DISASTER-RESILIENT PLANNING: L2 - Measuring and mapping: tools and analysis for risk reduction

Session | **Location:** YTU Davutpasa Campus, A1-04 | **Convener:** Dr Meltem ŞENOL BALABAN

14:00-14:10

Social Vulnerability Mapping

Speaker

Dr Paulina Budryte

14:10–14:20

Assessment of community resilience to disaster at the local level in Korea**Speaker**

Prof. Dong Keun Yoon

14:20–14:30

When Buses Become Beacons: Rethinking Buses as Adaptive Responders in Crisis —A Chinese Perspective**Speaker**

Mr Yanyun MAO

14:30–14:40

Agent-Based Modeling Applied to the Analysis of Landslide Risk Dynamics: A Virtual Laboratory to Explore the Underlying Mechanisms of Risk**Speakers**

Dr Agnes Silva de Araujo, Mrs Lissandra Baldissera

14:40–14:50

Why should we bother about risk reduction at the urban scale? The Early Recovery System (ERS) framework to assess the impact of seismic prevention instruments on post-quake urban functionality**Speaker**

Dr Margherita Giuffrè

15:30

16:00

T_12 DISASTER-RESILIENT PLANNING: L3 - Governance, transition, and risk politics**Session** | **Location:** YTU Davutpasa Campus, A1-04 | **Convener:** Gloria Pessina

16:00–16:10

Decentralisation as an Agent of Resilience? Evidence from Wartime Decision-Making and Planning in Ukraine**Speaker**

Mr Yegor Vlasenko

16:10–16:20

Is the polycrisis finally leading to the privatization of risks? Evolving understandings of state responsibilities facing disasters in Italy.**Speakers**

Prof. Alessandro Coppola, Dr Gloria Pessina

16:20–16:30

Balancing development and safety: spatial conflicts in Polish mountain region prone to flooding**Speaker**

Dr Anna Grochowska

16:30–16:40

Industry 5.0 as a Tool For Strengthening Urban Resilience Against Crises**Speaker**

Mr Adnan Oğuzhan

16:40-16:50

Adaptive planning paradigms for resilient flood management: insights from Oslo and Copenhagen

Speaker

Prof. Andrea Arcidiacono

17:30

Wednesday 9 July

11:00

T_12 DISASTER-RESILIENT PLANNING: L4 - From shock to strategy: longterm resilience

Session | **Location:** YTU Davutpasa Campus, A1-04 | **Convener:** Dr Meltem ŞENOL BALABAN

11:00-11:10

What Are the Obstacles in the Recovery Process Considering the Role of Actors? The Case of the Kahramanmaraş Earthquake in Turkey

Speakers

Gözde İdil Özcan, Selenay Çelik

11:10-11:20

Rebuilding Resilient Cities and Communities in Southeastern Türkiye: Relation Between Urban Planning and Data Governance

Speaker

Yağmur Hancıoğlu

11:20-11:30

Post-Disaster Population Mobility: Considerations for the February 2023 Earthquakes in Türkiye

Speaker

Tuğba Kütük

11:30-11:40

INVESTIGATION OF EARTHQUAKE DAMAGE IN TERMS OF DIFFERENT LAND COVERS: 2023 KAHRAMANMARAŞ EARTHQUAKES

Speaker

Mr Adem Sakarya

11:40-11:50

Resilience in Public Utilities: Management Strategies to Mitigate the Impact of External Shocks

Speaker

Prof. Eri Nakamura

12:30

Thursday 10 July

11:00

T_12 DISASTER-RESILIENT PLANNING: L7 - Disaster Management for resilient planning

Session | **Location:** YTU Davutpasa Campus, A1-04 | **Convener:** Annette Kroen

11:00-11:10

Dynamic Human-Centered Ontology for Urban Disaster Management: A Reinforcement Learning Approach to Adaptive Emergency Decision-Making

Speaker

Ms Rui JIANG

11:10-11:20

Gaps and opportunities for integrating planning and disaster management in Australia

Speaker

Dr Annette Kroen

11:20-11:30

Beyond emergency: shaping long-term resilience after the Emilia-Romagna floods

Speaker

Dr Vittore Negretto

11:30-11:40

Planning for managed retreat : challenges and innovations to address long-term uncertainty in France and New Zealand

Speaker

Loïck Le Roy

11:40-11:50

Evaluating Urban Resilience Capacity for Transformative Spatial Planning

Speakers

Ilaria Cazzola, Dr Benedetta Giudice

12:30