

22 – 24 JUNE 2021 | ATHENS, GREECE

ICONHIC 2021

THEMES

EARTHQUAKES & LANDSLIDES

Lifelines, Below-Ground Structures
Structural Assessment, Analysis, Retrofit
Isolation & Energy Dissipation
Soil-Structure Interaction & Liquefaction
Landslides

FLOODS, WINDSTORMS & WILDFIRES

Storm Forecasting & Control Strategies
Flood Risk Management
Storm Surges, Tsunamis and Sea Level Rise
Strong Winds, Hurricanes & Tropical Storms
Drought impacts on Infrastructure

CLIMATE CHANGE & URBAN SUSTAINABILITY

Global Risk Landscape
Blue-Green Solutions for Urban Sustainability
Life-Cycle Management
Air Pollution & Noise Mitigation
Seasonal Extremes – Heatwaves, Ice Melting
Financing Climate Resilience

FIRES

Wildfire Modelling & Risk Analysis
Cascading post-Event Fires
Urban Development Future – WUIs

DISASTER RESILIENCE

Risk Assessment & Mitigation
Catastrophe Insurance
Resilience Quantifiers for Multi-Risk Decision
Functional Recovery Frameworks
Community Connections

TECHNOLOGIES

Big Data, Artificial Intelligence
Satellites, Drones, Wireless Sensing, Robotics
Structural Health Monitoring
Bio-inspired Construction Materials

STANDARDS - PUBLIC POLICY - SOCIAL SCIENCE

Functional Recovery Frameworks
System vs. Asset Regulation
Funding Incentives
Community Connections



National Technical
University of Athens

ETH zürich

CALL FOR
ABSTRACTS

DEADLINE: 25.10.20

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Venue: Megaron Athens Intl. Conference Centre