

8TH INTERNATIONAL CONFERENCE ON FLOOD MANAGEMENT

“LOWERING RISK BY INCREASING RESILIENCE”

The University of Iowa, Iowa City, Iowa, USA

August 17 – 19, 2020

Organized under



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CALL FOR ABSTRACTS

- We are pleased to announce the opening of the abstract submission period (July 15–September 15, 2019)
- The scientific program comprises 38 sessions, including Parallel Sessions (open to all conference participants and Special Sessions (by invitation only or open to all participants). The scientific program is provided on the back of this flier and can also be found at: <https://icfm2020.org/program/scientific-program>
- Additional information, instructions, and the abstract submission link can be found at: <https://icfm2020.org/participate/submit-abstract>

Stay tuned ... Subscribe for updates and conference details at <https://icfm2020.org/news-updates/updates>

- IIHR is celebrating its centennial in 2020. You are cordially invited to IIHR's Gala Birthday Party – updates on details, dates, alumni events, etc. will follow.
- Join us for The Big Splash! — a spectacular celebration of — and on — the Iowa River, set for the weekend of August 14 – 16, 2020. Bring your friends and family to this amazing event!

More information is available at <https://icfm2020.org/program/social-program>

CONFERENCE SESSIONS

Conference submission includes contributions for the Parallel Sessions (PS) and Special Sessions (SS). PS and SS will run simultaneously with the same number of papers per session. PS contributions are open for all conference participants. SS contributions can be either by invitation only or open to all conference participants, as specified on the [Special Sessions](#) page.

I. Science & Technology (S&T) for Flood Risk Management

- PS I.a Systems approach for flood management
- PS I.b Remote-sensing for flood management
- PS I.c Flood infrastructure
- PS I.d Citizen science for flood management
- SS I.e Mitigating flood risk through innovations in S&T
- SS I.f Flood risk in mountainous regions
- SS I.g Flood risk reduction under climate change toward sustainable development: Scientific & technological approaches
- SS I.h Capacity development for risk-informed decision-making

II. Handling Data and Information for Flood Risk Mitigation

- PS II.a Big data and flood management
- PS II.b Risk communication
- PS II.c Flood decisions support systems
- SS II.d Validation database for flood model assessment

III. Flood Disaster Prevention, Mitigation, and Adaptation

- PS III.a Climate change and flooding
- PS III.b Changing flood risk
- PS III.c The intersection between riverine and coastal flood risks
- PS III.d Cooperation in the management of large flood events
- SS III.e Flood damage assessment datasets
- SS III.f Compound events and correlated extremes
- SS III.g “No one is surprised by a flood”—WMO long-term ambitions for the operational hydrological community

IV. Flood Preparedness, Response, and Recovery

- PS IV.a Flood-proof cities
- PS IV.b Low-impact flood measures
- PS IV.c Impacts of life loss and damage estimation
- PS IV.d Flood adaptive infrastructure
- SS IV.e Anticipating accelerated sea level
- SS IV.f Floods of 2019 in the United States
- SS IV.g Climate preparedness and resilience for climate-impacted hydrology and changing sea levels
- SS IV.h Extreme floods in South Asia under changing environment

V. Flood Decision-Making, Policy, and Governance

- PS V.a Governance and partnerships
- PS V.b Infrastructure and investments
- PS V.c Insurance and building level protection
- PS V.d Integrated flood risk management
- SS V.e Flood risk reduction under climate change toward sustainable development: National & international approaches
- SS V.f Lessons learned in the implementation of flood management projects by international organizations

VI: Flood Resilience

- PS VI.a Flood-resilient communities
- PS VI.b Nature-based solutions for flood management
- SS VI.c Flood resilience in practice
- SS VI.d Interagency and international resilience efforts
- SS VI.e Critical infrastructure resilience to extreme events