

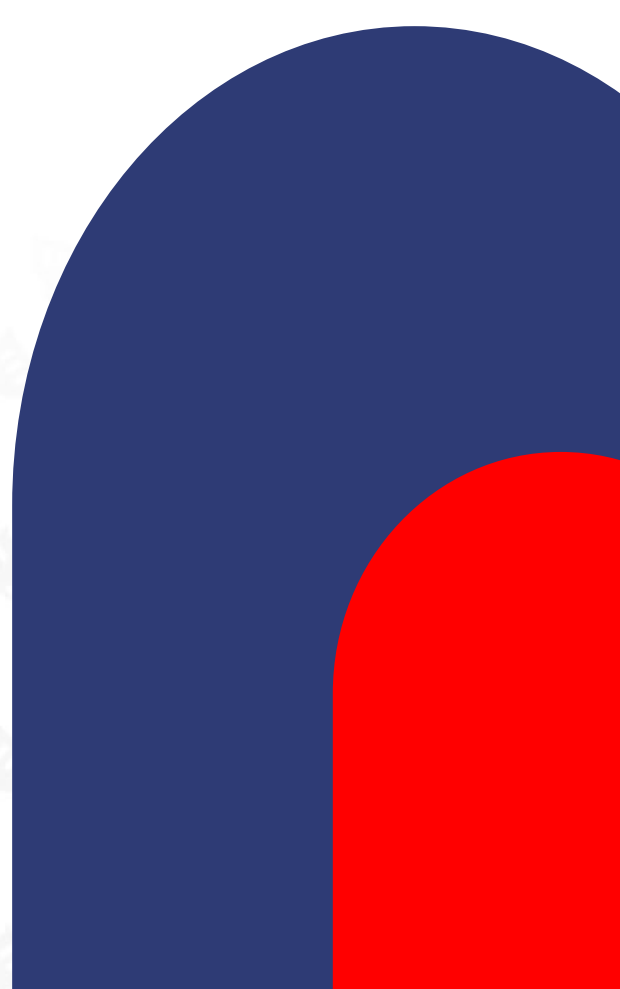
Conference:

Thinking, Preventing, and Managing Natural Risks

Wednesday 23 April & Thursday 24 April 2025

9:00 am – 1:45 pm

Marie Curie Amphitheatre, SUAD Campus



Abstract:

Does the 21st century mark the beginning of a new "risk society" where natural disasters appear both more severe, uncertain, and endogenous? Natural disasters are not new, but they increasingly attract attention due to their scale, now posing severe threats to very large populations, sometimes without spatial boundaries. While it is difficult to answer this question with certainty, it is undeniable that our planet has experienced particularly striking disasters since the start of this century, due to their human toll, financial impact, or ecological consequences. Generally, the financial cost of damages has risen to approximately 250 billion in 2023. The increase in the number of these disasters and their impacts is largely caused by the concentration of urbanized areas in high-risk zones. The United Arab Emirates, where most of the population resides within 100 km of the coast, is therefore highly exposed to the dangers of extreme hydroclimatic phenomena (such as flash floods) and the effects of rising sea levels.

Programme :

Wednesday 23 April 2025

9:00 am

Opening speech

9:15 am – 10:15 am

Penser les risques naturels / Thinking Natural Risks – Moderation: Prof. David KREMER (Université Paris Cité; SAFIR, SUAD) (session in French)

- Patrick PIGEON (UR Médiations, Sorbonne Université). Approches intégrées des risques dits naturels aux temps de l'Anthropocène : intérêt et défis / Integrated Approaches to "Natural" Risks in the Anthropocene: Benefits and Challenges.
- Jean-Cassien BILLIER (UMR Sciences Normes Démocratie, UFR de philosophie, Sorbonne Université). Le risque naturel comme question éthique / Natural Risks as an Ethical Issue
- Discussion

10:15 am-10:45 am - **Coffee break**

10:45 am -11:40 am

Connaître les risques naturels – modélisation et vulnérabilité / Knowing Natural Risks – Modelling and Vulnerability – Moderation: Dr. Ahmed SLIMANI (SAFIR, SUAD) (session in English)

- Giulia DE MASI (SAFIR, SUAD). Natural Hazards from the Ocean: Statistical Models and AI for Extreme Evaluation. An Application to Cyclones / Aléas naturels océaniques : modèles statistiques et intelligence artificielle pour l'évaluation des événements extrêmes. Application aux cyclones.
- Haïfa BEN ROMDHANE in collab. with Petros KATSAFADOS, Pantelis SAVIOLAKIS, and Kosmas PAVLOPOULOS. Exploring Coastal Vulnerability and the Dynamics of Extreme Weather Events with Insights from Tropical Cyclone Shaheen (UAE) / Explorer la vulnérabilité littorale et les dynamiques des événements climatiques extrêmes à partir du cyclone Shaheen (EAU)
- Discussion

11:40 am -12 :30 pm

Connaître les risque naturels – situation actuelle et future aux Emirats-Arabes-Unis / Knowing Natural Risks – Current and Future Situation in the United Arab Emirates - Moderation: Prof. Kosmas PAVLOPOULOS (SAFIR, SUAD; UR Médiations, Sorbonne Université) (session in French)

- Lotfi LAHMAR (SAFIR, SUAD). Les Émirats Arabes Unis face aux défis climatique et anthropique / The United Arab Emirates and the Climate and Man-made Challenges
- Stéphane DESRUELLES (SAFIR, SUAD; UR Médiations, Sorbonne Université) and Damien ARHAN (UR Médiations, Sorbonne Université), Abu Dhabi submergé en 2100 ? Une analyse critique des prédictions fondées sur des modèles globaux / Abu Dhabi Submerged in 2100? A Critical Analysis of Forecasts Based on Global Modelling
- Discussion

Thursday 24 April 2025

09:00 am -10:15 am

Prévenir les risque naturels – encadrement juridique / Prevent Natural Risks – Legal Framework - Moderation: Dr. Julia MOTTE-BAUMVOL (SAFIR, SUAD; Centre Maurice Hauriou, Université Paris Cité) (session in French)

- David KREMER (Université Paris Cité; SAFIR, SUAD). La prévention du risque hydrologique dans le monde romain. Droit et nature, quels rapports? / The Prevention of Hydrological Risk in the Roman World: Law and Nature, What Relationships?
- Beatriz GARCIA (SAFIR, SUAD). Cadre réglementaire et approche transversale de la prévention du risque aux Emirats-Arabes-unis / Legal Frameworks and Cross-Sectoral Approaches to Risk Prevention in the United Arab Emirates.
- Maia HAMROUNI (SAFIR, SUAD; IRDEIC, Université de Toulouse). Le temps politique saisi par les temps écologiques : Précaution, prévention et responsabilités communes mais différenciées en droit de l'environnement / Political Time Intertwined with Ecological Temporalities: Precaution, Prevention and Common but Differentiated Responsibilities in Environmental Law.
- Discussion

10:15 am -10:45 am - **Coffee Break**

10:45 am -11:40 am

Prévenir les risque naturels – encadrement juridique / Prevent Natural Risks – Legal Framework and Planning - Moderation: Dr. Stéphane DESRUELLES (SAFIR, SUAD; UR Médiations, Sorbonne Université) (session in French)

- Derek EL ZEIN (SAFIR, SUAD). Le retour à la nature comme stratégie d'anticipation des risques naturels / The Return to Nature as a Way to Mitigate Natural Risks
- Loick LE ROY (UR Médiations, Sorbonne Université; Artelia). S'adapter aux risques littoraux par anticipation : des sciences aux territoires, de la théorie à la pratique / Adapting to Coastal Risks by Anticipation: from Science to Territories, from Theory to Practice
- Discussion

11:40 am -12:30 pm

Prévenir les risque naturels – atténuation / Prevent Natural Risks - Mitigation - Moderation: Dr. Renaud DEBAILLY (SAFIR, SUAD) (session in English)

- Proscovia SVARD and Victor KABATA (SAFIR SUAD). Engaging in Risk Management: The Role of Archival Institutions in Addressing Climate Change / La contribution des institutions d'archives dans la gestion des risques et la lutte contre le changement climatique.
- Salem BOUBAKRI (SAFIR SUAD). The Effect of Carbon Credit Pricing on Climate Change and GHG Emissions: Exploring the Role of Green Innovation / L'effet de la tarification du crédit carbone sur le changement climatique et les émissions de gaz à effet de serre : exploration du rôle de l'innovation verte.
- Discussion

12:30 pm -1:45 pm

Gérer les crises naturelles - communication, secours et résilience / Responding to Natural Crises – Communication, Rescue, and Resilience. Moderation: Dr. Benjamin MOTTE-BAUMVOL (SAFIR, SUAD) (session in English)

- Ivana BEVERIDGE and Larissa BUKHARINA (SAFIR, SUAD). Effective Communication Strategies for Natural Disaster Management / Efficacité des stratégies de communication pour la gestion des catastrophes naturelles.
- Julia MOTTE-BAUMVOL (SAFIR, SUAD; Centre Maurice Hauriou, Université Paris Cité). The Evolving Legal Framework for Relief Efforts in Climate Change-Related Disasters / Les mutations du cadre juridique des efforts de secours face aux catastrophes liées au changement climatique.
- Discussion

1:45 pm - Lunch