IRIDeS held the "Imagining the Aftermath: Lessons from the 2011 Tohoku Disasters and future issues from Interdisciplinary Science" International Workshop (2022/10/7)

Theme: Disaster Science International Collaboration
Location: Lyon (France), French Embassy (Tokyo), hybrid
URL: https://www.facebook.com/IRIDeSInternationalCollaboration/, https://climatefresk.org

The three-day international workshop "Imagining the Aftermath: Environmental vulnerability and public decision making in a post-disaster context " was organised by Professor Pierre Gras and by École Urbaine de Lyon, October 6-8, 2022. It produced a critical update on risks from contrasting angles and helped to imagine more inclusive and effective public policies concerning the threats to populations and territories.

Three specific topics were proposed to presenters and the public:
1. Risks, vulnerabilities, precariousness: state of the situation and putting into perspective
2. Ethics and public action: are residents and decision-makers more equal in the face of disaster?
3." Imagining the aftermath: what prospective impact on public decision-making?

Assoc. Prof. Sébastien Boret (International Research Collaboration Office) hosted the second day of this event at the Embassy of France with the support of its French National Center for Scientific Research (CNRS) office on October 7, 2022. Representing the Embassy, the Director of the French Institute in Tokyo, Mr Airy Guilleré, welcomed the participants with a few words about the importance of the collaboration of the French and Japanese institutions for the progress of the sciences. It was followed with opening addresses from the director of IRIDeS, Professor Fumihiko Imamura, and the head of the Urban School in Lyon, Professor Michel Lussault. Five of its researchers discussed the lessons from the 2011 Tohoku disasters and the future challenges of interdisciplinary science.

- Introductory lecture - "Social Lives of Tsunami Walls in Japan: Concrete Culture, Social Innovation and Coastal Communities", Sébastien Penmellen Boret
- "Real-time tsunami forecast at Westport using data and implication for policymakers", Louise Hirao Vermare (Masters student, Computational Safety Engineering)
- “A new threshold for tsunami risk assessment in port industries: A case study of Sendai Port", Anawat Suppasri (Tsunami Engineering Lab)
- "A new method for evaluating tsunami damage to coral reefs in the Maldives", Elisa Lahcène (PhD Candidate, Tsunami Engineering Lab)
- "The medical controversy surrounding cases of child thyroid cancer in post-disaster Fukushima", Chiara Ramponi (PhD candidate, Graduate School of Environmental Studies)

Over 80 participants joined the event in Lyon, Tokyo and online. Simultaneous interpretation services were available on-site and online. The discussion that followed these presentations was rich and singular, with both sides building on French and Japanese experiences and perspectives on disasters. In conclusion, the organisers agreed on the importance of Franco-Japanese collaboration and presented a future joint publication on disaster preparedness using interdisciplinary disaster science.
The members of IRIDeS would like to express their most sincere gratitude to Mr Jacques Maleval and Mr Clement Dupuis from the CNRS Office, Mr Airy Guilleré from the Institut Francais in Tokyo, and more broadly, the French Embassy. They also wish to thank Pierre Gras and the École urbaine de Lyon for this opportunity to renew our essential and stimulating collaborations.

In relation to this, Alia Gallet-Pandellé (Master Student, Material Sciences and Engineering), Louise Hirao Vermare held and attended the ‘Climate Fresk’ workshop on October 8, 2022, in collaboration with Minami Shinohara (Codo Advisory), members of the Climate Fresk Japan Association. They facilitated a 3-hour serious game uses 42-cards based on the latest IPCC (Intergovernmental Panel on Climate Change) reports. The workshop represented an excellent addition to the French Embassy conferences addressing how climate change will increase the frequency of extreme weather events and the vulnerability of populations.

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Prof. Pierre Gras, Lyon Urban School

Assoc. Prof. Anawat Suppasri

Louise Vermare, Chiara Ramponi,
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Climate Fresk Workshop,
facilitators and participants

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