

## SELECT PUBLICATIONS and PRESENTATIONS

The Hot Reality: Living in a +50°C World. *University of Birmingham Centre for Sustainable Cooling*, July 2024, Contributor (including section on the consideration of interdependencies in a climate risks assessment).

Asset Management in First Nations Communities, *Webinar, the Institute of Asset Management (IAM)*, May 1, 2024.

Climate Risks Assessment of energy Systems. *3rd Global Summit on Power and Energy Engineering (GSPEE2024)*, March 18-20, 2024.

*Climate Risk Assessment and Climate Data* – Invited guest, Podcast, Environment and Climate Change Canada, [https://climatedata.ca/resource/episode-2-climate-risk-assessments/?\\_gl=1\\*1xkcnlv\\*\\_ga\\*MTY0ODExODU2NC4xNzMwNTQ1MjIw\\*\\_ga\\_3330ZYEQPW\\*MTczMDU0NTlyMC4xLjEuMTczMDU0NTc5Ni41NC4wLjA](https://climatedata.ca/resource/episode-2-climate-risk-assessments/?_gl=1*1xkcnlv*_ga*MTY0ODExODU2NC4xNzMwNTQ1MjIw*_ga_3330ZYEQPW*MTczMDU0NTlyMC4xLjEuMTczMDU0NTc5Ni41NC4wLjA). (English and French), February 2024

A “Suite” Spot – How ISO 55000 (Asset Management) supports Indigenous Communities, *Institute of Asset Management, Assets magazine*, January 2024

Canada’s Energy Sector Resilience – An Overview, *invited presentation at the APEC Energy Resiliency Enhancement Project Workshop*, San Francisco, November 2023. Also Closing Panel Moderator.

Costing Climate Change Impacts to Public Infrastructure (CIPI), *IAM Global Conference, June 2023* (co-presenter)

Adapting Industry to Withstand Rising Temperatures and Future Heat Waves, *Institution of Mechanical Engineers (UK)*, Special Report (April 2023), Contributor and Case Study author.

Comparing Levels of Service Standards (LOSS) to Support First Nations Self-determination. *Asset Management BC Annual Conference*, November 2022.

Impacts of Climate Change in the finances of municipalities of Quebec (in French), *WSP report to the Association of Municipalities of Quebec (French acronym UMQ)*, September 2022, Project Team member.

Asset Management and Climate Risks Assessment for Canada’s First Nations. *Institute of Asset Management (IAM) Global Conference*, virtual, June 2022

The First Nations Infrastructure Resilience Toolkit: Integrating Climate Risks and Asset Management. *Civil Engineering Triennial (CSCE, ASCE, ICE)*, virtual, May 2021

Engineers in a Changing Climate: Case Studies. Université de Moncton - *NB-BRACE Program, Webinar* July 2020 (offered in English and French)

Engineers in a Changing Climate: Risk Analysis. Université de Moncton - *NB-BRACE Program, Webinar* May 2020 (offered in English and French)

Sayão, O., Félío, G. (2020). Dike Vulnerability Due to Sea-Level Rise (Western Canada). In: Fernandes, F., Malheiro, A., Chaminé, H. (eds) *Advances in Natural Hazards and Hydrological Risks: Meeting the Challenge*. Advances in Science, Technology & Innovation. Springer, Cham. [https://doi.org/10.1007/978-3-030-34397-2\\_31](https://doi.org/10.1007/978-3-030-34397-2_31)

First Nations Infrastructure Resilience. *WEAO 2019 Technical Conference (Toronto, ON)*, 2019.

Innovation in Construction: Adapting to Climate Change. *CSCE 2019 Annual Conference - Industry Panel (Laval, QC)*, 2019.

First Nations Infrastructure Resilience & Asset Management Toolkit. *2019 .ca/SES Gathering (McGill University, Montreal, QC)*, 2019.

Managing Infrastructure Risks during its Lifecycle. *Canadian Water Network (CWN) Blue Cities conference (Toronto, ON)*, 2018.

Protocolo para la evaluación de riesgos climáticos para infraestructura y su vulnerabilidad. *Tri-Country (Brazil, Peru, Colombia) Public Infrastructure Investment Forum (Brasilia, Brazil)*, 2018.

First Nations Climate Change Infrastructure Vulnerability and Asset Management Toolkit. *Association of Iroquois & Allied Indians Climate Change Symposium (Oneida, ON)*, 2018.

Incorporando el riesgo climático en la planificación, ingeniería, operación y financiamiento de la infraestructura. *Climate change impacts on infrastructure Workshop - January 22/23 (San Jose, Costa Rica)*, 2018.

Keynote - Managing Assets in the Context of Future "Climate" Uncertainty. *Asset Management BC Annual Conference (Vancouver, BC)*, 2017.

Vulnerable Infrastructure and the Impacts of Climate Change. *Insurance and Risk Forum (Toronto, ON)*, 2017.

The Need for Infrastructure Climate Risk Assessment. *Inter-American Development Bank (IADB) Canada Outreach Day (Washington, DC)*, 2017.

Evaluación de riesgos en infraestructura: el Protocolo de Ingeniería PIEVC. *PPP Americas (San Jose, Costa Rica)*, 2017.

Climate Change, Infrastructure Resiliency and Asset Management. *Transportation Association of Canada (TAC) Geometric Design Standing Committee (Ottawa, ON)*, 2017.

Climate change vulnerability and risk assessment of Akwesasne water and wastewater infrastructure. *Canadian Society for Civil Engineering (CSCE) Annual Conference (Vancouver, BC)*, 2017.

Protocole d'analyse des vulnérabilités des infrastructures et son application récente dans une petite communauté. *Ouranos - Atelier interministériel Outils en adaptation aux changements climatiques pour les municipalités (Quebec City, QC)*, 2017.