From climate science to decisions you can defend.

Downscaled climate projections, risk and infrastructure assessments, design values for extremes, hydrological modelling and forecasting, and low carbon plans that councils, engineers and funders can act on, and the tools to bring them to the people they affect.

Climalogik Inc. · Calgary, Alberta · Founded 2020

Dr. Elvis Asong, President and CEO · asonge@climalogik.ca · +1 (587) 899 9565 · climalogik.ca

34
projects since 2020

10
countries, Canada included

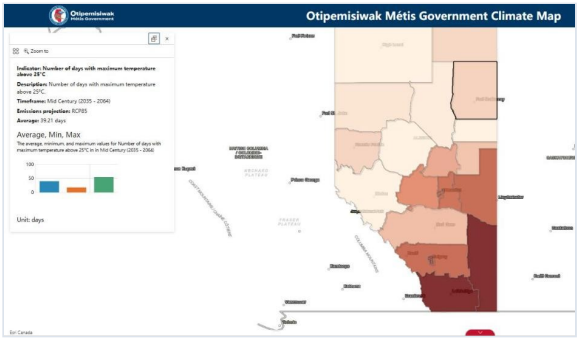
8
provinces and territories

16+
years of senior-led climate and water science

WHO WE ARE

A Canadian climate services consultancy. We produce the climate science behind adaptation and mitigation decisions and deliver it in a form decision-makers can use: a scored risk register, a design value, a streamflow projection, a costed pathway, a map residents can explore.

We work across Canada and in Africa, the Caribbean, the Caucasus, the Middle East, South Asia and Southeast Asia. Dr. Asong leads the science, with a core team and specialist associates in risk assessment, emissions modelling and climate economics matched to each project.



The MNA Climate Map. Days above 25 °C by district, 2035 to 2064, RCP8.5. Shown with the permission of the Otipemisiwak Métis Government.

WHAT WE DO

Climate adaptation

- Climate projections at the scale you govern, downscaled and bias-corrected
- Climate and disaster risk assessment: ISO 31000, ISO 14091, PIEVC and PIEVC Green, ICLEI BARC, Climate Lens, FN-IRT, Sendai Framework
- Design values for extremes: IDF, return levels, PMP, freezing rain, permafrost indicators
- Hydrological modelling and forecasting: streamflow, water yield and reservoir inflows under climate change, forcing data for your own models
- Infrastructure climate assessments: climate loads and thresholds for design, operation and closure
- Capacity building: courses and training for engineers and climate services staff, in Canada and five other countries

Climate mitigation and low carbon resilience

- GHG inventories and emissions pathways
- One plan for climate risk and emissions, with costed scenarios
- Low Carbon Resilience plans as Lead Technical Partner, with REFOCUS Sustainability and ACT, SFU

Climate Intelligence

- The Climate Intelligence Engine: reproducible cloud pipelines for data, indices and maps
- LastMile: your risk assessment on a Climate Map residents can explore, hosted under your name on ArcGIS or QGIS, refreshed as the science changes

Funding and advisory

- Climate rationale for Green Climate Fund and donor proposals
- Independent expert opinions to support legal proceedings

HOW WE WORK

Reproducible science
You receive the data and the method with the report, so any number can be checked and the work rerun.

Plain-language delivery
Summaries, maps and tools written for the people who decide, with the technical report behind them.

Respectful engagement
Indigenous Knowledge held alongside projections, under data-governance terms the Nation sets.

Data you can trace
CMIP6 and CMIP5, NA-CORDEX, CORDEX and RICCAR, CanDCS, NEX-GDDP-CMIP6, ERA5-Land, station networks, WRF downscaling; projections beyond 2100 where the asset outlives the century.

WHO WE SERVE

Municipalities · Indigenous governments · Provinces and territories · Federal agencies · Utilities, mines and infrastructure · International programs

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SELECTED PROJECTS

Government of New Brunswick — 2024–2025
Climate data and risk analysis lead for the province's first climate change risk assessment: projections, 23 indices, likelihood scores for 10 hazards. Published 2026.

Government of Nunavut — 2022–2024
Territory-wide risk and resiliency assessment: 29 indices across 6 hazard categories, likelihood scoring, with Inuit Qaujimajatuqangit. With the Climate Risk Institute.

Climate Ready Mine Project, Giant Mine — 2025–2026
For RFS Energy and the University of Guelph: a bias-corrected CMIP6 climate series, 1960–2150, for perpetual care: freezing and thawing energy, precipitation, water balance, wind.

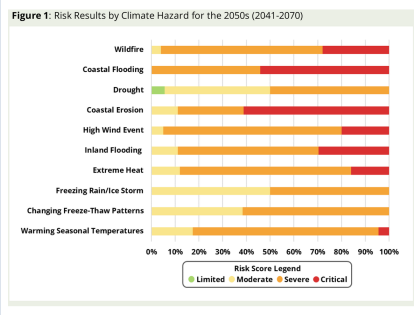
City of London and Dufferin County — 2026–2027
Lead Technical Partner, Low Carbon Resilience program: current-state review, CRVA with an equity lens, GHG inventories, net-zero pathway, costed scenarios. With REFOCUS and ACT, SFU.

Otipemisiwak Métis Government (MNA) — 2024–2025
Climate projections and hazard analytics for 22 districts and 8 hazards; technical design of the MNA Climate Map, with Indigenous Knowledge.

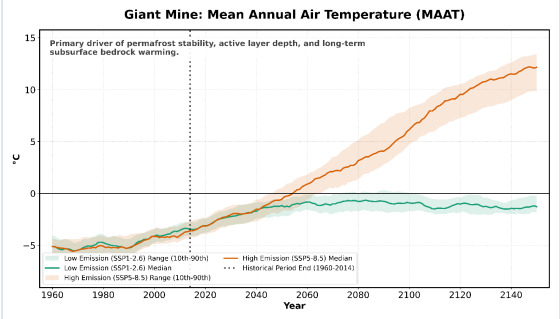
Government of the Northwest Territories — 2023
Projections for the Climate Change Risks and Opportunities Assessment: a 25 km ensemble across the territory.

EPRI, Ontario electric sector — 2024–2025
Climate data, 1950 to 2100: hourly temperature and precipitation, SPEI drought and freezing rain, plus historical streamflow, for adaptation investment prioritization.

GIZ Iraq — 2025–2026
Climate lead with the Climate Risk Institute: five governorate summaries, Iraq's first PIEVC Green assessment, a national resilience guide. For GIZ: the GCF climate rationale for Baghdad, Erbil and Baqubah.



New Brunswick. Risk by hazard, 2050s (GNB summary report, 2026), built on our projections and scores.



Giant Mine, Yellowknife. Mean annual air temperature, 1960 to 2150, two pathways: the driver of permafrost stability.

Also delivered

- **City of Mississauga:** PIEVC Large Portfolio, 90+ asset types
- **Gov-CDR Philippines:** 77 indices for 82 provinces
- **Swampy Cree Tribal Council:** eight First Nations
- **Barbados Water Authority (GCF):** groundwater model inputs

LEADERSHIP



Dr. Elvis Asong — President and CEO, Principal Climate Scientist

Hydroclimatologist with more than 16 years of experience turning climate model output into numbers that engineers, planners and funders act on, in Canada and in Iraq, the Philippines, Pakistan, Lesotho, Georgia and the Nile Basin.

EXPERTISE Downscaling and bias correction · design values for extremes (IDF, PMP) · hydrological modelling and forecasting · climate and disaster risk assessment (ISO 31000, ISO 14091, PIEVC, Sendai) · GCF climate rationale

RECOGNITION IPCC AR6 Expert Reviewer · Adjunct Professor, Global Institute for Water Security, University of Saskatchewan · Associate, Climate Risk Institute · UN CTCN member · AGU, CMOS and CWRA (Board, 2017 to 2019)

TEACHING Author and instructor, CLIM095 Applied Climate Science for Infrastructure Practitioners (Climate Risk Institute and Royal Roads University, yearly since 2021) · training in Cameroon, Mali, the Philippines, Lesotho and Georgia

EDUCATION Ph.D. Hydroclimatology, University of Saskatchewan (Best Doctoral Thesis in Water Security Research) · M.Sc. Water Resources Engineering, Lund University · 8 peer-reviewed papers, 2 open datasets

Partners: the Climate Risk Institute; REFOCUS Sustainability and ACT, Simon Fraser University (Low Carbon Resilience). **Other clients:** Canadian Centre for Climate Services · Natural Resources Canada · Water Security Agency, Saskatchewan · UNICITI.

COMPANY DATA FOR VENDOR FORMS

LEGAL NAME AND HEAD OFFICE
Climalogik Inc., founded 2020 · Suite 340, 600 Crowfoot Cres NW, Calgary, AB T3G 0B4

STRUCTURE AND LANGUAGE
Canadian corporation; core team and specialist associates · Working language: English

PROCUREMENT CODES
NAICS 541620 Environmental consulting services · 541690 Other scientific and technical consulting services

STANDARDS FOLLOWED
ISO 31000 · ISO 14091 · PIEVC and PIEVC Green · ICLEI BARC · Climate Lens · FN-IRT · CCME guidance · IPCC AR6 climatic impact-driver framework · CSA PLUS 4013 (rainfall IDF) · CDA Dam Safety Guidelines (2013) and technical bulletins: hydrotechnical, mining dams (2019), tailings dam breach analysis (2021)

REGISTRATIONS AND INSURANCE
CRA business number, Procurement Business Number, insurance certificates and WCB clearance on request

How to engage A 30-minute call with a climate scientist · a sample RFP deliverables clause · the LastMile pack · **asonge@climalogik.ca** · LinkedIn

Figures: New Brunswick chart reproduced from the Government of New Brunswick summary report (2026). Giant Mine chart from the Climate Ready Mine factsheet (RFS Energy and the University of Guelph), climatereadymine.ca. Page 1 map shown with the permission of the Otipemisiwak Métis Government.