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English

**United Nations Group of Experts on
Geographical Names
2025 session**

New York, 28 April – 2 May 2025

Item 5 (b) of the provisional agenda *

Technical expertise: Geographical names data management

**Geographical names for providing weather forecast
information in Canada**

Summary **

In 2019, the Meteorological Service of Canada (MSC), which is Canada's authoritative source for weather and environmental conditions, as well as water, ice and climate data, launched the WeatherCAN Mobile Application to provide accessible weather information. The MSC is managed by Environment and Climate Change Canada (ECCC), a department of the Government of Canada.

One of the requirements of this application is the ability to provide accurate, standardized and authoritative place name information so users can locate themselves and receive weather forecasts and alerts. ECCC has partnered with Natural Resources Canada (NRCan), another department of the Government of Canada, to ensure accurate place names are represented in the application by using a subset of the Canadian Geographical Names Database (CGNDB), Canada's official national geographical names database.

The full report provides further information and lessons learned regarding the use of geographical names data for providing weather forecast information in Canada.

* GEGN.2/2025/1.

** The full report was prepared by Steve Westley, Francis Savignac, Canada, Government of Canada. The report will be available under document symbol GEGN.2/2025/99/CRP.99, in the language of submission only, at https://unstats.un.org/unsd/ungegn/sessions/4th_session_2025/