



**Maria Mendez de Lopez**  
Environmental Specialist

**Office**  
Montréal

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**Expertise**  
Environmental and Indigenous

Maria brings more than two decades of experience as an environmental engineer to her role as Environmental Specialist.

Maria conducts environmental due diligence reviews, ensures regulatory compliance and assists with transactions involving environmental risk on projects across Canada. A registered engineer, she has extensive expertise in environmental site assessments, remediation of contaminated sites, hydrogeological studies, environmental impact studies and contaminant dispersion modelling. Maria has a deep knowledge of the provincial and federal laws, regulations and guidelines relating to soil and groundwater contamination, air emissions, waste management, wastewater discharges, toxic substances and spills.

Maria is fluent, both written and spoken, in French, English, Spanish and Portuguese.

## INSIGHTS

Determination of Flux and Transport Parameters for Heterogeneous Aquifers Using an Inverse Method Based on Fractal Attractors (PhD Thesis)  
Jan. 01, 2000

Buoyant Plumes from Multiport Diffuser Discharge in Deep Coflowing Water, co-author  
Aug. 01, 1996

Multiport Diffuser Plume Trajectories in a Coflowing Current, co-author  
Jan. 01, 1995

Experimental Investigation on Unidirectional Multiport Diffuser Discharges in Deep Coflow (MS Thesis)  
Jan. 01, 1992

## EDUCATION

Universidade de São Paulo (Brazil), PhD (Environmental Engineering Sciences), 2000

Cornell University (USA), MSc (Civil & Environmental Engineering), 1992

Universidad Católica Andrés Bello (Venezuela), DCE, 1986

## PROFESSIONAL AFFILIATIONS

Canadian Green Building Council (LEED AP)

Ordre des Ingénieurs du Québec (OIQ)

## TEACHING ENGAGEMENTS

Maria was a professor at the Universidad Católica Andrés Bello in Venezuela, where she taught Sanitary Engineering (involving water quality and water

# DAVIES

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treatment) as well as a graduate course on groundwater (hydrogeology).

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