

Tremblay, A., Lambert, M. 2003

Developing a New Technique for Measuring Greenhouse Gas Emissions in Reservoirs.
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Abstract: Canadian utility Hydro-Québec is using a new technique for sampling and analyzing greenhouse gas emissions from reservoirs, lakes, and rivers. The method, originally developed by Professor Richard Carignan of the University of Montreal in Québec, Canada, comprises an inexpensive floating chamber and an automated measurement instrument. The use of the new technique has proven to be more effective and efficient than previous methods, and has enabled Hydro-Québec to more accurately depict the quantity of greenhouse gases that are emitted from hydroelectric project reservoirs.