

CWSF 2005 - Vancouver, British Columbia



Dustin Hughes

It's Raining... Carbon?

Division: Earth & Environmental Sciences

Category: Senior

Region: Timmins

City: South Porcupine, ON

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Abstract: A wind column transforms downward flowing air, producing 89 MWh of continuous energy, removing 26 Gt/a of atmospheric CO₂, using H₂O, CaO and 55t of radioactive nuclear waste. The process provides a means to achieve the Kyoto protocol, leading to environmental sustainability by using atmospheric CO₂ as a recyclable fuel.

Awards	Value
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Earth & Environmental Sciences - Senior Sponsor: Petro-Canada	\$700
Total	\$4 200