

# CWSF 2008 - Ottawa, Ontario



## Andrew Foody

### The Missing Piece of Global Warming

**Division:** Engineering & Computing Sciences / None

**Category:** Senior

**Region:** Ottawa

**City:** Ottawa, ON

**School:** Ashbury College

**Abstract:** The IPCC's projection for sea level rise assumes that ice flow from Greenland's glaciers will remain constant even as global temperatures increase. This project was designed to challenge the IPCC's assumption by finding a relationship between temperature and ice flow. A model based on this relationship and NASA satellite data indicates that the IPCC may have underestimated future sea level rise by approximately 25%.

#### Biography

My name is Andrew Foody, I am in Grade 11 student attending Ashbury College in Ottawa, Ontario. I am very interested in environmental issues, not only have I done a project on the subject but I have spent countless hours volunteering to make a difference. Although I do not know what I would like to do in the future, I do not want to "close doors". To that end, I have engaged in a wide variety of extracurricular activities at my school, ranging from debating to protein modelling, all while pursuing an IB diploma.

#### Awards

#### Value

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|--|----------------|
| Dalhousie University Faculty of Science Entrance Scholarship<br>Senior Silver Medallist - \$2000 Entrance Scholarship<br>Sponsor: Dalhousie University, Faculty of Science | \$2 000        |
| UBC Science (Vancouver) Entrance Award<br>Senior Silver Medallist - \$2000 Entrance Scholarship<br>Sponsor: The University of British Columbia (Vancouver)                 | \$2 000        |
| The University of Western Ontario Scholarship<br>Silver Medallist - \$1500 Entrance Scholarship<br>Sponsor: University of Western Ontario                                  | \$1 500        |
| University of Ottawa Entrance Scholarship<br>Senior Silver Medallist - \$3000 Entrance Scholarship<br>Sponsor: University of Ottawa  | \$3 000        |
| Silver Medal - Earth & Environmental Sciences - Senior<br>Sponsor: Petro-Canada  | \$700          |
| <b>Total</b>   | <b>\$9 200</b> |