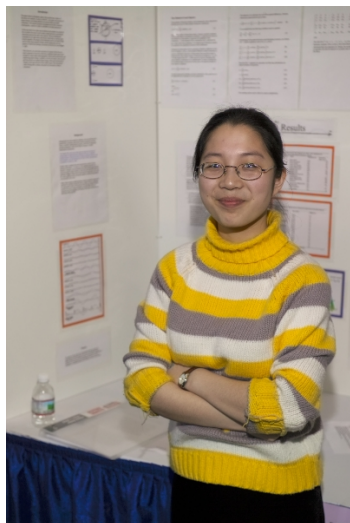


CWSF 2005 - Vancouver, British Columbia



Shuang Han

Harmonic Analysis of Tides and Sea Level Prediction

Division: Earth & Environmental Sciences

Category: Senior

Region: Eastern Newfoundland

City: St. John's, NL

School: Holy Heart of Mary

Abstract: This study evaluated the impact of non-tidal forcing on sea level variability by reproducing and predicting tides for St. John's, Newfoundland. Residual sea level analysis showed significant weather-band, seasonal, and long-term variation, indicating the need for an improved method to account for non-tidal factors in prediction of real-world sea level.

Awards	Value
Petro-Canada Peer Innovation Award - Senior - Atlantic	\$200
Sponsor: Petro-Canada	
Total	\$200