

CWSF 2007 - Truro, Nova Scotia



Joan Cannon

Islands in the Sun

Division: Engineering & Computing Sciences / None

Category: Junior

Region: Frontenac, Lennox & Addington

City: Kingston, ON

School: Calvin Park P.S.

Abstract: This project shows that it is economically feasible and environmentally acceptable to forestall global warming by manufacturing Mylar-reflective-film-covered, polystyrene-foam islands and floating them in the tropical oceans, between the 15° and 35° latitudes in both hemispheres, to reflect back into space some of the sun's in-coming radiant energy. Total required ocean surface coverage would be as little as two-thirds the size of Vancouver Island.

Biography

Joan Cannon attends the Challenge Program at Calvin Park Public School in Kingston, Ontario, where she enjoys all her academic studies and participates actively in the School's sports and music programs. Outside of school, Joan sings with the award-winning Cantabile Girls Choir, competes Ontario-wide with the Pegasus Volleyball team, competes successfully in provincial and national tennis championships, and participates in track and field, basketball, curling, swimming, and downhill skiing. Joan has traveled widely with her parents, including several trips to Asia and Europe, tennis holidays in Florida and the Bahamas, and ski vacations. Joan is also a voracious reader. Joan's recent accomplishments include: Best of Fair (Gold Medal) Project at the 2007 FLASF Science Fair; Silver Medal in the Primary Division of the Human Health Sciences Category at the 2006 FLASF; First Place in the Bantam Girls 1500 meter race and Second Place in the 800 meter race at the Limestone District Track Meet on June 13, 2006; Third Place in the Ontario Provincial Girls Under-12 Singles Tennis Championship and First Place in the Doubles Championship in July 2006; Winner of the Third Flight in the Girls Under-12 National Outdoor Junior Tennis Championship, and National Doubles Champion, in August 20...

Awards

Value

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| The Actuarial Foundation of Canada Award - Junior | \$500 |
| Honourable Mention - Earth & Environmental Science - Junior | \$100 |
| Sponsor: Petro-Canada | |
| Total | \$600 |