



## CWSF 2006 - Saguenay, Québec



## **Johnny Adamich**

## A Concrete Solution to Scrap Tires

**Division:** Health Sciences

Category: Junior

**Region:** Simcoe County **City:** Barrie, ON

School: St. Monicas School

**Abstract:** This project investigated adding ground scrap tire to concrete and it's affect

on compressive strength and workability. Experiments were conducted replacing some of the sand in concrete with ground tire. The results showed that as more ground scrap tire was added, compressive strength dropped,

however, the concretes remained very workable.

Awards	Value
CSSE Engineering Innovation Award - Junior	\$1 000
Sponsor: Canadian Society for Senior Engineers	
Carlson Wagonlit Award - Junior	\$500
Sponsor: Carlson Wagonlit Travel	
Honourable Mention - Engineering - Junior	\$100
Sponsor: Youth Science Foundation Canada	
Total	\$1 600



