



**November 12-14, 2009**  
**DoubleTree by Hilton - Toronto Airport**

The theme for this conference captures the intent to provide a conference featuring information and practical learning experiences that will enable teachers to confidently and competently implement the revised Science and Technology (Grades 1-8) and Science (Grades 9-12) curricula. As the sub-theme indicates, the renewed emphasis on the investigation skills of Scientific Inquiry and Technological Problem Solving will be addressed with a variety of hands-on, classroom-ready activities, and resources.

- **Climate Change Education: Meeting the Challenge**
- **Steps to Inquiry Using “Smarter Science” (including a provincial launch event)**
- **Exploring Relevant STSE Issues with Wikis**
- **Problem-Based Learning in Your Classroom**
- **Bringing Biotechnology to the Classroom**
- **Beginning Teachers’ Workshop**
- **and much more!**

The Program Committee has prepared a comprehensive and balanced program with topics and issues related to all aspects of Science and Technology (Grades 1-8) and Science (Grades 9-12) education; they have assembled a group of dynamic and knowledgeable presenters. Several exciting Keynote Speakers will be presenting each day, including the following:

- **Jay Ingram: ‘Cool Ideas’** - This adaptation of the popular Daily Planet special series on global warming written by host and awarding-winning science writer Jay Ingram, explains what global warming is and possible solutions-even extreme solutions-for dealing with our warming planet.
- **Maude Barlow: ‘The Global Water Crisis and You’** - The world is on the brink of a water crisis that will have profound ecological and human consequences. Maude Barlow will outline the nature of this threat and challenge us all to become part of the solution.

There will be **more than 250 sessions** at the conference, addressing all aspects of the curriculum, including **scientific investigation skills, environmental education, assessment and evaluation**, as well as many **hands-on workshops**. Every effort has been made to have something for everyone. The conference will also offer a number of **ScienceWorks** double session

workshops as another great opportunity to gain experience and ideas that can be transferred directly to the classroom. In addition, over 120 exhibitors will share their excellent resources with delegates.

**For program and registration information please go to: [www.stao.org](http://www.stao.org)**

STAO2009 provides a unique opportunity for teachers to gain new understanding and practical applications of how Science and Technology relate to world issues.

Please join us at this outstanding professional learning community event.

Ron Ballentine and Jane Forbes  
Co-Chairs: STAO2009