

## **“Soil Science: The Centre of It All”**

**Joint Annual Meetings for the Canadian Society of Soil Science,  
Canadian Society of Agricultural and Forest Meteorology, and the Manitoba  
Society of Soil Science  
Winnipeg, Manitoba - July 22-25, 2013**

### **Plenary Session**

The conference will open up on Tuesday morning with an enthusiastic “dream team” of plenary speakers that will address a variety of topics that describe the relationship between soils and the atmospheric and aquatic environments. The four invited speakers that have agreed to share their perspectives on this issue include:

**April Leytem**, USDA-ARS Scientist, Northwest Irrigation and Soils Research Lab, Kimberley, Idaho. April's presentation will focus on **“Effects of soil processes on air and water quality.”** Given her outstanding work in the agricultural nutrient losses to surface water, as well as atmospheric emissions from livestock operations, April's career is a living testament to the conference theme. For more information about April, go to: <http://www.ars.usda.gov/pandp/people/people.htm?personid=22294>

**Henry Janzen**, AAFC Research Scientist, Lethbridge Research Centre. The title for Henry's plenary presentation is **“Impacts of land management on the atmosphere ... and vice versa.”** Henry is highly regarded nationally and internationally for his work on greenhouse gases, climate change and agricultural sustainability in general. For more information about Henry, go to: <http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181941018812&lang=eng>

**Phil Haygarth**, Professor, Lancaster University and President of the British Society of Soil Science. Phil's plenary talk is on **“Effects of agricultural land management on water quality.”** In addition to a large number of research papers and book chapters on this subject, Phil is also author and co-editor of the CAB International book, "Agriculture, Hydrology and Water Quality." For more information about Phil, go to: [http://www.lec.lancs.ac.uk/people/phil\\_haygarth](http://www.lec.lancs.ac.uk/people/phil_haygarth) ... or view his enthusiastic YouTube video on the importance of soils ... <http://www.youtube.com/watch?v=VBbtAuAKPYw>

**Satish Gupta**, Professor, University of Minnesota. The title for Satish's plenary presentation is **“Climate and land management effects on river discharge and water quality.”** Satish has lead a wide variety of research projects related to soil, water and nutrient management including recent work that traces a large proportion of suspended sediment in water bodies to stream and river channels, not agricultural fields. For more information about Satish, go to: <http://www.swac.umn.edu/People/SatishGupta/index.htm>