

THE CANADIAN SOCIETY FOR SENIOR ENGINEERS

You are invited to a dinner meeting of the Canadian Society for Senior Engineers on Jan. 29. Bar opens 5:30 p.m., followed by dinner at 6, at the Best Western Cedar Park Inn, 5116 Gateway Blvd., Edmonton. Dinner costs \$35.

The topic will be *A Different Look at Climate Change*, which challenges some of the current theories of cause, effect and options to mitigate human impacts on climate. A starting point in the discussion will be the fact that water consumption, or human enhanced water evaporation, adds 100-1,000 times more mass of water into the atmosphere than the total mass of incremental human carbon emissions. With a global warming potential of 10-100 times that of carbon dioxide, are water emissions getting the proper credit as contributors to regional climate changes and warming?

This same water use also is the source of significant local impacts on water supplies and water quality. Can focusing on water, rather than carbon, create a significant change in how societies approach solutions to climate change and meeting future needs for water and energy?

The speaker will be Bruce Peachey, P.Eng., FCIC, the president of New Paradigm Engineering Ltd. and the author of several papers on the inter-relationship of water, energy, carbon and the environment. Mr. Peachey is a 1976 graduate of the University of Saskatchewan, a founding member of the Petroleum Technology Alliance Canada and chair of the Energy Subject Division of the Chemical Institute of Canada.

To confirm your attendance please reply to Bob Taylor at taybob@shaw.ca, Andy Jones at andyjones@xplornet.com or Don Peterson at 780-489-7973 by Jan. 23 at the latest.