

## **Friends of Science Society Position Statement**

Our goal is to encourage and assist the Canadian Federal Government to re-evaluate the Kyoto Protocol by engaging in a national public debate on the scientific merit of Kyoto and the global warming issue, and to educate the public through dissemination of relevant, balanced and objective technical information on this subject.

While FoS does not do any original scientific research, it draws on the worldwide body of work by scientists in all fields relating to global climate change.

It is our opinion that the Sun is the main direct and indirect driver of climate change.

Variations in solar activity and cosmic rays correlate to temperature much better than CO<sub>2</sub>. This may be because an electro-magnetically active sun diverts cosmic rays from hitting the atmosphere. Cosmic rays have been shown experimentally to assist in cloud formation. Fewer cosmic rays result in reduced low cloud cover, which allows more sunlight to warm the Earth's surface.

The United Nations - IPCC reports have been misrepresented by the non-scientific IPCC bureaucrats in preparing the Summary-for-Policy-Makers. Recent research casts doubt on historical data used by the IPCC. Urban effects have contaminated surface temperature data. Some measured CO<sub>2</sub> levels of the past 180 years appear to be in excess of present levels.

Current climate computer models are unsuitable for making reliable climate forecasts mainly because they assume without justification that CO<sub>2</sub> is the major driver of climate. The cosmic ray effects on clouds are ignored. The input assumptions are adjusted to make the temperature projections match recent temperature trends, thereby grossly exaggerating the effects of CO<sub>2</sub> on the climate. The models, in response to CO<sub>2</sub>, predict a distinctive temperature profile in the atmosphere, which is totally absent from the observational record.