

# ANNOUNCEMENT

The USF **INTERDISCIPLINARY STATISTICAL SCIENCES GROUP (ISSG)** is a new interdisciplinary research group with a wide range of quantitative experts located within various departments at USF. Members of this group include experts in Statistics, probability, mathematics, biostatistics, engineering, health sciences, and business.

The vision of the USF- **ISSG** is to foster and create the best resources for data analysis including BIG DATA analytics in the **state of Florida**, and lead the University's Data intensive research and graduate education.

USF-ISSG will host University wide colloquiums on various aspects of statistical sciences and big data. We invite you to our *first ISSG colloquium*.

## GLOBAL WARMING

### Myth and Reality

What Causes Carbon Dioxide in Our Atmosphere

Professor **Chris P. Tsokos**  
Distinguished University Professor  
Mathematics and Statistics

#### Abstract

Global warming is the interaction of atmospheric temperature and carbon dioxide, CO<sub>2</sub>, in our atmosphere. Myth and Reality - misleading promotional strategies without supporting scientific facts. Through data driven statistical modeling, we will identify and rank the industries that contribute almost all the CO<sub>2</sub> in the atmosphere in the continental United States. Such information is extremely important to establish national policies to control CO<sub>2</sub> in our atmosphere. A similar statistical analysis and modeling identifies the causes of CO<sub>2</sub> in the European Union countries, EU. What is most interesting is that the top contributors of CO<sub>2</sub> in the U.S. are the least contributors in EU countries. These findings do not support the significant effort for common international policies for GLOBAL WARMING. Similar results will be presented for South Korea and compared with U.S. and EU. We shall also discuss the methodologies involved in processing atmospheric temperature in the U.S. with proposed new and more effective process.

**"Let the real data do the talking"**

**Room 2003/ College of Public Health**

**1pm~2pm on Friday September 26, 2014**