

GLOBAL WARMING: THE GREATEST CHALLENGE TO SOCIETY AND SCIENCE



Bassam Z. Shakhashiri
Professor of Chemistry
The William T. Evjue Distinguished Chair for the Wisconsin Idea
Director, Wisconsin Initiative for Science Literacy
Department of Chemistry
University of Wisconsin-Madison

Please join UW-Madison Chemistry Professor [Bassam Shakhashiri](#) for an interactive session on the science of climate change, greenhouse gases, and ocean acidification. This will take place on **Monday, February 24 at 4pm in the Wentz Science Center, Room 101 (Auditorium).**

Climate change affects everyone, so everyone should understand why the climate is changing and what it means for them, their children, and future generations.

Concentrations of greenhouse gases in Earth's atmosphere are higher and increasing faster than at any time in the past 1 million years. The average temperature of Earth is increasing, ice is melting, oceans are acidifying, and extreme weather events are more frequent. Human activities, principally the combustion of fossil fuels, are a major source of greenhouse gases and a major driver of climate change. Individuals and groups must adapt to changes that have already occurred. Reducing emissions is required to avoid a warmer planet. Lifestyle decisions that reduce energy consumption are actually meaningful steps.

We must engage in respectful conversations on climate change and on the policies and actions that individuals, communities, and nations might take to mitigate and adapt to what is happening to our planet.

The session will include several demonstrations related to the science of climate change.