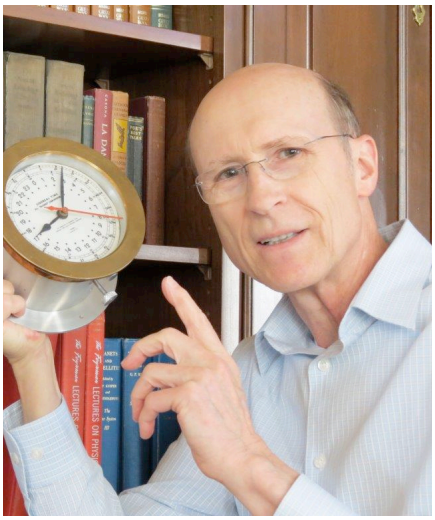
Santa Fe Science Café for Young Thinkers

"Understanding Global Warming"



Donald Neidig
National Solar Observatory (Retired)

Wednesday, September 10
6:00-7:30 PM

Georgia O'Keeffe Museum
Education Annex
123 Grant Avenue, Santa Fe

Exactly what do we mean by global warming? How can we be sure it's happening and how can we identify its cause? These basic questions are explored using observational data and scientific reasoning. Despite the complexity of the climate system, it is possible to understand how Earth's surface temperature responds to increased concentrations of atmospheric carbon dioxide and other greenhouse gases. The present human-caused warming of climate really is not surprising, as similar patterns of change in temperature and atmospheric composition are known to have occurred in Earth's distant past.

Admission is Free. Youth (ages 13-19) seating a priority. Light refreshments will be served.

Don is a retired astrophysicist, having studied solar activity at the National Solar Observatory for 28 years. He has also been a high-school science teacher and a professor at several colleges. He has degrees in chemistry and astronomy, and took up the study of climate change as a retirement project in 2004. Presently he is chairman of the Academy for Learning in Retirement, New Mexico State University.

Sponsors: Santa Fe Alliance for Science; Santa Fe Public Schools; Georgia O'Keeffe Museum; Santa Fe Institute. Call 603-7468 for more information.