

# **CLIMATE CHANGE: AN INCONVENIENT TRUTH REVISITED**

**Wednesday, September 25<sup>th</sup>**

**6:00 – 7:00 p.m. in Room 405**

**Led by Greg Denton**



Did you know that continuous temperature measurements began in England in 1659 and data have been collected worldwide since 1880? And the ten hottest years on record have been the last ten (2014-2023) with 2024 poised to supplant 2023 as the hottest year on record? Did you know that in March of 2022 temperatures in Antarctica measured 70 F degrees above normal and that continued melting of the Antarctic and Greenland icepacks will raise the level of the oceans multiple meters, at a time when one-third of the world population lives less than 60 meters above sea level? And that if, however unlikely, the Greenland icepack completely melted, the movement of so much mass from one place to another could alter the earth's rotation, according to NASA scientists?

More importantly, do you accept this as true or do you wonder if scientists are unnecessarily trying to scare Americans into making sacrifices that other countries are unwilling to make, or if perhaps the truth is somewhere in the center? And how does our understanding of climate change intersect with the United Methodist Social Principles, which reflect God's call to care for creation?

Greg Denton, retired environmental scientist for the Tennessee Department of Environment and Conservation, will present some of the data documenting our changing planet, explain how greenhouse gasses contribute to these trends, identify where these pollutants come from, and examine how we might respond.