

# Economic Growth and CO<sub>2</sub> - Realism and Climate Policy from the Thermodynamics of Civilization

A Public Talk by Dr. Rick Nolthenius  
Cabrillo College Astronomy

Thursday Evening Nov 17 at 7pm in the STEM Building ground floor – Room 806

*The discussion will explore the work of cloud physicist and innovative systems thinker Professor Tim Garrett and his synthesis of thermodynamics and the growth of civilization, with further connections from Dr. Nolthenius. These place severe limits on realistic climate policy options. Lowering atmospheric CO<sub>2</sub> while pursuing global economic growth will require decarbonizing our energy sources at rates far faster than may be possible.*

