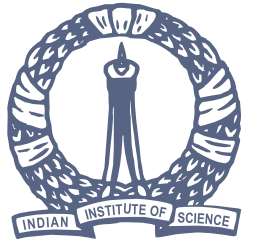


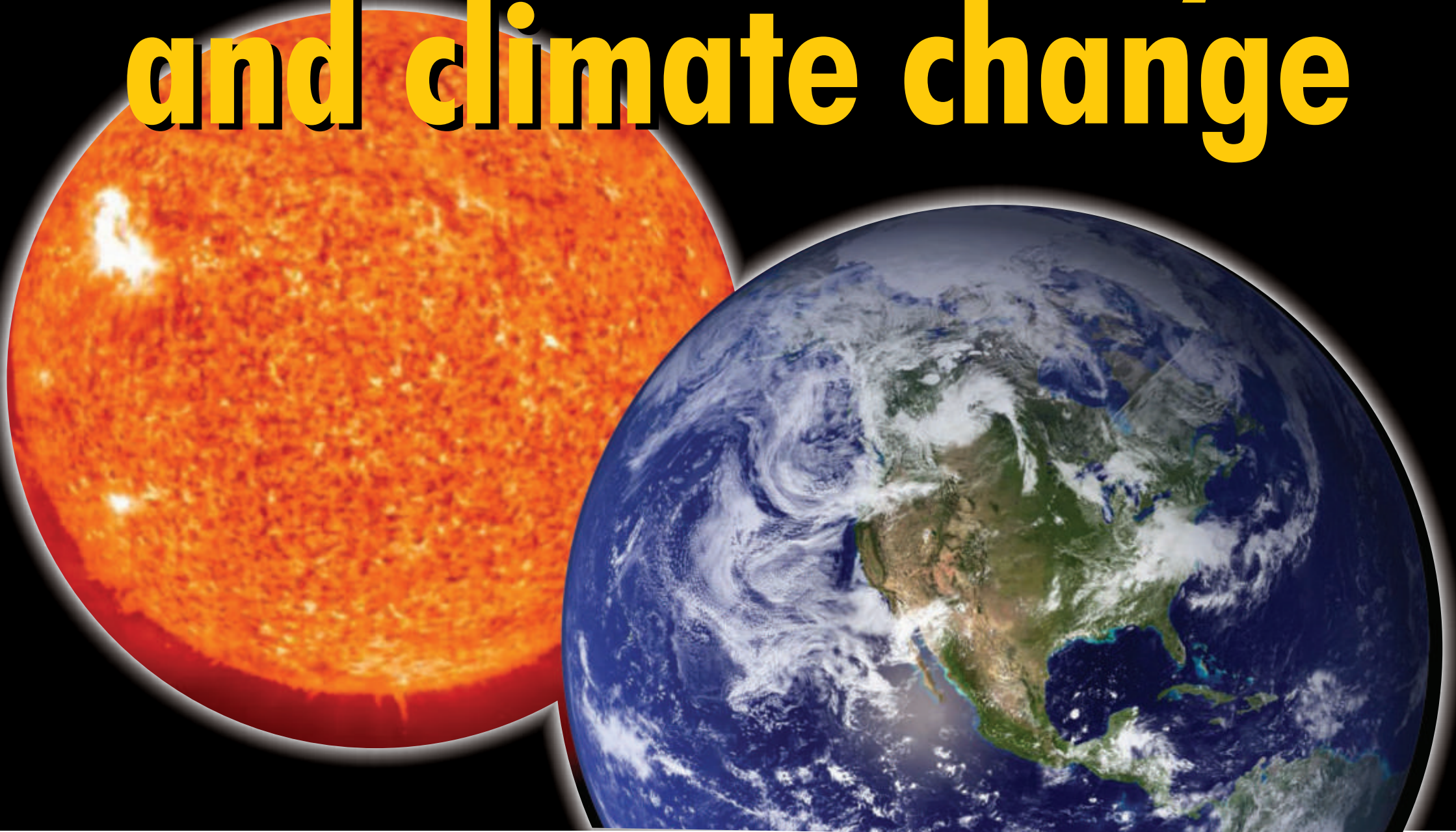


Divecha Centre for Climate Change
INDIAN INSTITUTE OF SCIENCE
Bengaluru



SEVENTH
JEREMY GRANTHAM LECTURE
ON CLIMATE CHANGE

**Solar variability
and climate change**



Wednesday 7 January 2015, 3.30 pm
at Divecha Centre for Climate Change Auditorium
INDIAN INSTITUTE OF SCIENCE, Bengaluru



Joanna D. Haigh
CBE FRS
Co-Director Grantham Institute
Climate Change and Environment
Imperial College, London

Do changes in the Sun affect the Earth's climate? Observations of sunspots date back to at least the 2nd century BC, and so have speculations that sunspot numbers are related to weather. The advent of satellite measurements of solar irradiance has enabled considerable progress to be made in establishing evidence of solar-climate links on a range of timescales. In this talk I will review some of this evidence and outline mechanisms which might produce the apparent signals, given the relatively small changes in solar irradiance.