



2009-2010 SYNTHESIS UNIT

GLOBAL CLIMATE CHANGE

MONDAY, JANUARY 25, 2010

- 8:00 a.m. Chris Funk, Ph.D., Research Geographer, U.S. Geological Survey
Climate Change: Theory, Evidence, Impacts—Who's Getting the Short End of the Hockey Stick
- 9:00 a.m. Tod Cossairt, Director of Sustainability, Besant Hill School
Educating for Sustainability: The Big Picture
- 10:00 a.m. Brian M. Fagan, Ph.D., UCSB Professor Emeritus, Anthropology
Global Warming in the Past: How Our Ancestors Coped
- 11:00 a.m. John M. Melack, Ph.D., UCSB Professor, Ecology, Limnology, Remote Sensing
Earth System Science and Global Climate Change
- 1:00 p.m. Ben Halpern, Ph.D., Associate Research Biologist, National Center for Ecological Analysis and Synthesis
Mapping the Impact of Humans on Global Oceans
- 2:00 p.m. Terry Dressler, Director / Air Pollution Control Officer, Santa Barbara County Air Pollution Control District
State and Federal Climate Protection Regulatory Initiatives: Development and Implementation

TUESDAY, JANUARY 26, 2010

- 8:00 a.m. Mel Manalis, Ph.D., UCSB Research Physicist and Senior Lecturer, Environmental Studies
The Greenhouse Effect and Fossil Fuels
- 9:00 a.m. Robert Deacon, Ph.D., UCSB Professor, Economics and Environmental Science
The Role of Forests in Climate Change Policy
- 10:00 a.m. Ed Keller, Ph.D., UCSB Professor, Earth Science and Environmental Studies
The Science of Climate Change
- 1:00 p.m. Leila Carvalho, Ph.D., UCSB Assistant Professor, Geography
Climate and Climate Change Over Time
- 2:00 p.m. Matt Thomas, Ph.D., Electro-Optical Engineer, ATK Mission Research
Climate Change Impacts from Aerosols: Mineral Dust, Biomass Smoke, Industrial Sulphates, and Volcanic Emissions

WEDNESDAY, JANUARY 27, 2010

- 8:00 a.m. James Kwako, M.D., Physician, Family Practice
Cows and Climate Change
- 9:00 a.m. Climate Change Film(s)
- 10:00 a.m. Shawn Johnson, Senior Hydrologist, County of Santa Barbara
The Hydrologic Cycle and Water Resources Associated with Global Warming
- 11:00 a.m. Climate Change Film(s)
- 1:00 p.m. Ethan Stewart, Staff Writer, Santa Barbara Independent, and Kodiak Greenwood, Freelance Photographer
Operation Copenhagen: The Good, the Bad, and the Ugly of the Biggest Climate Change Party Ever
- 2:00 p.m. Climate Change Film(s)