

**Annual CAPS Technology & Science Division Seminar in the afternoon (2-5pm) of July 27 at CCC-II, 9443 Telstar Ave., El Monte, CA 91731.**

Global Warming seminar

(provide information on the scientific facts and some advance research on the Climate Change. )

"Detecting Global Ocean Change From Space: From El Niño to Sea Level Rise" by Lee-Lueng

Dr. Lee-Lueng Fu is a Senior Research Scientist at the Jet Propulsion Laboratory, California Institute of Technology. He has been the Project Scientist for JPL's satellite altimetry missions since 1988, including TOPEX/Poseidon, Jason, and Ocean Surface Topography Mission/Jason-2. He received a B.S. degree in Physics from National Taiwan University (1972) and a Ph.D. in Oceanography from Massachusetts Institute of Technology and Woods Hole Oceanographic Institution (1980). He joined JPL in 1980 as a member of the technical staff.

Dr. Fu's research has been focused on the dynamics of ocean waves and currents ranging from small-scale internal gravity waves to ocean basin-scale circulation. Since 1988 he has led an international team of oceanographers and geophysicists in the development of precision altimetric measurement of ocean surface topography from TOPEX/Poseidon and its follow-on, Jason, resulting in a decade-long data record for the study of large-scale ocean variability ranging from El Niño to global mean sea level change.

Dr. Fu is a member of the National Academy of Engineering. He is also a Fellow of the American Geophysical Union and the American Meteorological Society, and a recipient of the Verner E. Suomi Award of the American Meteorological Society for his leadership and contributions in satellite altimetry and its applications to earth sciences. He is also a recipient of the NASA Exceptional Scientific Achievement Medal, the NASA Outstanding Leadership Medal, and the Centre National d'Etudes Spatiales Medal for his scientific and programmatic contributions to satellite remote sensing of the ocean.

“Global Warming - Fact or Fiction?” by Eddy Huang, PhD.

1. What is Global Warming?
2. Fact or Fiction?
3. Scientific Evidence
4. Causes of Global Warming?
5. Impact of Global Warming

## 6. What can we do to help?

### Questions and Answers

Dr. Huang is Air Quality Director at Tetra Tech. Dr. Huang has 20 years of experience in air quality research and has managed various air quality programs including the Port of Los Angeles As-Needed Air Quality Services, City of Los Angeles On-Call Air Quality Professional Services, and the Port of Long Beach Professional Air Quality Services. Dr. Huang served as Principal Investigator for three US EPA air research programs, four CARB research programs, one California Energy Commission program, and six South Coast Air Quality Management District programs. He has been involved in ambient air monitoring, Best Available Control Technology, Climate Action Plan, greenhouse gas emission inventory, health risk assessment, mobile source testing, and various technology demonstration program.

Dr. Huang received his Ph.D. degree from Purdue University, a M.S. from Texas A&M University, and a B.S. from National Taiwan University. All three degrees are in Chemical Engineering.