



The Keck Institute for Space Studies,  
the USGS and The Planetary Society  
present a public lecture on

## **Modern Methods of Observing Earthquakes:**

**What We Have Learned About  
Haiti and Chile  
Using Seismology and Space Observations**

**Tuesday, March 30, 2010**

**8:00 - 9:30 pm**

**Beckman Auditorium**

**California Institute of Technology**

**Moderator: Lucile Jones, USGS**

### **Speakers:**

**Mark Simons**, Professor of Geophysics - Caltech

**Anthony Sladen**, Research Seismologist - Caltech

**Ken Hudnut**, Geophysicist - USGS

**Rich Briggs**, Research Geologist - USGS

**Eric Fielding**, Research Scientist - NASA/JPL

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*This lecture will provide an overview of the results obtained from analyzing the information gathered on the recent earthquakes which struck Haiti (January 12, Mw 7.0) and Chile (February 27, Mw 8.8).*

*The speakers will discuss what has been learned about these earthquakes from seismology, observations made from satellite systems and field observations.*

*They will also discuss how space techniques could in the future improve earthquake monitoring and help mitigate their effects.*

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Seating is limited and is available on a first come, first served basis