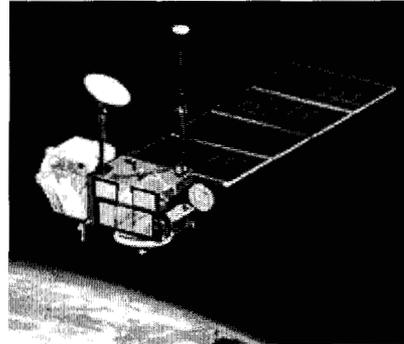
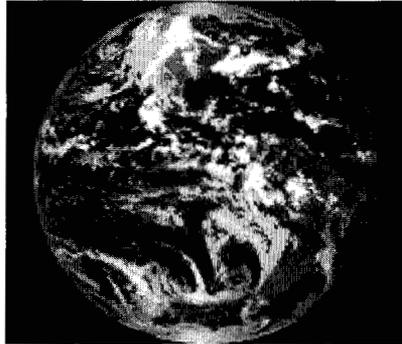




Theodore von Kármán

2000 Lecture Series



Earth's Oceans:

When the Oceans Speak, We All Listen

presented by Dr. Bill Patzert

4-5395

300-323

Thursday, December 14, JPL, 4800 Oak Grove Dr., Pasadena

Friday, December 15, The Forum at Pasadena City College,
1570 East Colorado Blvd.

323

Both lectures begin at 7 p.m.

Admission is free. Seating is limited.

For more information, call (818) 354-0112.

From space, the most dominant feature of the Earth is our oceans. For the past 3 years, JPL has been telling one of the great climate stories of this century - the El Niño to La Niña saga. Our part in this story began with the development and flight of a truly remarkable spacecraft, the US/France TOPEX/Poseidon mission. This is a story of state-of-the-art technology getting mainstreamed into both the public eye and public policy. CBS & CNN estimated that more than 1 billion people have seen these images on a regular basis for the past 2 years. Simply, El Niño or La Niña is the large redistribution of heat in the global oceans that steers the global atmosphere in unusual patterns. Thus, all the pieces on the global weather board have been rearranged for the past 3 years - countries around the globe were getting unexpected, often devastating, weather. Indonesia had drought, Peru was flooding; LA & SF had double or half their normal rainfall, Seattle was dry and pleasant or stormy, and on and on. Thus, there were winners and losers with El Niño and La Niña. This great "climate story" continues and JPL's TOPEX/Poseidon will continue to bring you that story

