

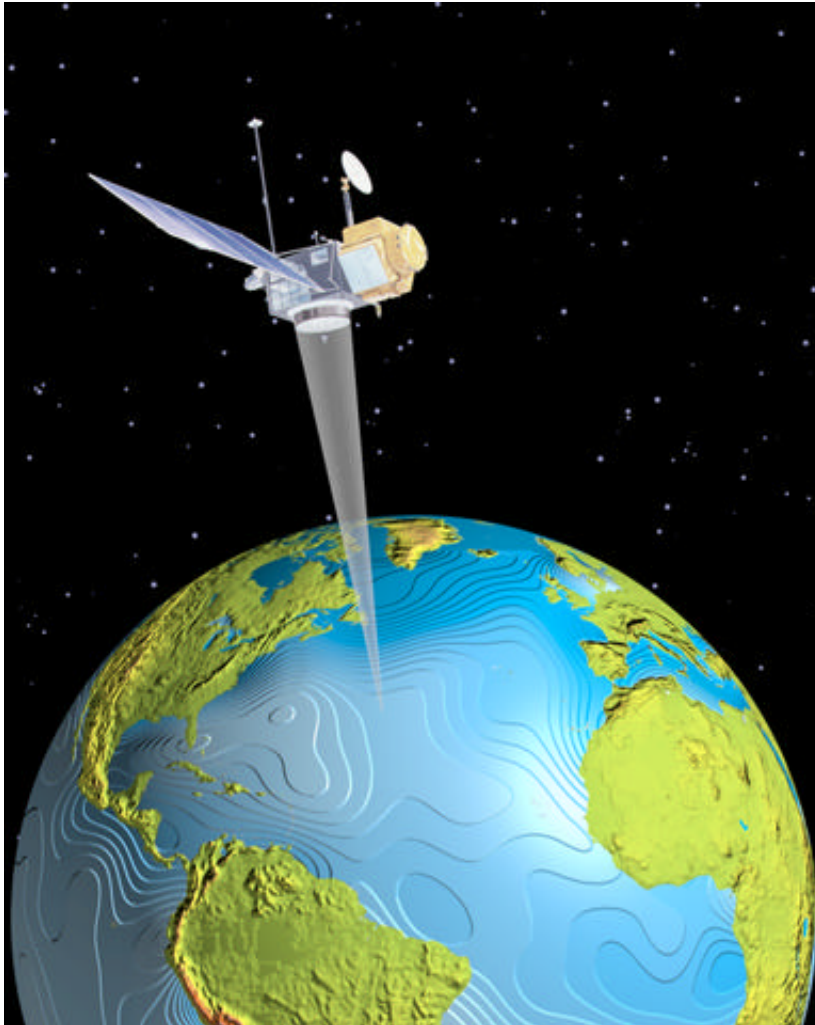


**JPL**

Jet Propulsion Laboratory  
California Institute of Technology



CENTRE NATIONAL D'ETUDES SPATIALES



## **TOPEX/Poseidon Mission Status**

Mark Fujishin



# TOPEX/Poseidon Project Current Operational Status



- Satellite bus and instruments continue to perform well
  - no major science data losses since last SWT (October 2002)
  - last satellite safehold event: November 23, 2000
- Flight team operating both Topex/Poseidon and Jason-1 in JPL multi-mission operation center
- Completed Orbit Transfer Maneuver sequence to new Tandem mission orbit on September 16, 2002
- Continuing to operate with two of three data recorders non-functional
  - remaining recorder (C) degraded, still able to record 4 hours of data (vice original 8 hr.)
  - still exceeding 90% total science data recovery by scheduling real-time data fills

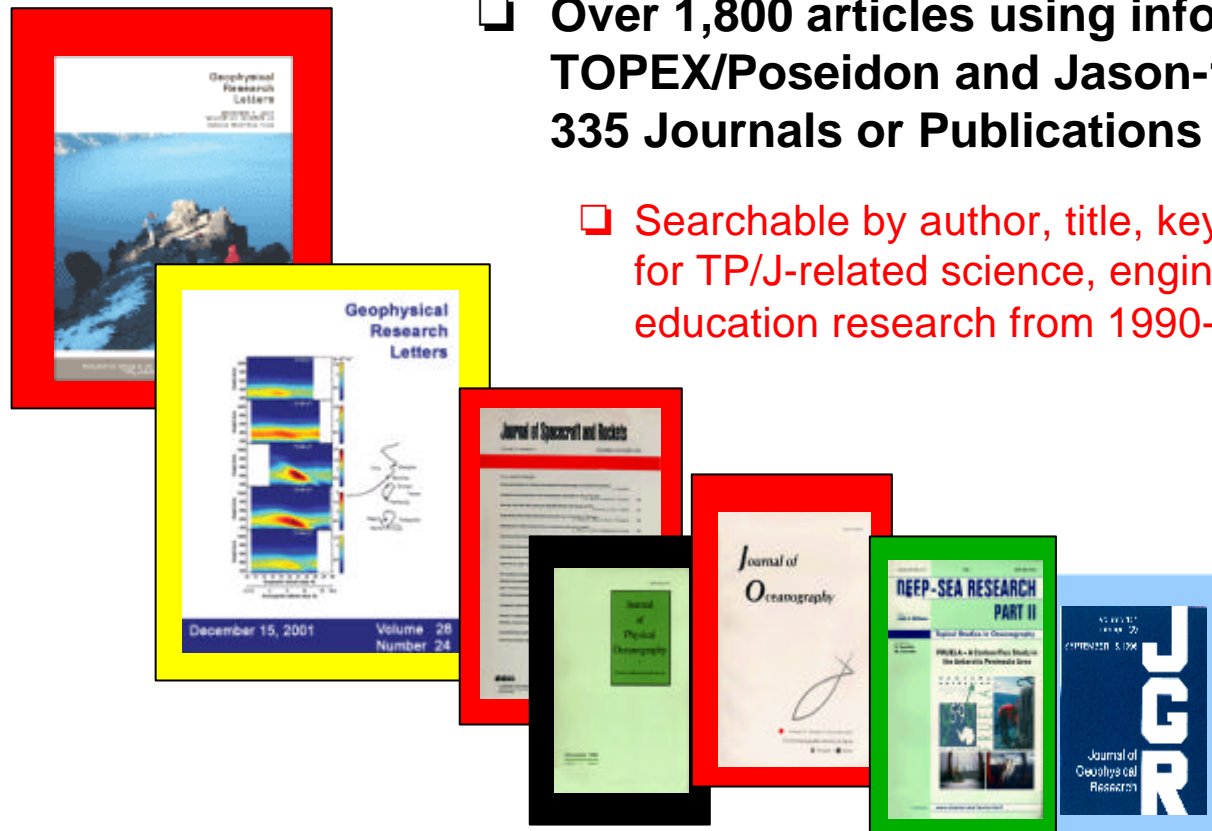
# TOPEX/Poseidon Project

## Current Operations - Science Outreach

□ TOPEX/Poseidon science open literature database now available on-line

□ Over 1,800 articles using information from TOPEX/Poseidon and Jason-1 have appeared in over 335 Journals or Publications

□ Searchable by author, title, keyword, abstract, & category for TP/J-related science, engineering, applications, and education research from 1990-present



# TOPEX/Poseidon Project Onward and Upward

- T/P mission operations currently approved through at least FY'04
  - Project now merged/funded under Jason-1 budget
- Scientists and Project must continue joint efforts to demonstrate applications of ocean science to the public
  - societal benefits will define NASA/CNES strategy for long-term ocean observing systems

