MODIS Adaptive Processing Summary

Proposal for replacement of ESDIS processing of MODIS data
- Must meet current ESDIS requirements and production rates
- Long term commitment (1998-2003)
- Help ESDIS with current problems
- Must be cost effective

Goals
- Process all possible products at 100% rate
- Be responsive to Science Team needs
- Simplify process of rapid algorithm update

Proposal
- Combined proposal from SDST and GSFC DAAC to be submitted end of July (funding would come from ESDIS budget)
- Draft for Science Team Review on 7/24
- Funding would begin in August
- Budget will be between $20-30M for processing only 1998-2003

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MODIS Adaptive Processing Details

Responsibilities:
- GSFC DAAC responsible for processing all MODIS data to L1B
- Enhanced MEBS responsible for processing all L2 and L3
- GDAAC responsible for archive and distribution

Within upgraded MEBS (L2):
- Separate Atmosphere, Land, Ocean processing paths
- Science Team representative from each discipline
- Proposed doubling of SDST staff

Atmosphere Group Perspective
- We have always planned on MEBS making L1B available
- Top priority in first 3-6 mo. after doors open will be L1B and mask
- Assume SDST will maintain role for algorithm integration/testing
- We plan to have significant SCF capacity to process L2
- Version Control is a Big Deal (Cloudmask run in at least 5 locations)

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