

NASA EOS SAFARI 2000 WORKSHOP
NCAR Mesa Lab, BOULDER, CO
May 12-14, 1999

REVISED AGENDA (5/5/99)

Day 1 - Wednesday, May 12, 1999

8:00	Registration -- also coffee, pastries, fruit, etc.	
8:30	Welcome	Gille
8:35	Objectives & Perspectives	
	Objectives of Meeting	Justice
	NASA R&A Perspectives	Curran
	NASA EOS Perspective	King
	NSF Perspective	
9:00	SAFARI 2000 Update & Discussion of Science Plan	Swap/ Annegarn
9:45	South African LEAD SAFARI 2000: Nitrogen and sulphur deposition in southern Africa	Otter
10:00	EOS Investigations in Southern Africa (Status & Plans)	
	SAVE (Southern African Validation of EOS) and SHADOZ	Privette
	AERONET (Aerosol Robotic Network)	Holben
10:30	Break	
10:45	EOS Investigations in Southern Africa - Continued (Status & Plans -- 10 min. presentations and Q&A)	
	MODIS Burned Area and LCC	
	Products Validation	Justice/Roy/Elvidge
	Validation of EOS Biomass Burning Products	Ward/Susott
	AVHRR Fire Data products for SAFARI 2000	Tucker
	Radiation Measurements	Tsay
	Vertical Profiles of Carbon Monoxide and Other Gases in the Troposphere	Novelli

- 12:00 Lunch
- 1:00 Investigations in Southern Africa - Continued
(Status & Plans -- 10 min. presentations and Q&A)
Land-Surface Characterization of Southern
African Savannas Shugart/Dowty
Land Use and Global Change Justice
Land-Surface Interactions Garstang
Meteorology in Zambia Mukelabai
- 2:00 EOS Validation & Collaborative Studies
As Related to SAFARI 2000
(Plans -- 12 min. presentations and Q&A)
- MOPITT Validation Wang
ASTER Validation Hook
MISR Validation Conel
U. WASH./CV-580 Airborne Science Hobbs
Aerocommander Science Piketh
PROTEUS Airborne Science B. Smith
- 3:30 Break
- 3:45 Campaign Guidelines & Requirements EOS Group Leads
Relate to Science Plan Core Elements
(see attached)
(15 min. presentations and Q&A)
- Land Science (CE 1 & 2) Justice (Privette/Kahle)
Aerosols (CE 3) Remer (Vermotte/Annegarn)
Trace Gases (CE 4) Drummond (Gille/Wang)
Clouds & Radiation (CE 5) King (Tsay/Marchand)
Modeling & Data Synthesis (CE 6) Emanuel (Otter/Cook)
- 5:30 Adjourn for Day
- Evening Dinner Groups are encouraged

Day 2 - Thursday, May 13, 1999

- 8:00 Coffee, pastries, fruit, etc.
- 8:30 Charge to Discipline Breakout Groups Swap
- Requirements: measurements;
platforms (ground, airborne, satellite);

space-time resolutions & sampling;
 accuracies; profiles (?); etc.

8:45	Discipline Breakout Groups	<u>Group Chairs</u>
	Land Science	Privette
	Aerosols	Remer
	Clouds & Radiation	King
	Trace Gas Chemistry	Gille
	Modeling & Data Synthesis	Emanuel
10:15	Break	
10:30	MOU & Other International Agreements	
	U.S. - NASA	Kamm
	South Africa - CSIR	Otter
	Carnet de Passage	Swap/Annegarn
11:00	Reports from Discipline Breakout Groups (10 min. each)	
12:00	Lunch	
1:00	Meteorological Support in South Africa	Kroese
1:15	Charge to Airborne Breakout Groups	Suttles
	Goals/objectives of each campaign	
	Key instruments (5 min. PI presentations)	
	Generic mission profiles, needed overflight permissions	
	Coordination with ground-based measurements	
	Coordination with satellite passes	
	Ferry flight plans, basing plans, logistics, etc.	
1:30	Airborne Breakout Groups	<u>Group Co-Chairs</u>
	Remote Sensing (NASA ER-2)	King/Shelton
	AirMISR	Conel
	MOPITT-A	Phillips
	CLS	Spinhirne/McGill
	MAS	Platnick
	S-HIS	S. Ackerman
	SSFR	Pilewskie
	Other Remote Sensing (Proteus)	
	Aircraft &	

	Instruments	Beck/Larar	
	In Situ (CV-580 & Aero690A)		Hobbs/Piketh/Swap
	SSFR	Pilewskie	
	Sunphotometer	Russell	
	AFTIR	Yokelson	
	Trace Gases	Doddridge	
	Trace Gases	D. Wang	
3:30	Break		
3:45	Data Management		
	Protocols, Archival & Distribution		Olson
	Regional Data Distribution Issues, CD-ROM approach, etc		Annegarn/Otter
4:15	Reports from Airborne Breakout Groups (15 min. each)		
4:45	Discussion of Airborne Remote Sensing/ In Situ Coordination		All
5:15	Summary of Progress & Mid-course Corrections		Suttles/Swap
5:30	Adjourn for Day		

Day 3 - Friday, May 14, 1999

8:00	Coffee, pastries, fruit, etc.	
8:30	Strawman Implementation Plan & Define Breakout Groups	Swap/Suttles
9:00	Implementation Breakout Groups	<u>Group Co-Chairs</u>
	Science Team Coordination Points of Contact Communications Decision Process	King/Annegarn/Otter/Swap
	Ground-based Systems & Operations Core Sites & POCs Data Products & Timelines Ground-based/Aircraft Coordination	Privette/Roy/Holben/Ward/ Piketh
	Airborne Systems & Operations Aircraft, basing plans, logistics, etc. Instrument complement, C141 Shipment Decision Process (What, Where, When) Aircraft/Aircraft Coordination	Shelton/Hobbs/Kroese/Larar
	Modeling, Data Synthesis, & Data Management	Shugart/Emanuel/Cook
10:00	Review/Discuss Inputs Required for MOU and Other Agreements	Kamm/Otter/Annegarn
10:30	Break	
10:45	Reports from Implementation Breakout Groups (10 min. each)	
11:30	Summary & What Remains to be Done	Swap/Suttles
12:00	Adjourn Workshop	