

NASA Workshop

VEG3D & BIOMASS Workshop Science and Measurement Requirements for Future Spaceborne Missions

March 3-5, 2008
Agenda

March 3

Morning

Overview and background

8:00	Registration & Material	
8:15	Welcome and Charge for the workshop	Organizing Committee
8:30	Welcoming Remarks from UVA Vice President for Research	Ariel Gomez
8:40	NASA HQ perspective and workshop objectives	D. Wickland
8:55	Overview of veg3d & missions DESDynI Mission Concept & Synergism with ICESAT2, BIOMASS	J. Ranson

Keynote talks: Science Objectives & Requirements

Highlights of key scientific issues, uncertainties & requirements

9: 15	Carbon Cycle Science	R. Houghton
9:40	Climate Models	S. Wofsy
10:05	Break	
10:20	Ecosystem Structure & Models	H. Shugart
10:45	Biodiversity & Habitat	K. Bergen & S. Goetz
11:10	<i>Panel Discussion & Charge for Breakouts</i>	W. Emanuel
12:00	<i>Lunch</i>	

Afternoon

Keynote talks: Sensors & Measurements

Highlights of measurement capabilities, uncertainties, and Requirements

1:00	Decadal Survey Missions and NASA Plans	S. Volz
1:15	Multi beam Lidar Measurements & Data Fusion	R. Dubayah et al.
1:45	Polarimetric & InSAR Measurements & Data Fusion	S. Saatchi et al.

Breakout Session I

Science Objectives and Requirements

2:15	Breakout Sessions I	
4:15	<i>Break</i>	
4:30	Breakout summary report	
4:45	Discussion	
5:30 pm	Adjourn	
6:30 pm	<i>Poster Session & Reception</i>	

March 4

Morning

8:30	Summary of science requirements	R. Houghton
Other Relevant Missions (Moderator, Craig Dobson)		
9:00	ESA-BIOMASS	M. Davidson
9:20	DLR	K. Papathanassiou
9:40	<i>ALOS</i>	J. Kellndorfer
10:00	<i>Break</i>	

Breakout Sessions

Measurement needs within DESDynI

Produce reports for the Day 2 afternoon plenary session

10:15 Breakout Sessions II

12:00 *Lunch*

Breakout Sessions Reports

1:00 Breakout Reports Breakout Chairs

1:30 Discussion K. Bergen

Potential Partnerships

2:00 USDA (FS) Forest Inventory Data H. Andersen

Breakout Sessions

Recommendations: Synergistic measurements, airborne & field campaigns, modeling

2:30 Charge to Breakouts

3:00 *Breakout Sessions III*

Breakout Sessions

Instrument and scientific synergism and other complementary observations

Produce reports for the Day 3 morning plenary session

5:00 *Adjourn*

6:30 *Group Dinner*

March 5

Morning

Breakout Summary Reports

8:30 Report of breakout III Chairs

Plenary Session

9:10 Discussion & Open Issues F. Hall, R. Houghton

10:30 Next steps Moderators

- Committee to write the report
- Committee to organize JGR special issue
- Summary of Research Opportunities

12:00 *Adjourn*