

Appendix B
Workshop Agenda

AGENDA

AVIRIS PERFORMANCE EVALUATION WORKSHOP

JUNE 6, 7, 8, 1988

JPL BUILDING 167 CONFERENCE ROOM

MONDAY, JUNE 6, 1988

- 8:00 Shuttle Bus Leaves Pasadena Holiday Inn for JPL**
- 8:30 Check-In at JPL Visitor Control Center**
- 9:00 JPL Welcome, Building 167 Conference Room: Charles Elachi, Assistant Laboratory Director, Office of Space Science and Instruments**
- 9:15 NASA Headquarters Welcome: Diane Wickland, Manager, Terrestrial Ecosystems Program, Earth Science Division, NASA**
- 9:30 Workshop Overview and AVIRIS Project Status: Gregg Vane, AVIRIS Experiment Scientist and Manager**
- 10:00 Break**
- 10:30 AVIRIS Instrument Status: Wallace Porter, AVIRIS Instrument Engineer**
- 11:00 AVIRIS Laboratory Calibration Status: Thomas Chrien, AVIRIS Optics and Calibration Engineer**
- 11:30 AVIRIS Ground Data Processing: John Reimer, AVIRIS Ground Data Processing System Manager**
- 12:00 LUNCH**
- 1:00 Spectral Analysis Manager (SPAM) Software Status: Alan Mazer and Greg Cooper, SPAM Development Group**
- 1:30 U-2 Operations: Gary Shelton and Ron Williams, NASA Ames High Altitude Branch**

- 2:00 AVIRIS field radiometric and spectral calibration and studies of the atmosphere and surface by model and observational methods: James Conel, Robert Green, Carol Bruegge, Jack Margolis, Ron Alley, Gregg Vane, Veronique Carerre, Philip Slater, and Ray Jackson
- 2:30 BREAK
- 3:00 Radiometric performance of AVIRIS: Assessment for an arid region geologic target: Hugh Kieffer and Kevin Mullens
- 3:30 Calibration of AVIRIS images to reflectance: J.B. Adams, M.O. Smith, A.R. Gillespie, D. Sabol, and D.A. Roberts
- 4:00 A quick-look assessment of AVIRIS radiometric quality over water: James Mueller
- 4:30 DISCUSSION
- 5:00 ADJOURN
- 5:15 Shuttle Bus Departs JPL for Pasadena Holiday Inn
- 6:00 RECEPTION at the Pasadena Holiday Inn (Piazza Room)

TUESDAY, JUNE 7, 1988

- 8:00 Shuttle Bus Leaves Pasadena Holiday Inn for JPL
- 8:30 Zones of information in the AVIRIS spectra: Paul Curran and Jennifer Dungan
- 9:00 Assessment of AVIRIS data for characterizing a northern forest: John Ranson
- 9:30 Evaluation of ozone injury in Ponderosa pine forests using AVIRIS: Brian Curtiss, Susan Ustin and Scott Martens
- 10:00 BREAK

- 10:30 Calibration and evaluation of AVIRIS data: Roger Clark
- 11:00 Automated extraction of absorption features from Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) and Geophysical Environmental Research Imaging Spectrometer (GERIS) data: Fred A. Kruse and Wendy M. Calvin
- 11:30 Preliminary analysis of Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) data for mineralogical mapping at sites in Nevada and Colorado: Fred A. Kruse and Dan L. Taranik
- 12:00 LUNCH
- 1:00 Assessment of AVIRIS data from vegetated sites in the Owens Valley, California: Barry Rock and Chris Elvidge
- 1:30 Examination of the spectral features of vegetation in 1987 AVIRIS data: Chris Elvidge
- 2:00 AVIRIS data quality for coniferous canopy chemistry: Nancy Swanberg
- 2:30 BREAK
- 3:00 Evaluation of AVIRIS data for stratigraphic analysis of the Wind River/Bighorn Basin area, Wyoming: Harold Lang, Veronique Carerre and Earnest Paylor
- 3:30 AVIRIS data characteristics and their effects on spectral discrimination of rocks exposed in the Drum Mountains, Utah: Results of a preliminary study: Brian Bailey, John Dwyer, and Dave Meyer
- 4:00 King/Kaweah ophiolite melange: A first look: John F. Mustard and Carle M. Pieters
- 4:30 DISCUSSION
- 5:00 ADJOURN
- 5:15 Shuttle Bus Leaves JPL for Pasadena Holiday Inn

WEDNESDAY, JUNE 8, 1988

- 8:00 Shuttle Bus Leaves Pasadena Holiday Inn for JPL
- 8:30 Characterization of rice field habitat quality using AVIRIS data: Byron W. Wood, Kenneth J. Weinstock, Robert K. Washino and Paul D. Sebesta
- 9:00 Analysis of AVIRIS spectra of California wetlands: M. F. Gross, V. Klemas and S. Ustin
- 9:30 An assessment of AVIRIS spectra acquired over the Goldfield Mining District, Nevada: Michael Abrams and Veronique Carerre
- 10:00 BREAK
- 10:30 Assessment of AVIRIS inflight performance over the Mtn. Pass Carbonatite, California: Larry Rowan, Jim Crowley and Dave Meyer
- 11:00 Assessment of AVIRIS inflight performance over the Mtn. Pass Carbonatite, California: Gregg Vane and Robert Green
- 11:30 LUNCH
- 1:00 Workshop Summary, Recommendations from the Performance Evaluation Investigators to NASA Headquarters and the AVIRIS Project at JPL
- 2:30 BREAK
- 3:00 SPAM Demonstration, Laboratory Tours (to be arranged)
- 5:00 Shuttle Bus Leaves JPL for Pasadena Holiday Inn (earlier departure to be arranged if requested by workshop attendees)