

# Land and Vegetation Direct Readout Workshop Agenda

**Tuesday, October 9, 2007**

**5:00pm – 7:00pm**

## **Poster Session**

Poster session exhibiting direct readout land applications and relevant workshop topics. The poster session will be a bridging activity between Seaspaces Conference and the Land/Vegetation Direct Readout Workshop. Presenters will be available for questions and discussion for the duration of the poster session.

Posters will continue to be available for viewing during the workshop until 12:00pm Thursday.

**Wednesday, October 10, 2007**

## **MORNING SESSION: PROGRAMATIC OVERVIEW OF DIRECT READOUT FOR LAND APPLICATIONS**

**8:30am – 8:45am**

### **Welcome** (Rainer Ressler CONABIO)

- Workshop overview
- Logistics
- Highlight of direct readout applications on display in poster session

**8:45am – 9:15am**

### **Introduction of Workshop Attendees**

**9:15am – 9:45am**

### **Objectives for Workshop**

(Chris Justice, GOC-GOLD/University of Maryland)

**9:45am – 10:05am**

### **Sentinel Asia Direct Readout Network**

(Craig Smith, Geoscience Australia)

**10:05am – 10:35am**

### **Break**

**10:35am – 10:55am**

### **NASA Direct Broadcast/Direct Readout**

(Patrick Coronado, NASA)

**10:55am – 11:15am**

### **EOS/NPP Transition, NPP/NPOESS Direct Broadcast/Direct Readout Framework**

(John Overton, NOAA IPO)

**11:15am – 11:35pm**

### **IPOPP Framework Implementation at the USDA Forest Service**

(Brad Quayle, USDA Forest Service)

**11:35am – 12:00pm**

### **TerraSAR-X: New high resolution SAR data from space**

(Achim Roth, DLR)

**12:00pm – 1:30pm**

### **Lunch**

## **AFTERNOON SESSION: DIRECT READOUT LAND PRODUCTS/ALGORITHMS**

<b>1:30pm – 2:00pm</b>	<b>Surface Reflectance</b> (Eric Vermote, University of Maryland/NASA-GSFC)
<b>2:00pm – 2:30pm</b>	<b>Albedo</b> (Crystal Schaaf, Boston University)
<b>2:30pm – 3:00pm</b>	<b>Fire Detection</b> (Louis Giglio, NASA-GSFC)
<b>3:00pm – 3:30pm</b>	<b>Burned Area</b> (David Roy, South Dakota State University)
<b>3:30pm – 4:00pm</b>	<b>Break</b>
<b>4:00pm – 4:30pm</b>	<b>Snow/Ice</b> (Peter Romanov, NOAA)
<b>4:30pm – 5:00pm</b>	<b>Vegetation/Biophysical Parameters</b> (Alfredo Huete, University of Arizona)
<b>5:00pm – 5:30pm</b>	<b>Land Cover Change/Fractional Vegetation Cover</b> (Gerardo López, CONABIO)
<b>5:30pm – 10:00pm</b>	<b>Evening Social Outing</b> (Boat trip in Xochimilco and traditional Mexican dinner)

**Thursday, October 11, 2007**

## **MORNING SESSION: BREAKOUT GROUPS**

### **Breakout Session Objectives**

- Identify current needs/near term plans
- Areas and opportunities for cooperation and data exchange
- Areas needing additional research and development
- Future systems and plans
- Recommendations from the workshop

### **8:30am – 10:00am Breakout Session I – Programmatic and Regional Issues**

- Programmatic Breakout Group (Moderator John Overton)
  - Data continuity issues
  - New sensors/missions
  - Transition to future sensors
  - Funding sources
  - Coordination of Land DB community with general DB community
- Regional/Thematic Breakout Group (Moderator Brad Quale/Brian Schwind)
  - Product validation/user feedback
  - Data sharing networks
  - Coordination/sharing specialized land applications

**10:00am – 10:30am      Break**

**10:30am – 12:00pm      Breakout Session II – DR Products and Algorithms**

- Vegetation/Biophysical Parameters, BRDF/Surface Reflectance Breakout Group (Moderator Crystal Schaaf)
- Fire/Burned Area, LST, Snow/Ice Breakout Group (Moderator TBD)

**12:00pm – 1:30pm      Lunch**

**AFTERNOON SESSION: BREAKOUT GROUP SUMMARIES/DISCUSSION**

**1:30pm – 3:30pm      Breakout Group Summary/Discussion** (Rainer Ressl, CONABIO)  
30 minutes for each group (20 minute summary and action items/10 minute discussion)

**3:30pm – 4:00pm      Break**

**4:00pm – 4:30pm      Formulation of Workshop Recommendations** (Pat Coronado, NASA)

- Framework for workshop report to be produced
- Report will be generated within one month of the workshop
- Workshop report/recommendations will be presented at next international direct broadcast/direct readout conference in 2008

**4:30pm – 4:45pm      Workshop Summary/Wrap Up**  
(Chris Justice, GOFC-GOLD/University of Maryland)

- Workshop report and presentations to be posted on GOFC/GOLD website