

# Planetary Data in Learning Environments

## *A Community Workshop*

Monday, 1 August 2005  
Jet Propulsion Laboratory, Pasadena, California

### Participant Workshop Goals

- Increase awareness of the range of Earth and planetary science programs, tools, and data resources that exist, from which the community can draw on experiences and make connections
- Build knowledge about key features of successful Earth and planetary data programs
- Understand and apply best practices in the design or implementation new programs or improvement of existing programs

**8:00 am**

**Registration and Continental Breakfast (provided)**

### Welcome and Introductory Remarks

#### **Round-Table Discussions – *Success and Challenges in Data Use Venues***

*Participants select two facilitated round-table discussions to explore the topic and share their experiences. What data are used and how are they used? What is the evidence of success? What elements of development and implementation made the program successful for the venue? What obstacles were met; how were they overcome? What are the needs of this community group?*

- Planetary Data in Planetariums and Exhibits
- Planetary Data in Student Investigations
- Student Collection / Comparison of Planetary Data
- Planetary Data for Citizen Science

Reconvene and Report-Out / Participant Reflection

Lunch (provided)

### **Group Discussions**

*Audience members select a group discussion in which to participate. Discussion will address the question, determine possible solutions, and identify areas where further information is needed.*

- Who are the current and future audiences using planetary data products and how are they best engaged?
- What challenges face the special needs audience and developers creating programs for their use?
- What technical issues are involved in data access and use for developers and end-users?
- What are the points of intersection between use of planetary data and education standards?
- Additional questions may be posed by the audience

Reconvene and Report-Out

### **Audience Discussion**

*What practical mechanisms are needed to support these community efforts to bring planetary data into the learning environment?*

Evaluation of Workshop

### **Close of Day**

**7:00 pm**

#### **Posters and Demonstrations with Hearty Hors d'Oeuvres (Cash Bar)**

*All participants are invited to share their program challenges, successes, and lessons learned through posters and demonstrations. Please be sure to let Leslie Lowes and Eddie Gonzales know your poster and/or table space needs.*