



Optimizing Science and Exploration Working Group (OSEWG)

Key Accomplishments





Accomplishments

Color Code:

Field Test or Launch

Report or Task

Meeting or Event

- ✓ **March 2007: OSEWG formed and original Charter approved.**
- ✓ **June 25-27, 2007: OSEWG/LEAG Workshop, @ Lunar & Planetary Institute (LPI), Houston, TX**
 - Architecture Issues Associated with Sampling**
- ✓ **March-May 2008: OSEWG Reorganized**
 - **Surface Science Scenarios Team (Terms of Reference Approved)**
 - **Analog Missions (Shared ESMD & SMD coordination)**
 - **Lunar Data Integration (ESMD provides status and outbriefs)**
 - **Science Objectives Team (SMD provides status and outbriefs)**
 - **Lunar Architecture Team (ESMD provides status and outbriefs)**
- ✓ **May 12, 2008: Revised OSEWG Charter approved by ESMD and SMD DAA's**
- ❖ **June 2-12, 2008: Mission Analogs Field Test, Short Distance Mobility Test, Moses Lake, WA**
- ✓ **June 11-12, 2008: OSEWG Surface Science Scenarios Phase I Workshop @ LPI, Houston, TX**
- ✓ **June 18-20, 2008: OSEWG Participating at Lunar Capability Concept Review (LCCR) – Altair and Ares V Transportation Systems @ JSC, Houston, TX**





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- ✓ June 23-24, 2008: NAC Planetary Science Subcommittee @ GSFC, Greenbelt, MD
 - OSEWG Briefing to the Science Committee
- ✓ July 8, 2008: OSEWG/LEAG '07 Workshop Draft Report to participants and LEAG
- ✓ July 9, 2008: NAC Science Committee @ GRC, Cleveland, OH
 - OSEWG Briefing to the Science Committee
- ✓ July 13-20, 2008: Committee on Space Research (COSPAR), Montreal, Canada
 - Discussion of International Data Standards and Planetary Protection
- ✓ July 14, 2008: OSEWG Science Objectives Workshop @ NASA HQ
 - Review of EARD/CARD impacts on science
- ✓ July 16-17, 2008: Analog Field Test Meeting @ JSC, Houston, TX
 - Lessons Learned from June Field Test
- ❖ July 18-August 14, 2008: Haughton-Mars Project (HMP) Field Deployment, Devon Island, Canada
- ✓ July 20-23, 2008: NASA LSI Lunar Conference @ ARC, San Francisco, CA
 - Outbrief of OSEWG SSST Phase 1 Workshop Results
 - Interim Report of the LEAG Roadmap





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- ✓ August 5, 2008: Surface Science Scenarios Workshop @ GSFC
- ✓ August 7, 2008: OSEWG Participation at the Cx Lunar Architecture Concepts Tiger Team @ HQ
- ✓ August 14, 2008: Surface Science Scenarios Follow-on Workshop @ GSFC
- ✓ August 21, 2008: Special OSEWG Plenary Meeting with LSS Project Managers @ HQ
- ✓ August 26, 2008: Analogue Field Test Meeting @ JSC, Houston, TX
 - Lessons Learned from 2008 Haughton-Mars Project (HMP) Field Deployment
- ✓ September 3, 2008: SMD-ESMD Roundtable @ HQ
 - OSEWG briefing to the SMD and ESMD Deputy Associate Administrators
- ✓ September 18, 2008: Science Objectives Workshop II @ HQ
 - OSEWG Implementation Framework
- ✓ September 29-October 1, 2008: Lunar Exploration Architecture Workshop, Cocoa Beach, FL
 - OSEWG Teleconference on “Payload mass returned from the Moon to Earth”,





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- ✓ October 1, 2008: ESMD funding of NASA Support Tasks to OSEWG begins.
- ✓ October 2, 2008: NAC Planetary Sciences Subcommittee @ NASA HQ
 - OSEWG Briefing to the Planetary Science Subcommittee
- ✓ October 10, 2008: Space Weather face-to-face Discussion @ NASA HQ
- ✓ October 13-14, 2008: CAPTEM Meeting @ LPI, Houston, TX
 - OSEWG Briefing to the CAPTEM
- ✓ October 15, 2008: Begin weekly Lunar Integration Forum conducted jointly by OSEWG and the Constellation Lunar Surface Systems (Cx-LSS) Team
- ✓ October 22, 2008: SMD Planetary Science Division Flight Projects Review @ NASA HQ
 - OSEWG Presentation to the FPR

