



THE PLANETARY SOCIETY

*Lunar Missions Outreach and
International Lunar Decade*

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<http://planetary.org>



The Planetary Society

- Founded in 1980 by Carl Sagan, Bruce Murray, and Louis Friedman
 - Exploration of our solar system
 - Search for extraterrestrial life.
- Largest space interest in the world
- Membership open to all
- Non-profit, nongovernmental
 - funded by dues, donations,
 - corporate sponsorships
 - No government money
- Headquarters in Pasadena





The Planetary Society

- Projects
 - Involve and excite public
 - Fill otherwise unfilled niches
 - Test innovative technologies
 - Inspire future generations
- Advocacy
 - Grass roots, Political, International
- Publications
 - *The Planetary Report*
 - Planetary.org
 - Planetary Radio (planetary.org/radio)



International Lunar Decade: Purpose

- Propose an “International Lunar Decade”
- Cooperation among spacefaring nations planning lunar missions
 - International frameworks are needed for both mission cooperation and development of a global vision for space exploration
 - The ILD can help
- Framework for support to scientists in developing countries for lunar research and space participation
- Public education and outreach bridging interest in science and exploration, including in human return to the Moon
- 2007 – 2019; open for discussion
 - 2007: Selene & Chang’E, 50th Anniversary
 - 2019: Humans on the moon?
- Endorsed by ILEWG



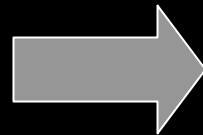
Int'l Lunar Decade: Precedents

- International Geophysical Year: 1957-58
 - The space age
- International Polar Years: 1882-83; 1932-33; 2007-08
- International Space Year: 1992-94
 - Mission to Planet Earth
 - US-Russian cooperation
- International Halley Watch
 - Astronomy observations
 - Mission navigation coordination
 - Space agencies cooperation



Planetary Outposts

Planetary Outposts: systematically building up sustained robotic, then human assets at selected sites on a given planetary body.



This strategy would serve to focus and organize both lunar and Martian exploration in the coming decades.



International Lunar Way Station

- **The first step towards Planetary Outposts is an International Lunar Way Station**
- **Robotic leading to human**
- **Test bed for planetary outposts**
- **Can also center outreach: a place we all become familiar with**
- **International coordination is needed such as that happening here, or ILD**



The Planetary Society and Lunar Mission Outreach



Planetary Society Coverage of All Missions



- Planetary Report Magazine (authors usually the doers).
 - Special all lunar issue Jan/Feb 2007
- web site (planetary.org)
- Planetary Radio (planetary.org/radio, 90 radio stations, podcast, XM). Weekly.
- Seeking guest, author, and story ideas
- Monday will debut an International Lunar Decade/Missions “gateway” web site, will continue to update/expand (invite mission info)





SELENE Wish Upon the Moon

- In collaboration with JAXA and The Planetary Society Japan:
- The Planetary Society will announce within a week that we will be collecting names and wishes to send to the Moon on board SELENE (etched in foil)
- Web site will be: <http://planetary.org/selene>
- We welcome help promoting
- Deadline Feb. 1, 2007
- (TPS also flying DVD on Phoenix, and collecting names now)



TPS Mission collaborations

- SMART-1: organized events including live press events for insertion/impact
- Chang'E: Planetary Society is formal partner on outreach, details TBD, possible live coverage of major events
- LRO: pursuing collaboration, e.g., another DVD/names/wishes type activity with some aspect of mission, as well as coverage
 - Current radio trivia contest: create a sentence using four acronyms from LRO instruments
- Chandrayaan: meeting in December



TPS “assets”

- Large, interested, public membership
- International
- Independent
- No government funding
- Experience



Possible collaborations



- Small or large
- Providing of spacecraft hardware (e.g., MER DVD's, Mars Microphone, Phoenix DVD)
- Contests (e.g., Venus Express Art Contest, New Horizons Time Capsule, Naming contests (Magellan, Sojourner, MER rovers))
- Continued coverage of planetary activities via print, web, and radio
- Any other interesting ideas



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White papers available on:

International Lunar Decade

International Lunar Way Station

International Lunar Way Station: First Steps