

Projects on the Drawing Board

The Moon Society is assessing several project areas for their merit in advancing our goals:

- **Sudbury, Ontario** is the site of a gigantic asteroid impact 2 billion years ago which endowed the area with enormous reserves of copper and nickel and other industrially vital elements that appear to be rare on the Moon. We are looking into the possibility of identifying this unique mineralogical character from orbit, then flying those same instruments around the Moon in the hopes of ferreting out any lurking “Sudburies” there. A positive find would greatly improve lunar industrialization prospects.

- **Lunar Lavatubes** are the Moon’s hidden valleys, ready made shelters of appreciable volume, ideal for town sites, industrial parks, ware-housing, and archiving the records of humanity. Lavatubes form as part of the process by which lava sheets spread out to fill the larger impact basins on the Moon. We are supporting the design of instruments that can detect and map lunar lavatubes from orbit. It would be especially helpful to locate major settlements in near proximity to intact lavatubes.

- **Humans and Robots** both have their own strengths, but, as each is more productive *working with the other*, it is senseless to continue the debate as to which is better or more cost effective *alone*. The Moon Society is looking at workshops and other means of identifying research directions that will advance human-robot synergies, as the only sure way to get the greatest yield for our exploration and development budgets.

- **Open Luna University** would be an “open-source” internet complex designed to help “open the Moon” by keeping track of research in all the relevant areas, and by promoting further research. We foresee departments of agriculture, geology & mineralogy, mining & processing, lunar-appropriate industrial design, lunar health & medicine, architecture, transportation and commerce, etc.

By open-sourcing this “university” the various contributors will do all the work, inspiring and challenging one another to insure the fastest development. We will all “own” it.

A Society of Volunteers

Outside of part time help in the processing of memberships and renewals, the Moon Society relies completely on the unpaid energies of dedicated volunteers, working in their free time.

This allows us to use our funds, other than those needed to publish our newsletter, for the pursuit of projects designed to advance the goals of the Society.

Volunteers are needed as local and campus contacts (Outposts), liaisons with other organizations, artists, writers, grant proposal writers, translators, project managers, and more. Let us know your talents and abilities, and we’ll do our best to put you to work!

Moon Miners’ Manifesto

www.MoonMinersManifesto.com

In fall 1995, this then nine year old publication of the Lunar Reclamation Society (NSS-Milwaukee) was adopted by Artemis Society International as its newsletter, with the four page centerfold sheet reserved for its use. In 2000 this and other ASI membership services were transferred to the newly formed Moon Society.

Six other NSS Chapters also currently use MMM as their chapter newsletter.

MMM’s focus is reasoned speculation about life on the lunar frontier, promoting needed research and enterprise. There is one Mars theme issue a year, and articles on the asteroids and other space destinations and lunar trading partners.

Moon Society Dues include MMM

- **Electronic** (pdf file) MMM \$35
Students/Seniors: \$20
- **Hardcopy** MMM: U.S. & Canada \$35
Elsewhere: \$60

Check or money order to

The Moon Society,
PO Box 940825,
Plano, TX 75094-0825

or register online at:
<http://www.moonsociety.org/register/>

Contact Information:

- Email: president@moonsociety.org
- Phone: (414)-342-0705 (Peter Kokh)

The Moon Society



www.moonsociety.org

The Moon Society formed in July 2000 as a membership organization with chapters and working partners, but no physical headquarters.

Our Vision: realization of pioneer frontier settlements on the Moon engaged in large-scale industrialization led by private enterprise, both to support their own needs and to produce products and services of benefit to Earth.

Our Mission: to hasten the day that vision will become reality by:

- promoting exploration, research, development, and habitation of the Moon through publications, conferences, workshops, research projects, public outreach and other means
- stimulating research and development of the required technologies, and encouraging their prior entrepreneurial development for profitable terrestrial “spin-up” applications
- initiating collaboration between the various societies, groups and individuals interested in developing and utilizing the Moon. It is our belief that in working together we can work more effectively and produce better results.

This vision, and these mission directives, are designed both to support government programs aimed at a return to the Moon as well as private enterprise, citizen-based programs to integrate the Moon into a greater Earth-Moon economy.

Please consider joining us in this quest.

Our Chapter & Outpost System

www.moonsociety.org/chapters/

The Moon Society encourages the organization of local Chapters (three or more organized members) both in local communities and on campus. Chapters are encouraged to incorporate independently.

At the same time, “thinking outside the chapter box,” we recognize the efforts of those lone individuals who work in support of the Society where they live in various ways, whether they hope to found a chapter or prefer working alone. These members are given recognition and status as “Outposts” of the Society.

Our NSS Partner Chapters

The Moon Society, and before it, Artemis Society International, has long enjoyed the support of some chapters of the National Space Society especially interested in the Moon.

Oregon L5 Society, at the forefront of lunar lavatube research, and the **Lunar Reclamation Society** (NSS-Milwaukee), publishers of our joint newsletter, Moon Miners’ Manifesto, have recently been joined by **Minnesota Space Frontier Society**.

These partnerships are ad hoc informal ones, each NSS chapter choosing on its own suitable areas of collaboration and contributions. There are no formalities involved.

We welcome collaboration in pursuit of our common goals by additional NSS Chapters, especially those in which there is much interest in the Moon.

In turn, we encourage those Moon Society chapters in locations not currently served by an NSS chapter, to register as chapters of NSS also. Turf protection is not our game.

The Space Chapter Hub nsschapters.org/hub/

The Space Chapter Hub provides resources to the chapters of the National Space Society, of the Mars Society, and of the Moon Society alike, on the grounds that however our individual focus may differ, our challenges, and the tools available to meet them, are the same. The Hub webmaster is the president of the Moon Society.

Productivity via Collaboration

A spacefaring civilization will be the result of many efforts reinforcing and supporting one another. Each of these many areas needs and deserves dedicated attention. We support the multiplicity of space-interest societies and groups with a special focus.

That said, it is in the interests of the various groups to collaborate whenever and wherever they can to promote goals held in common.

With the Mars Society

The Moon Society has initiated discussions with the Mars Society on several fronts including support of the Mars Desert Research Station in Utah, and offering to consider select joint position papers and press releases.

With the American Lunar Society

The Moon Society is now cosponsoring the American Lunar Society’s Lunar Study and Observing Certificate Program aimed at promoting greater familiarity with the Moon.

With the National Space Society

The Moon Society is actively pursuing a collaborative association with the National Space Society as an autonomous at large affiliate on a par with the Space Nursing Society.

We offer NSS chapters and individual members opportunities to participate in various Moon-focused projects. At the same time we encourage our chapters to participate in NSS activities.

With Other Societies, Foundations, Institutes

The Moon Society continues to look for new ways to collaborate with other organizations so as to boost productivity for all of us. If you are a member of another organization and would like to discuss an area of possible collaboration, please contact us: president@moonsociety.org

The Moon Society and NASA

With NASA newly recommitted to a return to the Moon, we are mindful that no such “return” will be “permanent” *without self-supporting settlements integrated into an Earth-Moon economy*. To the extent that NASA’s (or the government’s) vision and mission do not extend that far into the future, the Moon Society has an important role to play. *Join us in this effort!*

Moon Society Projects

The Moon-Mars Homestead Project

Whatever the differences between the Moon and Mars, there will be many aspects of frontier life on both worlds that will be in common. For that reason, we are working to complement the Mars Homestead Project which seeks to identify and promote the technologies that will be needed to transit from first outpost to permanent settlement. Our approach is to identify technologies which might be advanced by entrepreneurs in pursuit of profitable terrestrial applications, thus putting them “on the shelf.”

The Rent-MDRS Project

The Mars Desert (Analog) Research Station project deserves our support on those same grounds: many of the technologies and techniques needed on Mars will also apply to the Moon. Until we have the resources to set up our own Analog Station, we are pursuing the rental of MDRS in Utah for the purpose of simulating lunar outpost operations.

Simulations under consideration for such a Moon Mission in Utah include activities unique to a lunar outpost as well as those likely to be common on both worlds, but not yet simulated by Mars Society crews.

This world-renowned facility is available to supportive groups for two week rental periods. A Moon Society representative spent two weeks at MDRS in February 2005 as part of Crew #34 in order to gain background familiarity with the facility as a reality check on proposed Moon Society operations there.

If a first “MDRS Moon Mission” is successful, we will be planning more. Experience gained will help us better locate, design, lay out, and manage our own lunar station, for Project Leto.

Project LETO (Lunar Exploration & Transportation Organization) is an advance project that would involve research and tourist/entertainment facilities aimed at both increasing public awareness and interest in a return to the Moon and at contributing to the research necessary to make that dream come true. Two twin Lunar Analog Research Stations would be involved: one for tourists to visit, the other in a suitable remote moon-like landscape, for dedicated research.