

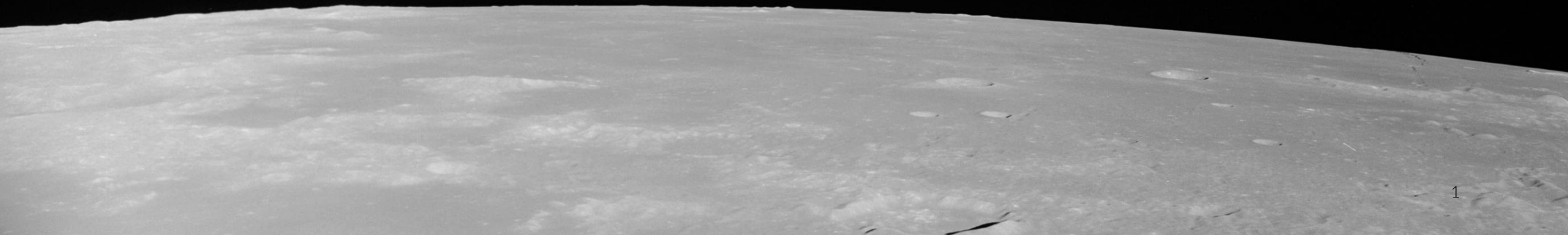
# FOR ALL MOONKIND™

[ForAllMoonkind.org](http://ForAllMoonkind.org)



# Harnessing Human History in Space to Sustain Future Exploration

Nathan Molina  
For All Moonkind  
13 June 2019



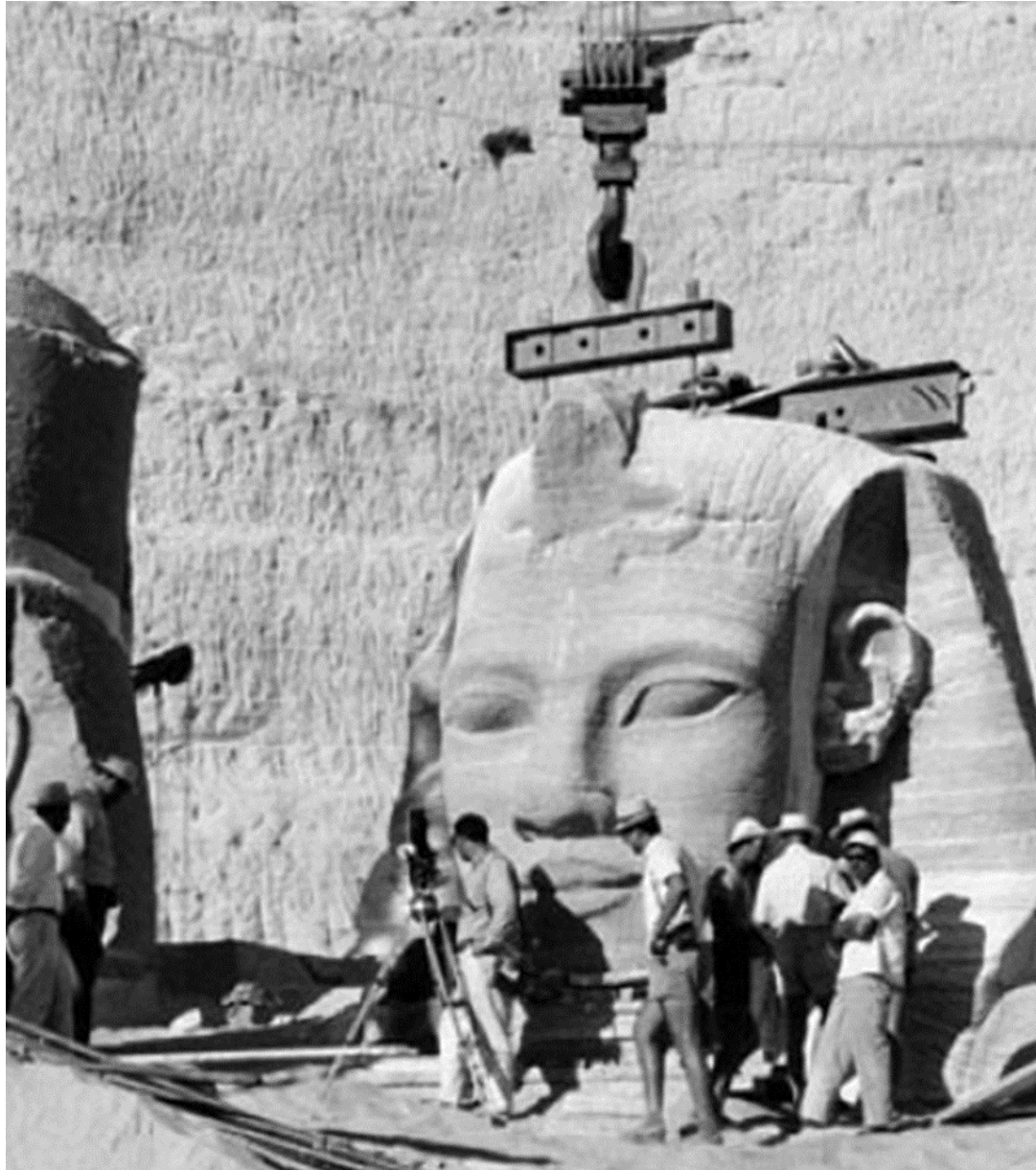
# For All Moonkind

- Nonprofit organization.
- Leadership and administration are entirely volunteer.
- Three Advisory Councils/Three part solution
  - Legal: draft Convention and MOU with private organizations
  - Education and Awareness: multimillion dollar experiential campaign targeting children and encouraging STEM education
  - Archaeological and Heritage: recognized experts in space archaeology



## Aswan High Dam

- In order to promote and accelerate the industrialization and modernization of its economy, Egypt needed to harness the power of the Nile River.
- The Aswan High Dam would result in the creation of a vast lake. A lake which would assure the obliteration of 3,000 year-old temples and monuments – footprints of an ancient civilization known as Nubia.



## Greatest Archaeological Rescue of All Time

- More than \$USD80 million was raised from 50 nations and a number of private entities from around the globe.
- Hundreds of sites were excavated and memorialized, thousands of artifacts saved. International panels of experts from five continents convened to develop and then implement strategies to relocate 22 temples and architectural complexes – some of them were moved to higher ground brick by brick.

## Defining Example of International Solidarity

The International Rescue Nubia Campaign “will be numbered among the few major attempts made in our lifetime by the nations to assume their common responsibility towards the past so as to move forward in a spirit of brotherhood towards the future.”

# World Heritage Convention

- Nubia Campaign created the foundation for an international convention on world heritage.
- Convention builds upon the “sense of kinship with one another as part of a single, global community.”
- 193 States Parties.
- Seeks to protect sites of “cultural significance” which are so exceptional as to transcend boundaries and to be “of common importance for present and future generations of all humanity.”
- Regardless of sovereignty, the Convention emphasizes “the importance, for all the peoples of the world, of safeguarding this unique and irreplaceable property, to whatever people it may belong.”

# Outer Space Treaty

- Article I: Outer space, including the Moon and other celestial bodies, shall be free for exploration and use by all States . . .
- Article II: Outer space, including the Moon and other celestial bodies, is not subject to national appropriation by claim of sovereignty, by means of use or occupation, or by any other means.



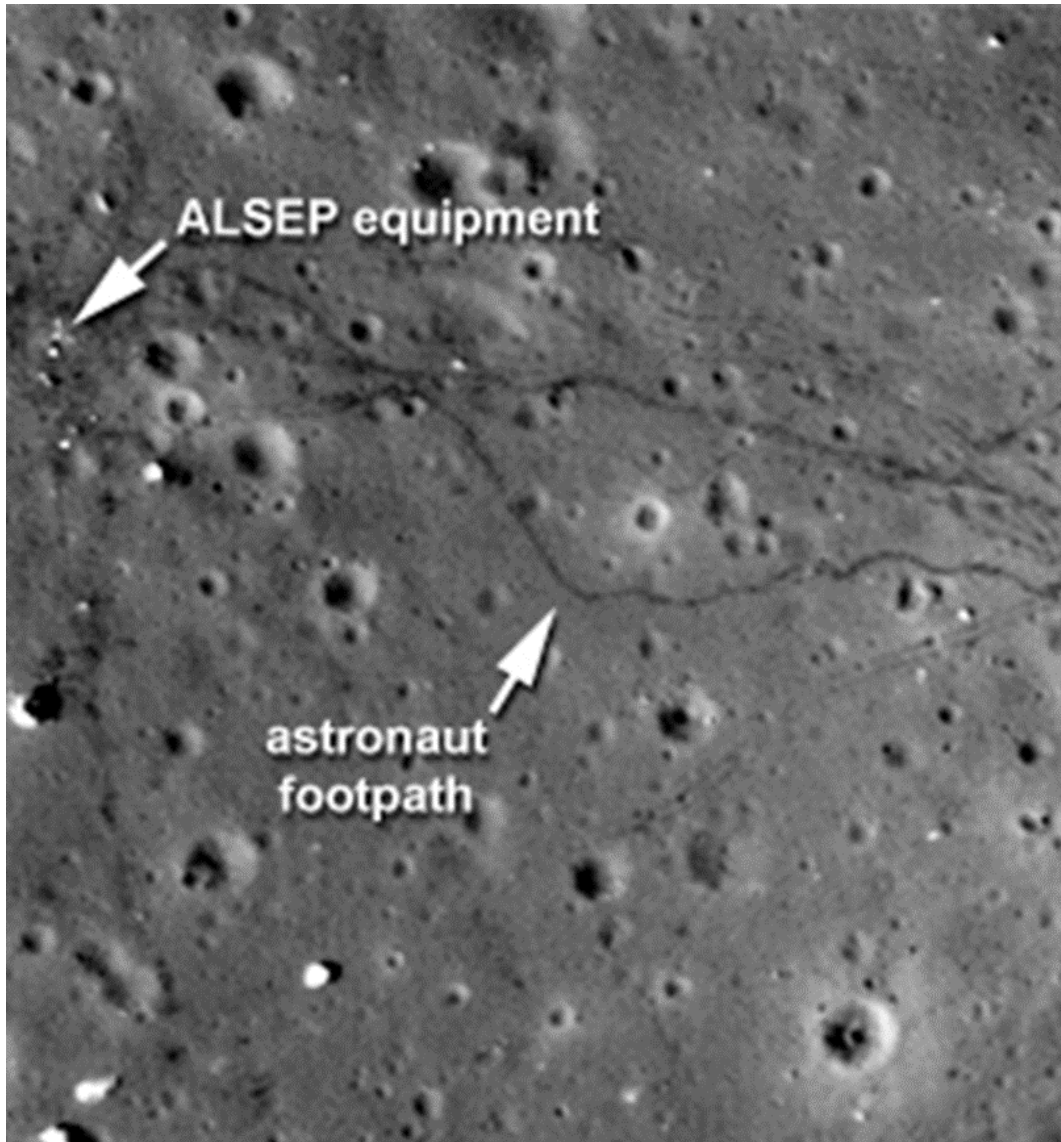
# Human Milestones





## Human Milestone

- Our journeys to the Moon and other celestial bodies represent the work and innovation from countless people over generations.
- The signs of human life that now lie on the lunar surface are evidence of a technologically advanced, intelligent civilization.
- They tell a story of science, technology and culture and serve to capture the imagination.
- And they memorialize the work of the hundreds of thousands of scientists and engineers throughout human history who have studied or endeavored to reach the stars.



## Sites are and Archaeologists' Dream

- They confirm humans as an exploratory, migratory animal.
- They are frozen in time, undisturbed by wind or rain and untouched by any other human – or any living organism – since.
- The lunar landing sites are the ultimate heritage site. Both in terms of significance to humanity as a whole and in terms of preservation.
- The absence of a lunar atmosphere of any note means that all foot- and track prints of the astronauts and rovers are preserved, providing a total record of the pioneering phases of human exploration of outer space.



## Sustainable Space

- Space sustainability is defined as “ensuring that all humanity can continue to use outer space for peaceful purposes and socioeconomic benefit now and in the long term.”
- It’s about creating a community that works, where people live in worthwhile places, in communities that they can connect with,
- It also requires preservation of our community. Of our common heritage and history. We need to preserve a sense of ourselves, our history and our humanity so that we can learn from past mistakes and build upon past success.

# A Nubia Moment

- There have been moments when the international community has come together to recognize outstanding parts of our history. The uniting of 50 nations to save the remnants of an ancient civilization was one of them.
- Now, the uniting of the international community to preserve the story of humankind's exploration of space is another one of those moments.
- For All Moonkind respectfully submits that this is a Nubia moment.

An opportunity to create a new defining example of international solidarity.

Humans First: A Panel Hosted by For All Moonkind  
Side Event on Protecting Human Heritage in Space

17 June 2019 from 13:00-14:00

Followed by a luncheon reception from 14:00-15:00

Vienna International Center, Boardroom D

Lunch Reception in the Coffee Corner

