

## Proposal for Forming an IAA Study Group SG 6.15

**Title of Study: Impact on Society and Global Consciousness from the Iconic Image of the "Earth Rise from the Moon" in 1968.**

**Proposer(s): Bernard Foing (M), Roger Malina (M)**

*(Must be member(s) of the Academy M or CM)*

**Primary IAA Commission Preference: VI, Space & Society**

*(From Commission 1 to Commission 6)*

*Commissions: 1 Space Physical Sciences, 2 Space Life Sciences, 3 Space Technology & Systems Development, 4 Space Systems Operations & Utilization, 5 Space Policy, Law & Economics, 6 Space and Society: Culture and Education*

**Secondary IAA Commission Interests:**

*(From Commission 1 to Commission 6)*

### Members of Study Team

**Chair(s): Bernard Foing (M), Roger Malina (M)**

*(Must be member(s) of the Academy, M or CM)*

**Secretary: TBD**

**Other Members:**

*(Open to members and non- members of the Academy)*

Peter Swan (M), Nona Cheeks, Richard Clar (M), David Raitt (M), Daniela De Paulis, Olga Bannova (CM), Frank White, Arthur Woods, Philippe Ailleris, Jean-François Clervoy (M)

### Short Description of Scope of Study

**Overall Goal:**

*(Expected scientific or practical benefit of the study group's efforts)*

Celebrate in 2018, during the 50th anniversary of "the shot", the impact of the image and the change in consciousness of the global community.

**Process:**

- Focus on humanistic issues enabled and opened by the technical achievement of exploring space, especially the "look-back" from the Moon's orbit. How did that image effect global consciousness?
- Investigate what might be the long-term impact of this iconic image on a civilization restricted to this fragile orb floating in the vast cosmos.
- Understand what can be done now to revive the impression of a "fragile Earth" on society?
- Project into the future, as the human conquest of space unfolds, what issues in ethics, society, art, and thought may be opened?
- Expand the projection into the concept of inhabiting near-Earth space, and settling human communities in outer space. This would include understanding how human experiences may be expanded to include settling into colonies, in LEO, Lagrangian Points, the Moon, and Mars.

**Intermediate Goals:**

- 1) Identify sources for relevant expert data from organizations and professionals in areas of social science, psychology, philosophy, arts and other fields that can support broad aspects of space research and development that will be used to generate recommendations from Study Group.
- 2) Facilitate cooperative productive networking between organizations with common interests and programs.

**Methodology:**

*(Email works, workshops, stand alone conferences, interim publications, etc.)*

Multidisciplinary surveys, conference publications and sessions, email works and regular meetings at IAA events.

**Time Line:**

*(Cannot exceed three years)*

- 1) The Executive will meet (on-line) at the beginning of the three-year study to define the research and report outline, assign editorial responsibilities, and assign teams and leaders for the development of research in the outline.
- 2) Interim results will be discussed at the IAC meetings.
- 3) Final report will be submitted by the end of the three-year study.
- 4) Long Term Process:
  - 1) Enable meetings twice a year with work conducted between meetings leading to a study result supporting the goals and objectives.
  - 2) Plan for a series of presentations at Beijing IAC, Toronto IAC and Israeli IAC leading to a report and a recommendation for the Academy to prepare for 2018.
  - 3) Sponsor and conduct a celebration of the 50 years of impact from the Iconic image during the 2018 IAC.

**Final Product (Report, Publication, etc.):**

Executive summary report—for widespread distribution by the IAA—detailing findings and recommendations which will include:

- 1) Discussion of ethical and societal problems needs to be addressed for successful next step in space exploration.
- 2) Set of recommendations from the Study Group findings that the Academy agrees to/and endorses.
- 3) A series of celebrations around the globe based upon the study results.

**Target Community:**

IAA, Space Agencies, Academic Institutions, Space Policy Organizations (public & private), Professional Societies, Aerospace Industry, International Community, International Media. In addition, as one of the major results of the image was the recognition of the fragility of the Earth, the environmental community as a whole should be included.

**Support Needed:**

- 1) Use of IAA web site.
- 2) Reservation of rooms for meetings during the IAC Congress.
- 3) Finding a sponsor and/or publisher for publication of the final report in a book format.

**Potential Sponsors:**

IAA, World Space Agencies (including ESA, NASA, CNES, Roscosmos, JAXA, DLR), Private Industry (Boeing, Lockheed Martin, Shimizu Corporation), Cospar, ILEWG, IAF ITACCUS and IAF Space University Committee.

*To be returned to the IAA Secretary General Paris*

*by fax: 33 1 47 23 82 16 or*

*by email: [sgeneral@iaamail.org](mailto:sgeneral@iaamail.org)*

**Date: April 24, 2013**

*(No Signature required if document authenticated).*

**Follow-up Section for IAA use only**

**Initial Phase**

**Application received: August 27, 2013**

**Commission Approved: October 3, 2013**

**SAC Approved: October 17, 2013**

**Web Site Section opened: October 17, 2013**

**Members Formally Appointed by IAA: October 28, 2013**

**Final Phase**

**Peer Review by Commission Completed:**

**Recommended by the Commission:**

**Final Report Received:**

**SAC Approved:**

**BOT Accepted:**

**Publisher Selected:**

**Study Published:**