

Proposal for Forming an IAA Study Group S 2.3

Title of Study:

Biosystems for future extraterrestrial habitats and in terrestrial applications

Proposer(s):

Rupert Gerzer

Primary IAA Commission Preference: Commission II: Life Sciences

(From Commission 1 to Commission 6)

Secondary IAA Commission Interests:

(From Commission 1 to Commission 6)

Members of Study Team

Chairs: Gerda Horneck

Co-Chair: Josef I. Gitelson

Secretary: Petra Rettberg

Other Members: ..to be confirmed:

Blüm, V. (Germany)	Nelson, M. (USA)
Degermendj (Russia)	Nitta (Japan)
Franck, S. (Germany)	Noga, G. (Germany)
Gerzer, R. (Germany)	Poughon, G. (France)
Henninger, D. (USA)	Rabbow, E. (Germany)
Jverson, T.H. (Norway)	Schurr, U. (Germany)
Kliss, M. (USA)	Sichev (Russia)
Knott, B. (USA)	Tichomirow (Russia)
Lasseur, C. (ESA)	

Short Description of Scope of Study**Overall Goal:**

To develop a publishable position paper addressing the key issues related to biosystems for future extraterrestrial habitats and in terrestrial applications

Intermediate Goals:

Two major workshops, one at the beginning of the study in 2004, the other approximately 6 months before the end of the study, in the middle of the year 2006.

A draft structure will be prepared after the first workshop. Funding of workshops tbd.

Methodology:

Two major workshops, communication and report writing via e-mail and ftp-server.

Time Line:

Three years to final position paper: 2004-2006

Final Product (Report, Publication, etc.):

A publishable position paper on biosystems for future extraterrestrial habitats and in terrestrial applications with special emphasis on terrestrial application and international collaboration.

Target Community:

Governmental bodies funding space and health research around the globe, space life sciences community, biomedical research community in general and ecological research community.

Support Needed:

IAA co-sponsorship of workshops (no funding), IAA endorsement of final report and circulation of report to appropriate agencies.

Potential Sponsors:

NASA, DLR, ESA,NSF, NIH,....

To be returned to IAA Secretariat Paris fax: 33 1 47 23 82 16 email: sgeneral@iaonet.org

Date: 29 September 2003

Signature:

Rupert Gerzer

For IAA Use Only:

**Approved, October 30, 2003
Dr. K. Kasturirangan, SAC VP**