

IAA Study Group: S 3.5

Title of Study:

Dealing With The Threat To Earth From Asteroids And Comets

Proposer(s): Ivan Bekey

Primary IAA Commission Preference: III

(From Commission 1 to Commission 6)

Secondary IAA Commission Interests:

(From Commission 1 to Commission 6)

Members of Study Team

Chairs: Ivan Bekey

Secretary: TBD

Other Members: TBD

Short Description of Scope of Study

Overall Goal:

Identify the most significant issues and potential international cooperative measures to deal with the potentially devastating effects of asteroid and comet impacts on Earth. Assess state of understanding of the likelihood of a disaster in years to come. Assess effectiveness of potential countermeasures. Address technical policy/management, social/psychological, and organizational/management areas for asteroids as well as for comets. Produce a comprehensive report that could, if approved, become an IAA Cosmic Study.

Intermediate Goals:

Methodology:

Organize and attend workshops on the various aspects of the problem in order to gather data and knowledge sufficient to write the report.

Time Line:

- Assemble working team: November 2003
- Last workshop for inputs: Feb 2004
- Draft report : October 2004
- Final report: Spring 2005

Final Product (Report, Publication, etc.):

Report suitable for consideration as IAA Cosmic Study

Target Community:

Space decision makers, scientists, aerospace industry, international community

Support Needed:

Potential Sponsors:

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

Date: August 30, 2003

Signature: Ivan Bekey

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