IAA Study Group Status Report

Responsible Commission: III
Study Number and Title: 3.5: Earth-threatening asteroids and comets
Short Study Description

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.

Progress in past six months:

The study group has now completed a first draft of about half the chapters in its intended report. Efforts continue to complete the remaining chapters though the progress is glacial due to workloads of the members. It is not possible to meet a schedule in an all-volunteer professional group.

Website Study Information up to date? (Study Group Membership, Study Plan and Schedule):

NO. This update will bring up to date if the secretariat uploads it.

Issues requiring resolution? (recommend approach):

Uploads to FTP site requires special software and is very cumbersome. I have previously recommended establishment of a simple web site for the purpose of filing and updating progress and status reports instead of an FTP site, but I do not see any progress toward that simplification (The nascent IAA web site allows downloading only).

Product Deliveries on Schedule?

No. New schedule:

First cut at half of chapters June 2005
First cut at all chapter contents June 2006
Second iteration of Chapter contents October 2006
Findings and recommendations November 2006
Final draft of report complete March 2007

Study Team Member Changes?

Yes. See below.
Name of person providing Study Group Status:
Ivan Bekey

Status Report Date: February 8, 2006

Study Team Membership Changes

Effectivity Date: February 08, 2006

Discontinue:

Eric M. Choi
Systems Engineer
Phoenix Mars Scout Mission
Meteorology Station (MET)
MacDonald Dettwiler Space & Advanced Robotics
9445 Airport Road
Brampton, Ontario L6S 4J3, Canada
905-790-2800 ext. 4788 (phone)
905-790-4522 (fax)

Marcello Coradini
Marcello.Coradini@esa.int
8-10 Rue Mario Nikis
75738 Paris Cedex 15
France

Richard Tremayne-Smith
Current email address: richard.tremayne-smith@bnsc.gsi.gov.uk
Tel. 44 (0) 20 7215 0821
Fax 44 (0) 20 7821 5387
Mailing address: British National Space Centre
151 Buckingham Palace Road
London
SW1W 9SS
Add:

Dr. Ron Turner
Principal Physicist
ANSER
Suite 800
2900 South Quincy St
Arlington, VA 22206
Work: 703 416-3264
Home: 703 440-1395

Dr. Daniel D. Mazanek
Space Mission Analysis Branch (E402)
Systems Analysis and Concepts Directorate
1 North Dryden Street (Bldg. 1209)
NASA Langley Research Center Phone: (757) 864-1739
Mail Stop 462 Fax: (757) 864-1975
Hampton, VA 23681-2199 E-mail: d.d.mazanek@larc.nasa.gov