

SMPAG Semi-Annual Progress Report for Task 7.

SMPAG-RP-005_WP_report_2016-February

SMPAG Semi-Annual Progress Report

Areas covered: Produce a 'road map' for future work on planetary defence

Date of Issue: 12.02.2016

Reporting Period: From 30.06.2015 to 12.02.2016

Summary and Highlights

A revised and enhanced version of the live document on the road map for future work on planetary defence was produced, and information was gathered about the current international deflection-relevant research. In particular, input concerning NASA activities was updated (L. Johnson) and incorporated into the document.

1.0 Purpose and Scope

The purpose of this report is to inform the members of the SMPAG about relevant activities, and to provide input to the Chair for the global SMPAG Semi-Annual Progress Report, with the goal of providing the information which is required to effectively coordinate the activities of the different organizations in SMPAG. The reports will also serve as basis for reporting to COPUOS and other entities.

The report covers all activities relevant according to the TORs of SMPAG and the SMPAG Work plan, as they pertain to Task 7.

2.0 Documents referenced

None

3.0 Acronyms and Abbreviations

None

4.0 Activities during the reporting period

4.1 Completed activities

* Produced a new revision of the live document on the road map for future work on planetary defence. The tabular roadmap (matrix) of current activities per country/ space agency in the appendix was reviewed and updated.

4.2 Ongoing activities

* The work on gathering information on current international deflection-relevant research continues with information provided by other SMPAG members and recent publications.

4.3 Unplanned activities

None

5.0 Activities planned for the next period

Continue developing and enhancing the document on the road map for future work on planetary defence. It has been suggested that the document should contain a year-by-year spreadsheet timeline showing the start and duration of all the projects, particularly the space-mission projects mentioned in the document. It might be useful eventually to set some goals as to what year the SMPAG will have the information to assess the viability of various mitigation techniques and approaches.

6.0 Issues and Problems

None

7.0 Meetings and conferences

IAWN, SMPAG, and DPS meetings, November 2015, Washington DC, USA.

8.0 Outreach and public information

Gave interviews on the asteroid threat, deflection space missions, and related topics for TV, radio and popular magazines.
Produced a video statement for the Asteroid Day Press Conference, 9th February, 2016.

9.0 Schedule and milestones

April 2015: Produced a draft version of the live document on this SMPAG task.
February 2016: Produce version 0.2 of the live document on this SMPAG task.

For the next SMPAG meeting: updates, enhancements of the live document.
