



PRediction Of Geospace Radiation Environment and Solar wind parameterS

Project Overview

- Status
- Deliverables/Milestones
- Dissemination
- Risks
- Amendment to DoA

4th Review Meeting (2017-12-05 to 2018-07-31)

Deviations from work plan

- We were allowed to revisit the SRI contributions to WP 3
- A new amendment was prepared to enable this

Ethical issues

- No ethical issues were identified
- No ethical issues are expected to arise during the next reporting period

IPR

- No IPR issues have been raised.

Use of resources

- There were changes in the planned use of project resources. These were outlined in the new amendment.

Dissemination/exploitation

- A total of 51 papers related to the activities within PROGRESS have been published during the project as a whole (last updated May 2018).
- There have been 111 presentations at conferences/workshops (including summer school) during the project (last updated May 2018).

Deliverables

- All deliveries have now been made.

Risks

- No new risks were encountered.

- New deliverables submitted according to schedule in GA
- All deliverables available from
 - EC participant portal

	Title	Due	Delivered
D5.3	The VERB-IMPTAM low energy seed population	2018-01-31	2018-02-02
D7.3	On orbit forecasts of the energetic electron populations	2018-01-31	2018-07-18
D6.3	Results of the VNC model and two methods of model couplings	2018-02-28	2018-07-30
D7.2	Forecasts of the energetic electron populations within the inner magnetosphere	2018-04-30	2018-07-30
D3.7	Dst and Kp Models	2018-07-31	2018-07-18
D7.4	Summary of the space weather environment	2018-07-31	2018-07-18

#	Title	WP	Due	Completed
MS1	NARMAX models for electrons at GEO	WP 6	M6	100% - Results available on web
MS2	Availability of models for Kp, Dst, and AE	WP 3	M18	75% Model results available on web
MS3	Statistical wave models	WP 4	M24	100% - Models on request
MS4	Fusion of VERB and IMPTAM	WP 5	M24	On going
MS5	Availability of AWSOM/ SWIFT for testing within the consortium.	WP 2	M20	100% - Models are available on request
MS6	Fusion of NARMAX and VERB	WP 6	M30	100% - Model results available of web site

Journal papers

A total of 51 papers related to the activities within PROGRESS have been published during the project as a whole (last updated May 2018).

Papers are listed on the project web site

<https://ssg.group.shef.ac.uk/progress/html/dissemination.phtml> together with a link to publishers web site where available.

PDF files of papers have been removed.

Please check the list on the web site and provide details of recent papers together with a link to the publishers web site.

There have been a number of presentations at scientific conferences.

- Fundamental Physical Processes in Solar-Terrestrial Research and Their Relevance to Planetary Physics, Kona, Hawaii, USA, 8-12 January 2018.
- SRS (Svenska Rymdforskarens Samarbetsgrupp) annual meeting, Kiruna, Sweden, 15-16 March 2018.
- EGU General Assembly 2018, Vienna, Austria, 8–13 April 2018.
- Dynamical Systems in Space Plasmas, Ein Bokek, Israel, 22-29 April 2018.
- COSPAR, Pasadena, California, USA, 14-22 July.

A total of 111 presentations are currently listed on the web site.

PDF file of presentations are listed on the project web site <https://ssg.group.shef.ac.uk/progress/html/dissemination.phtml>.

Please check the list on the web site and provide details of recent presentations together with a PDF of the talk/poster presentation.

Participant fails to deliver output

- The participant at SRI failed to deliver the promised models and results for WP3
- The Commission decided to allow further time for SRI to complete their tasks.
- Redistribution of resources outlined in Amendment 23.
- No other sources of risk occurred.

Amendment 23 to allow SRI to deliver forecast models/results

- **Tasks redistributed**
 - SRI – Guaranteed NARMAX model
 - USFD – Bilinear models
 - IRF – Testing and comparison of results
- **Changes to work schedule**
 - SRI 4 PM
 - USFD 4 PM
 - IRF 1 PM
- **New work package task and deliverable**