

FP7 HELCATS – Kick-Off Meeting WP8 Dissemination

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Overview



- Dissemination is a vital part of the project.
- The primary aim of the dissemination activity WP8 is to support the other work packages and the project as a whole in getting the results of the HELCATS work to broader heliospheric community and other interested parties outside the project.
- An important aspect is coordination of the standardisation of products in terms of formats, naming conventions, metadata, QA and configuration control.

RAL Space

Tasks

- T8.1: To publish the results of the studies in the professional literature, and present them at major international science meetings.
- T8.2: To arrange annual, open meetings for the scientific community during the lifetime of the project.
- T8.3: To install all relevant documents, catalogues, publications on the project website.
- T8.4: To integrate into relevant, established community facilities and websites, including the IRAP propagation tool, the AMDA data-mining tool, HELIO and the UKSSDC.
- T8.5: To disseminate information and results to the public and policy makers.

Tasks



The coordination of these activities will be led by STFC and UPS supporting the dissemination of results from the other WP

Participant number and short name10	Task1 specific effort	Task2 specific effort	Task3 specific effort	Task4 specific effort	Task5 specific effort	WP8 additional effort	WP8 TOTAL
1 - STFC	3.00	2.00	2.00	2.00	2.50	0.00	11.50
3 - UPS	0.00	0.00	0.00	10.00	0.00	0.00	10.00
Total	3.00	2.00	2.00	12.00	2.50	0.00	21.50

The costs for publications and out reach costs for the entire project are also included within this work pacakage.

HELCATS Web Site



The HELCATS web site (maintained under WP1) will be the portal for dissemination both within the project and to the community. http://www.helcats-fp7.eu/

The site will provide regularly updated project information [D8.4] and links to related catalogue/data dissemination web sites and services [D8.5] including AMDA, IRAP propagation tool (see next talk) and UKSSDC.

Work on an initial version of the web site has already started by Matthew & Jackie and this will be extended over the coming weeks and months.

The site will provide both external and project only areas. The project area will include a wiki for exchange of information and draft documentation.





Publication of results and conclusions

This activity includes supporting individual work package and project level dissemination of results through the professional literature and at international science meetings. [D8.1 & D8.3]. Will coordinate through the steering committee.

Standard resources such as templates, logos, flyers and contact cards will be available to help promote the activities within the wider community.

A list of publications, presentations and other outreach activities will be maintained and accessible via the HELCATS web site.

Related to this activity is the engagement with the public and policy makers through press releases, presentations, social media and related activities [D8.6]. In particular interaction with national/international space weather programmes exploiting existing contacts within the consortium.

Annual open meetings



This WP will be responsible for overseeing the organisation of the annual meetings which will be open to the wider science community [D8.2].

The meetings will be used to disseminate the results and support further exploitation of the catalogues, modelling and techniques. The use of a workshop style format will be used to encourage dynamic use and support of the HELCATS products.

The meetings will be held in conjunction with internal project meetings (months 12, 24 and 36) to avoid the need for additional travel. The baseline is for the meetings to be held in Oxfordshire, Toulouse and Gottingen to maximise the geographic participation.



Catalogue Standardisation

Standardisation of the HELCATS results will simplify inter-working between work packages and interoperability with external users.

A working group will be established to reach agreement on the project standards for delivered catalogue design, feature identification, formats, naming conventions, coordinate systems, metadata, versioning scheme, QA, etc.

Where possible will make use of existing established standards, formats, practices and tools (e.g. consider use of VOTable and HELIO parameter naming and metadata descriptions).

Tools will be provided/developed for the efficient metadata collection, formatting and for catalogue access (e.g. within IDL and Matlab).





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 🔻 🏉 http://hec.helio-vo.eu/hec/hec_gui_fetch.php?cmd=l* 🔎 🔽 😤 😚 🗶 🎉 HELIO HEC - GUI
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       <INFO value="20000" name="MAX_RECORD_ALLOWED"/>
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VOTable:

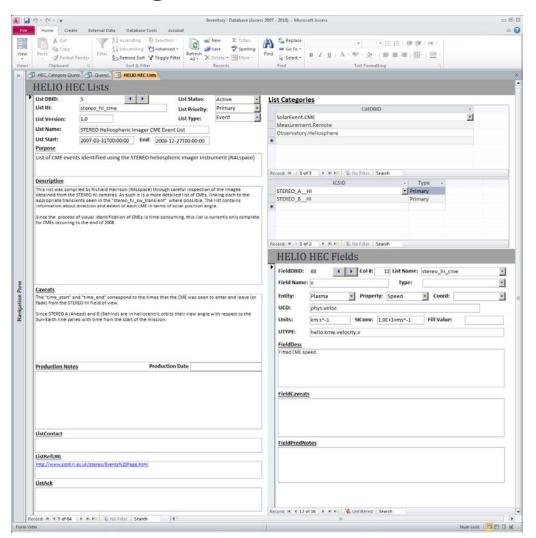
Format widely used in VOs for catalogue data.

Easy to convert to/from CSV and other standard tabular formats.

SolarSoft routines to read VOTable directly.



Catalogue Standardisation



Possible re-use of tools: HELIO Event Catalogue (metadata collection)

Consistent use of variable names, descriptions and metadata across all catalogues.



Catalogue and Data Dissemination

The master copies of the catalogues generated within WP2 to 7 will be maintained on the UKSSDC web site in the agreed format and naming convention and with the necessary metadata, documentation to support long term accessibility and use.

The most recent versions of these catalogues will also be accessible based on existing UKSSDC VO compliant services (e.g. for access by the IRAP AMDA data mining tool and external VO services).

UKSSDC will also be used to serve supporting data products such as the HI J-maps used by the IRAP AMDA data mining tool and propagation tool allowing HELCATS results to visualised within these advanced analysis tools (see next presentation).