



World Meteorological Organization

Weather • Climate • Water

Space Weather Product Portal & Product Access Guide (PAG)

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ICTSW-4

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Outline

- Space Weather Product Portal
 - Background
 - Current challenges
- New Product access guide
 - Needs and objectives
 - Concept
 - Presentation of the new PAG
- Discussion



Space Weather Product Portal - Background

- Established in January 2012
- Contains links to about 30 product collections
- Based on static web pages
- Single classification/navigation structure, by domain,
 - e.g SPACE → Solar → Solar activity



Space Weather Product Portal - Challenges

- Attracts very little traffic (1-5 visits a day)
- Hardly visible outside the community
- Limited flexibility to display other types of information :
 - Training material, Links to expert groups
- No search or filter options
 - e.g. regional products
- Static system makes updates cumbersome, especially if more entries are foreseen



Product Access Guide (PAG)

NEEDS

- Users need enhanced and easily accessible information on (Satellite) products
- Especially important for less experienced users
- Expressed through ET-SUP, CGMS, PSTG, WMO Regional Associations...

OBJECTIVES

- To provide **top-level** overview and guidance on available, quality-controlled (Satellite) product collections
- To enhance visibility to facilitate increased usage of these products
- To integrate in WIS and other WMO information resources

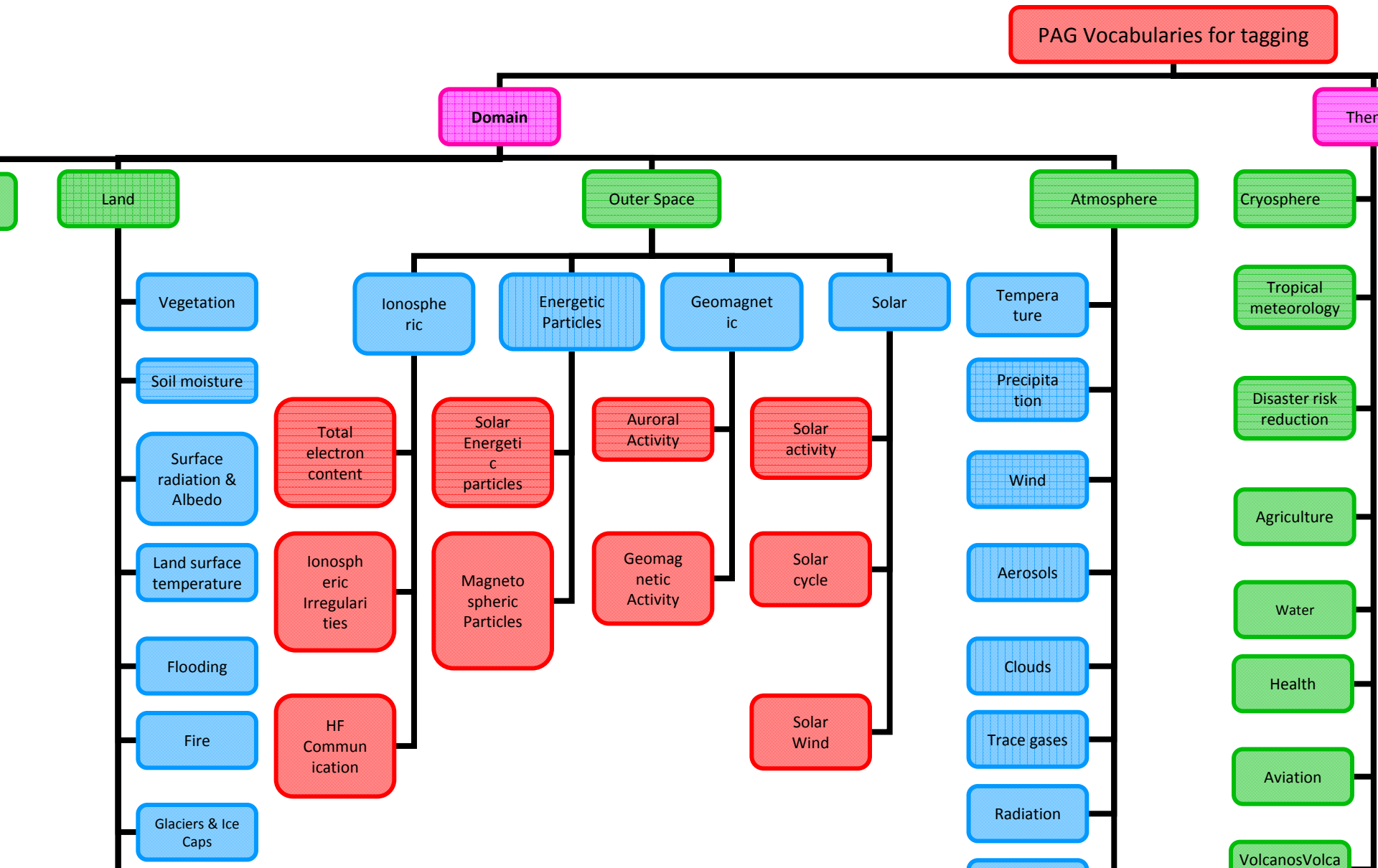


Refined PAG Concept

- One single portal addressing the needs of different communities (Applications, Regional activities..)
- Flexible and multi-dimensional classification (tagging)
- Multiple ways to access information
 - Geophysical Domain and subcategory (Space→ Solar)
 - Theme (Space Weather, Agriculture, Cryosphere...)
 - Region (Africa, Asia, Arctic, Antarctica, Sun...)
 - Type (Satellite data, radar, composite...)
- Based on a dynamic web application
 - Increased coherence with other WMO SP Information Resources
 - More flexibility in displaying information (Search, filter...)



Tags, organized as tree



Entering Product Collections



Link 1

Total Electron Content

Arctic

RA 4

Space Weather

TEC over North America

Link 2

Snow

Glaciers

RA VI

Cryosphere

Snow and Ice Europe

Link 3

Ionospheric

Global

Space Weather

Training Material
about the Ionosphere



Multiple interface possibility

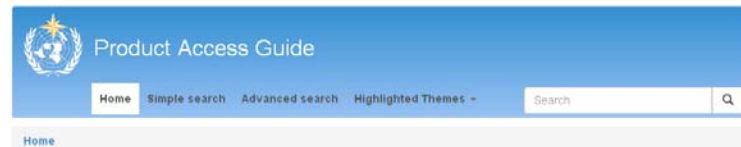


DB with tagged Product Collection links

Regional Portal

Product Access Guide

OSCAR



Welcome

Welcome to the WMO Product Access Guide (PAG) for satellite products. To find product collections, expert teams and training material, please use one of the 3 main navigation options:

- Use the **"quick search form"** available in the top right corner, to search for keywords such as "winds, precipitation, space weather, agriculture..."
- Use the **"simple search"** to find product collections by geographical domain, navigating through a hierarchical list
- Use the **"advanced search"** to combine different conditions, such as geographical regions, organization or cross-cutting themes

About the PAG

The goal of the Product Access Guide (PAG), an online resource maintained by WMO, is to facilitate access for users of satellite-based geophysical products (Level 2 or higher), and to provide guidance on products where possible.

The PAG is not meant to become another comprehensive Product portal such as the GEO portal, the INSPIRE-GEO portal, or the WIS portals.

The goal of the PAG is to provide convenient and user-friendly guidance on how to access a quality-controlled selection of products. This is achieved by linking to targeted product collections made available by product providers.

One key target audience are the least-experienced satellite data users, in particular from developing countries.




Major advantages of the new PAG concept

- For the end-user
 - One stop-shop for all products
 - Different entry points (by Domain, Application, Region, Source...)
 - Search and filter options
 - More coherence, links to other resources possible (e.g. OSCAR)
- For the Space Weather community / data providers
 - Higher outreach and better visibility expected
 - No change necessary on provider's pages
 - Additional possibilities to promote training material, expert teams, or regional product collections
 - Less stringent requirements for providing product collections (can use up to 3 tags for description)



Demonstration of the new PAG



Product Access Guide

[Home](#) [Simple search](#) [Advanced search](#) [Highlighted Themes](#) ▾

[Home](#) / [Theme](#) / [Space Weather Portal](#)

Cross-cutting themes

[Agriculture](#)

[Aviation](#)

[Costal areas](#)

[Cryosphere](#)

[Disaster Risk Reduction](#)

[Space Weather](#)

[Tropical Meteorology](#)

[Volcanoes](#)

[Water](#)

Space Weather Portal

The WMO Space Weather Product portal offers near-real time access to a selection of space weather information products that are routinely generated by a range of space weather centres worldwide participating in the WMO ICTSW. Products are freely available on this portal for discovery, demonstration and training purposes. For operational applications, it is recommended to contact the providing centre in order to confirm the fitness for purpose, and define appropriate delivery mechanisms.

Overview of Organizations



ISES



Bureau of Meteorology
(Australia)



CSWFC (Canada)



ESA (Europe)



CMA (China)



INPE (Brazil)



FMI (Finland)



NICT (Japan)





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Thank you for your attention