



The ISWI Website and the ISWI Newsletter:



A Summary Report

or what you do not know about
ISWI Website and ISWI Newsletter

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–Kyushu University, Japan



The ISWI Website and the ISWI Newsletter:

A Summary Report

Outline:

- **History of the establishment** (where they are, who makes them)
- **Rules for management of the website**
- **Current content on the web site**
- **Statistical data on the Newsletter**
- **Statistical data on the website**
- **What will we do in future ?**
 - ISWI News Letter
 - ISWI Secretariat Web site

History of the establishment

Newsletter



ISWI site appeared on the Internet
in late December 2009

Inaugural issue of the

ISWI

(International Space Weather Initiative)

Newsletter

The first issue
was released on
November 19, 2009



History of the establishment Newsletter

There are the first two pages of the Newsletter

Prof. Dr. Kiyohumi Yumoto
Director
Space Environment Research Center
Kyushu University
Hakozaki 6-10-1
Higashi-ku Fukuoka 812-8581
Japan



UNITED NATIONS
Office for Outer Space Affairs

23 October 2009

Dear Professor Yumoto,

International Space Weather Initiative Newsletter

The United Nations Committee on the Peaceful Uses of Outer Space (UNCOPUOS), in its fifty-second session in Vienna from 3 to 12 June 2009, noted the importance of continuing to build upon the successes of the International Heliophysical Year 2007 (IHY 2007), in particular by deepening the understanding of the function of the Sun and its effects on the Earth's magnetosphere, environment and climate, and noted with satisfaction the agreement reached by the Scientific and Technical Subcommittee at its forty-sixth session to consider, beginning at its fortyseventh session in 2010, a new agenda item entitled "International Space Weather Initiative (ISWI)" under a three-year workplan (2010, 2011, 2012) with specific focus on the effects of space weather on the Earth.

ISWI will utilize the ground-based world-wide IHY instrument arrays under deployment since 2005. In this respect I am taking the opportunity to thank you, on behalf of the United Nations Office for Outer Space Affairs (UNOOSA), for the outstanding success of MAGDAS implemented in your capacity as Principal Investigator of the MAGDAS/CPMN Project and Organizer of IHY for Japan.

International ISWI workshops have been tentatively scheduled to be hosted by Egypt (2010) for Western Asia, Nigeria (2011) for Africa, and Ecuador (2012) for Latin America and the Caribbean. The 2009 UN/ESA/NASA/JAXA Workshop on Basic Space Science and the International Heliophysical Year 2007, held in the Republic of Korea in 2009, started implementing the ISWI as put forth by UNCOUOS.

One of the major elements of ISWI will be the publication of an ISWI Newsletter on a continuing basis in the period of time 2010-2012 to assure worldwide delivery of the results of ISWI and its instrument arrays. This will cover all 192 Member States of the United Nations. Following deliberations of UNCOUOS and UN/ESA/NASA/JAXA workshops, I would like to request SERC of Kyushu University to publish the ISWI Newsletter, under your distinguished guidance. Distribution of the Newsletter will be accomplished by email and mail as might be appropriate. UNOOSA, through its mailing system, will support the distribution of the ISWI newsletter to UN Member States.

Thank you for your cooperation.

Sincerely,

Hans J. Haubold
United Nations Programme on Space Applications

Office is located at
Campus of
University.
(Fukuoka, Japan)

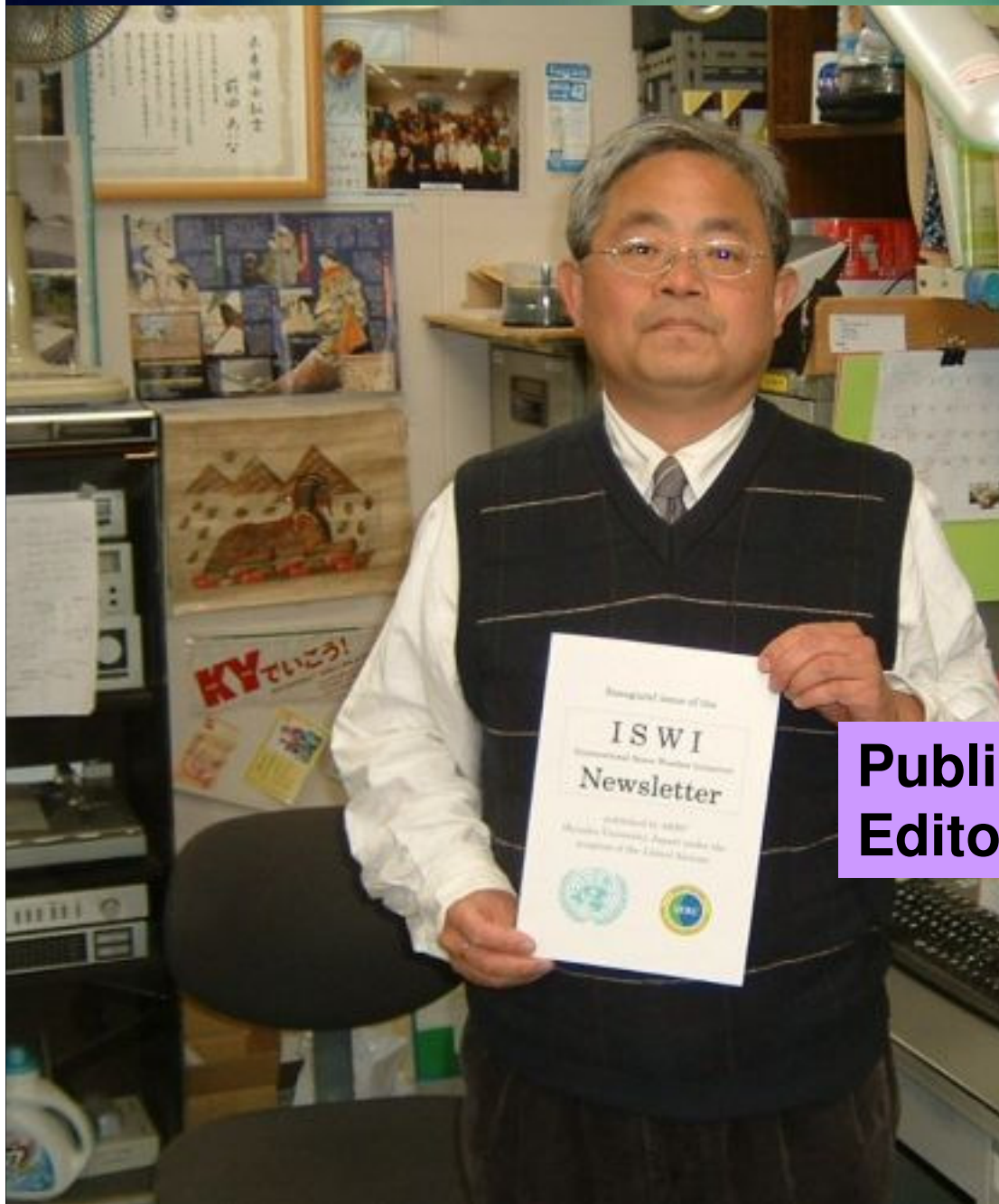


The letter (23 Oct 2009) written from Prof. Haubold
to Prof. Yumoto.

This is the official decision for issuing of Newsletter.



The establishment of ISWI Newsletter



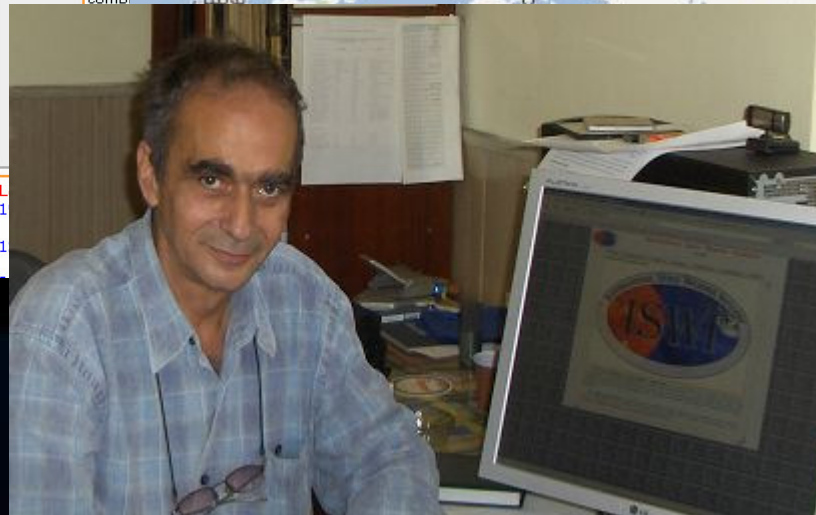
Publisher is: Prof. K. Yumoto
Editor is: George Maeda

History of the establishment

The website www.iswi-secretariat.org



ISWI server is located at the campus of Bulgarian Academy of Sciences. (Sofia, Bulgaria)



BULGARIAN ACADEMY OF SCIENCES



Webmaster is: Dimitar Danov

History of the establishment

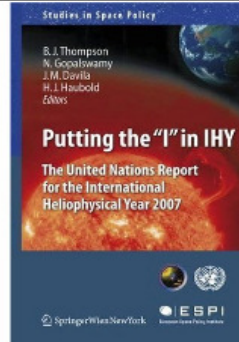
The website

Please Note: IHY has officially closed as of March 2009, and this site is no longer being updated.

Many aspects of IHY are being continued through the [International Space Weather Initiative \(ISWI\)](#)

Additionally, analysis of IHY science campaigns is continuing through the [Whole Heliosphere Interval activities](#)

A book summarizing IHY's activities is available for purchase on [amazon.com](#)



As ISWI is a continuation of IHY, also a Web-site must be continuation of the site <http://www.ihy2007.org/>.

INTERNATIONAL HELIOPHYSICAL YEAR
2 · 0 · 0 · 7 — 2 · 0 · 0 · 9

Advancing our Understanding of the Fundamental Heliophysical Processes that Govern the Sun, Earth and Heliosphere

Continuing the tradition of international research and advancing the legacy on the 50th anniversary of the International Geophysical Year

Demonstrating the Beauty, Relevance and Significance of Space and Earth Science to the World

International Geophysical Year
Continuing a Tradition of International Collaboration on the 50th Anniversary of IGY 1957

IGY Gold History Program

ENTER YOUR SCIENCE CIP ONLINE NOW

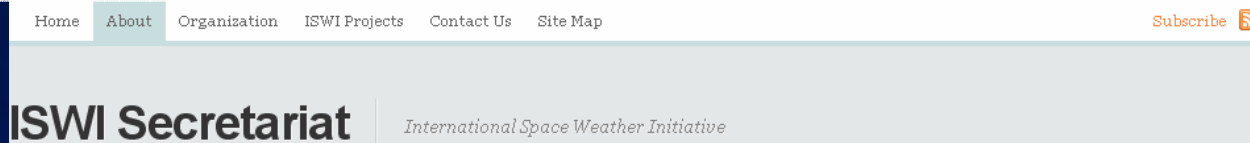
The banner features a central graphic of Earth with magnetic field lines and a question mark. On the right, there are four small images: a solar flare, a cross-section of the Earth's interior, a view of Earth from space, and a ringed planet. A timeline at the bottom shows two orange circles representing the years 2007 and 2009.

History of the establishment

The website

Two options were discussed

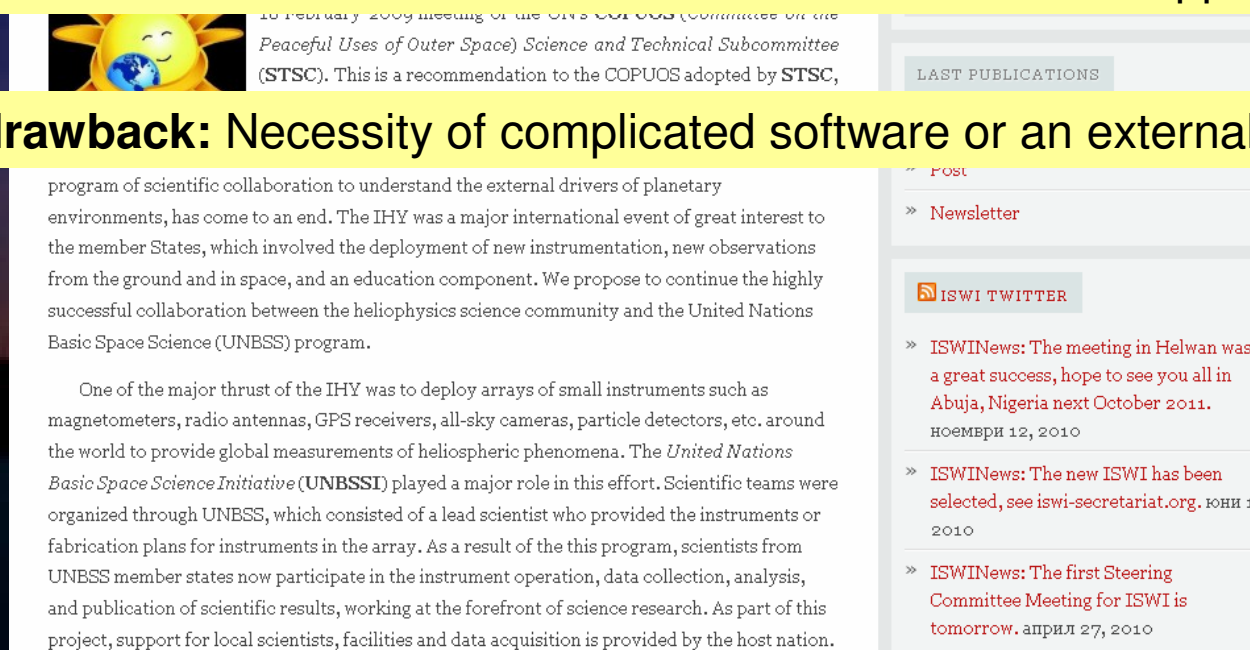
The first option was based on **WordPress** (<http://wordpress.org/>).



Advantages: Visitors actively participate in the creation of news, forum discussions.

Disadvantages: Number of pages in the site are limited, restrictions on the size and on the format of supported files.

Major drawback: Necessity of complicated software or an external server.



History of the establishment

The website

The second option was: a simple site based on HTML4 (HyperText Markup Language), JavaScript and Perl



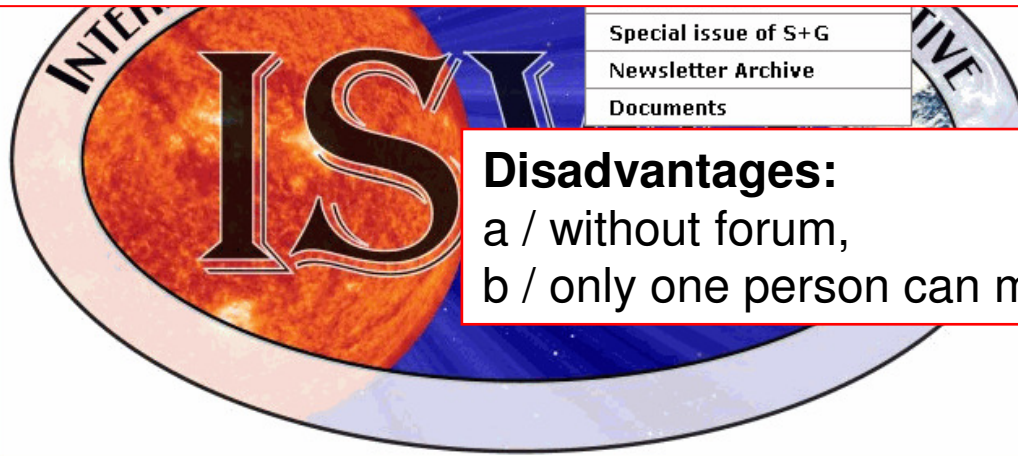
International Space Weather Initiative

ISWI

[About](#) [Organization](#) [Projects](#) [Meetings](#) [Publications](#) [News&Blog](#) [HOME](#)

Advantages:

- a/ sufficient own server resources
- b / no need to install additional software
- c / no restrictions on the number of files and their format.



[Special issue of S+G](#)

[Newsletter Archive](#)

[Documents](#)

Disadvantages:

- a / without forum,
- b / only one person can modify the Site

ISWI is a program of international cooperation to advance the space weather science by a combination of instrument deployment, analysis and interpretation of space weather data from the deployed instruments in conjunction with space data, and communicate the results to the public and students. ISWI is a follow-up activity to the successful IHY 2007, but focusing exclusively on space weather.

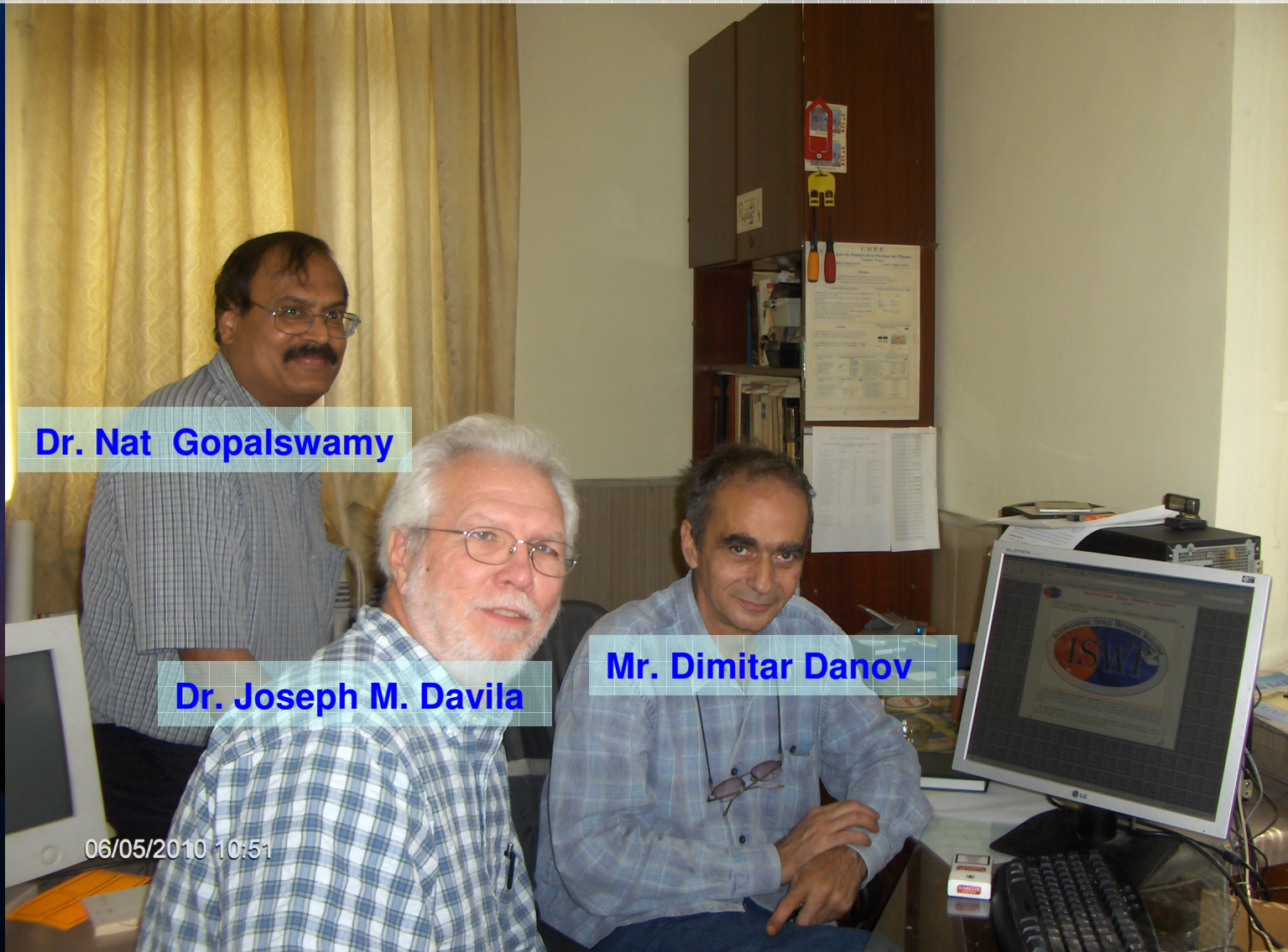
The goal of the ISWI is to develop the scientific insight necessary to understand the science, and to reconstruct and forecast near-Earth space weather. This includes instrumentation, data analysis, modeling, education, training, and public outreach.

Latest News:

History of the establishment

The website

The final choice was carried out in Sofia from following persons:



Dr. Nat Gopalswamy

Dr. Joseph M. Davila

Mr. Dimitar Danov

Rules for the management of the website

Responsible for the site content is Mr. Danov

New content is added only after permission from one of the following persons:

- ✓ **Prof. Hans J. Haubold** - UN Office for Outer Space Affairs
- ✓ **Dr. Joseph M. Davila** - Director of ISWI
- ✓ **Dr. Natchimuthuk Gopalswamy** - Director of ISWI

Any changes related to the Instrument Arrays are made after coordination with the respective Lead Scientist.

National Coordinators may propose Site Content.

News will be spread through the ISWI Newsletter.
The complete archive of the ISWI Newsletter is stored on the website.

Current content on the site

International Space Weather Initiative

MAP of

WWW.ISWI-SECRETARIAT.ORG

About

- [Objectives](#)
- [History](#)
- [Sponsors](#)
- [About this site](#)



Organization

- [Secretariat](#)
- [Organization](#)
- [Steering Committee](#)
- [National Coordinators](#)



Projects

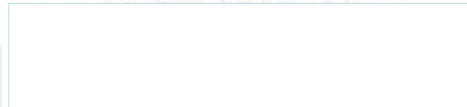
- [Instrument Projects](#)
- [Instrument Leaders](#)
- [Participating Countries](#)
- [ISWI Space Science Training](#)



- [Gift Workshops](#)

Publications

- [Books](#)
- [Proceedings](#)
- [Presentations on this site](#)
- [Presentations on other sites](#)



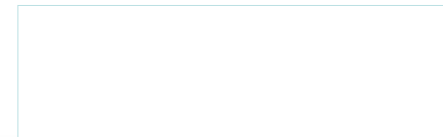
- [Newsletter Archive](#)
- [Documents](#)

Meetings

- [ISWI-UN Workshops](#)
- [Calendar of Events](#)
- [ISWI Events](#)

News&Blogs

- [Latest ISWI Newsletter](#)
- [Just Published](#)
- [Message board](#)



Current content on the site

12 new themes (each one linked to one or several web pages) have been added since creation of the site until now (31 August 2012).

They are as follows:

Under the tab: **Organization**

- ICSWSE (International Center for Space Weather Science and Education)

Under the tab: **Projects**

- ISWI instrument distribution
- ISWI instrument Web-sites
- Societal Impacts Workshop
- CSSTE (Centres for Space Science and Technology Education) Training

Under the tab: **Publications**

- Video lectures
- Special issue of S+G

Under the tab: **News&Blogs**

- Write message
- changes to this site

Under the tab: **About**

- **Workshops' sites**
- **National ISWI Sites**
- **Logos**

Current content on the site

What is kept in the site ?

File type	Amount of disk storage [MB]	Number of files
HTML code	4.35	486
Adobe PDF	919.	796
Images	74.30	538
sound or movie	410.	20
Word-files	1.76	9
whole	1409.41	1849

Newsletter Archive is included in the table above

Current content on the site

What is kept in the Newsletter Archive

File type	Amount of disk storage [MB]	Number of files
HTML code	1.57	315
Adobe PDF	724.	724
whole	725.57	1039

Newsletter Archive currently holds **51%** of the disk space on the site.

The number of files in the Newsletter archive is **56%** of the total number of files.

Statistical data on the Newsletter

The first newsletter was emailed to **288 persons**

The number of subscribers in September 2012 is: **394 persons**.

The number of subscribers have increased with 106 persons, i.e. **38%**

20	Japan
19	United Kingdom
17	France
15	Brazil
10	India
9	Turkey
9	Australia
9	Russian Federation
8	Malaysia
8	Germany
7	Spain
6	Italy
5	Slovak Republic
5	Argentina

Sub Domain	Number	Domain Description
yahoo.com	50	Yahoo! Inc. Sunnyvale CA
gmail.com	50	Google Inc. Mountain View CA
hotmail.com	6	Microsoft Corporation Redmond
stanford.edu	5	Stanford University Stanford CA
colorado.edu	4	University of Colorado Boulder
mail-list.com	3	Internet Tools, Inc. Houston TX
ymail.com	2	Yahoo! Inc. Sunnyvale CA
sbcglobal.net	2	Internet Services, Inc. Plano TX
cices.org	2	Chartered Institution of Civil Engineering Surveyors

Statistical data on the Newsletter

The number of issues published is as follows:

❖ 2009 - 4

❖ 2010 - 109

❖ 2011 - 110

❖ to the end of September, 2012 they are 101



← 20 cm →

ISWI Newsletter
Hardcopy Archive
(desk drawer of G. Maeda)
Date of this photo 11 Feb. 2012.

2012.02.11

Statistical data on the WEB site

We have two kinds of statistics:

1 / **visible to all** (ClustrMaps), and

2 / **visible only to administrator** (StatCounter).

Both statistics are **made by independent** (external) **organizations**.
Respectively **they count visitors differently**. Common to both statistics is that the Administrator has to insert “invisible” code in the page, whose visitor must be counted. For example, he put this code in the first page of the visible statistics and only its visitors are counted after that.

Some specifics are shown on the following slides.

Statistical data on the WEB site

ClustrMaps - map of visitors location. This is public available statistics.

ClustrMaps provide an attractive map (and table) of the visits by country. Unfortunately, views are updated rarely (on 2-3 months).



- It counts only the number visitors of the first (front) page of the site.
- New visit is detected only if more than 12 hours passed after the previous visit (by the same visitor) i.e. within these twelve hours, all visits from one organization shall be counted as one.

Therefore, the number of visitors is underestimated.

Statistical data on the WEB site

StatCounter – the invisible statistics

- the visitors counted for all pages (few exceptions, e.g. Archived Newsletter)
- a new visit is detected only if more than 2 hours passed after the previous visit (by the same visitor)
- every page counts for itself (page loads number) - how many pages are read by each visitor.

It must be taken into account that sometimes due to overloading at StatCounter server, some pageloads are omitted.

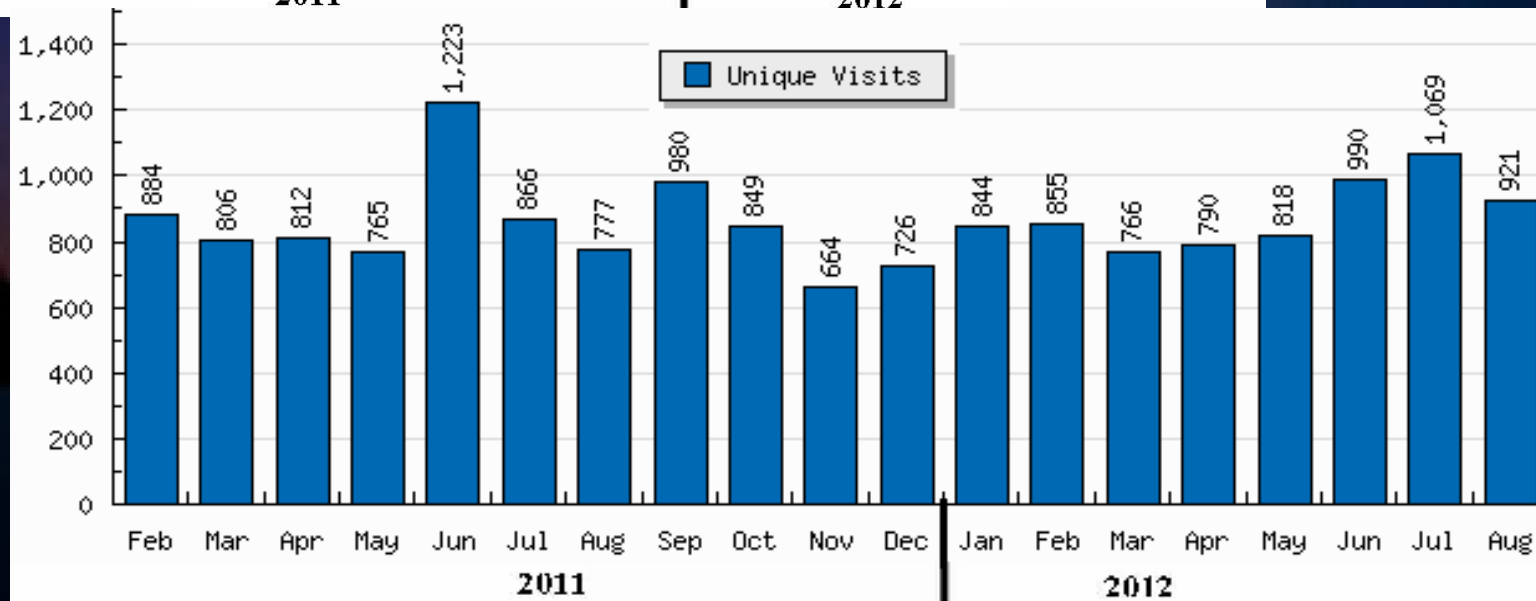
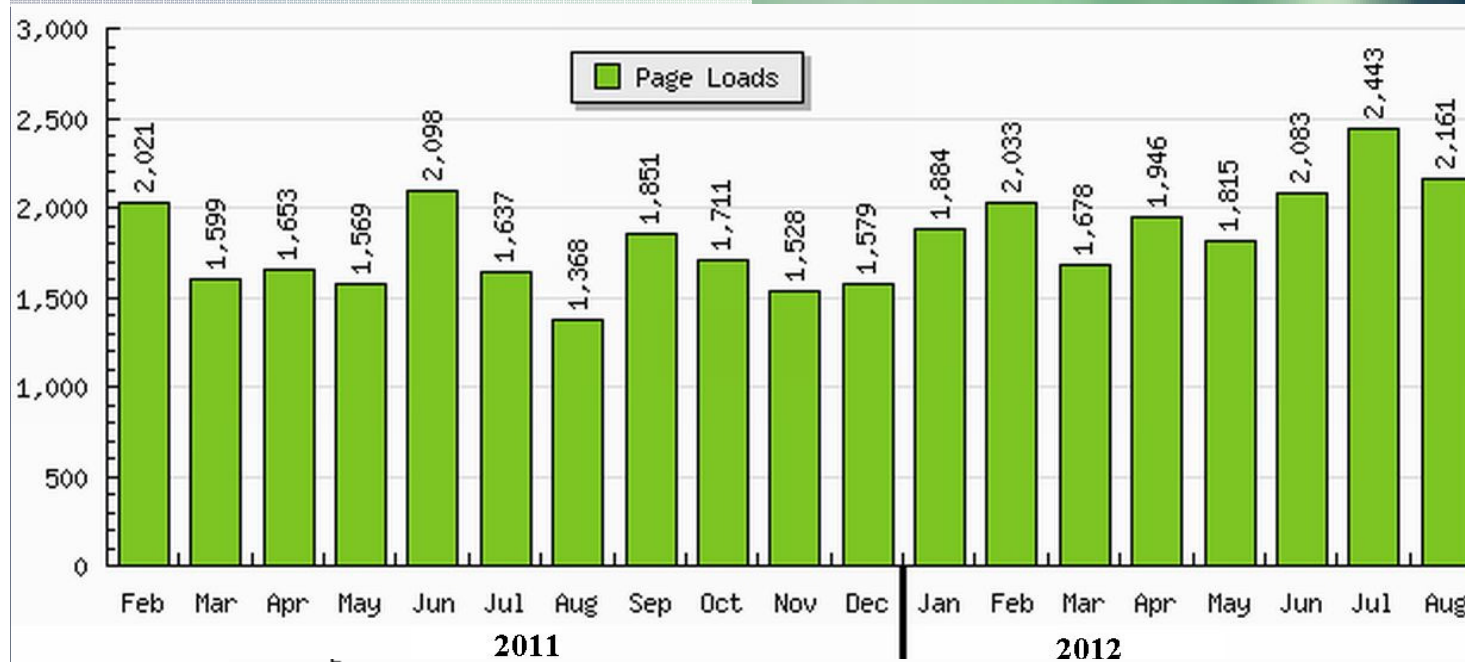
An example of missed visits:

- ❖ StatCounter counts 25-40 visits on average per a day
- ❖ ClustrMaps counts approximately from 6 to 10 visits on average per a day

Information StatCounter provides is abundant.
Examples are given on the next slides

Statistical data on the WEB site

StatCounter - per month



Statistical data on the WEB site


StatCounter

Popular Pages from 2012.8.26. to 2012.8.31

34 Hits	ISWI Workshops International Space Weather Initiative
35 Hits	Current ISWI Instruments MAP (August 2012)
15 Hits	Current ISWI Instruments (March 2011)
14 Hits	Calendar of ISWI Events in 2012
10 Hits	AWESOME and SID
8 Hits	ISWI Training
8 Hits	Instrument Providers Addresses
7 Hits	ISWI Space Weather Societal Impacts
7 Hits	Structure of the International Space Weather Initiative
6 Hits	National ISWI Workshop
6 Hits	ISWI Workshops WEB sites
6 Hits	ULF/ELF/VLF network
5 Hits	BOOKS International Space Weather Initiative
4 Hits	Video lectures from ISWI workshops
4 Hits	Member States International Space Weather Initiative

This list changes every day. Unfortunately the free service does not allow statements for a period exceeding one week

What will we do in future ?



International Space Weather Initiative
ISWI

About Organization Projects Meetings **Publications** News&Blogs HOME

Good Afternoon. Welcome to:

- Books
- Proceedings
- Presentations on this site
- Presentations on other sites
- Video lectures
- Special issue of S+G
- Newsletter Archive
- Documents

INTERNATIONAL SPACE WEATHER INITIATIVE
ISWI

ISWI is a program of international cooperation to advance the space weather science by a combination of instrument deployment, analysis and interpretation of space weather data from the deployed instruments in conjunction with space data, and communicate the results to the public and students. ISWI is a follow-up activity to the successful IHY 2007, but focusing exclusively on space weather.

The goal of the ISWI is to develop the scientific insight necessary to understand the science, and to reconstruct and forecast near-Earth space weather. This includes instrumentation, data analysis, modeling, education, training, and public outreach.

Latest News:

ISWI

(International Space Weather Initiative)

Newsletter

published by *SERC*
(Kyushu University, Japan) under the
auspices of the *United Nations*



Newsletter will continue to be released in the coming years even after the end of the International Space Weather Initiative.

ISWI

(International Space Weather Initiative)

Newsletter

- ✓ Reports for all ISWI instruments will be published .
- ✓ Reports of ISWI National Coordinators will be published .
- ✓ **The events** of Centres for Space Science and Technology Education and the International Center for Space Weather Science and Education **will be followed**



General Guidelines for Material for this newsletter

1. To be a thoughtful mix of text and photos.
2. To be packed into one ADOBE-PDF under 3 MB.
3. Each page to be a letter-size or A4.
4. Contributors to the work to be listed.
5. The creator of the report along with its date to be clearly written on the front page.

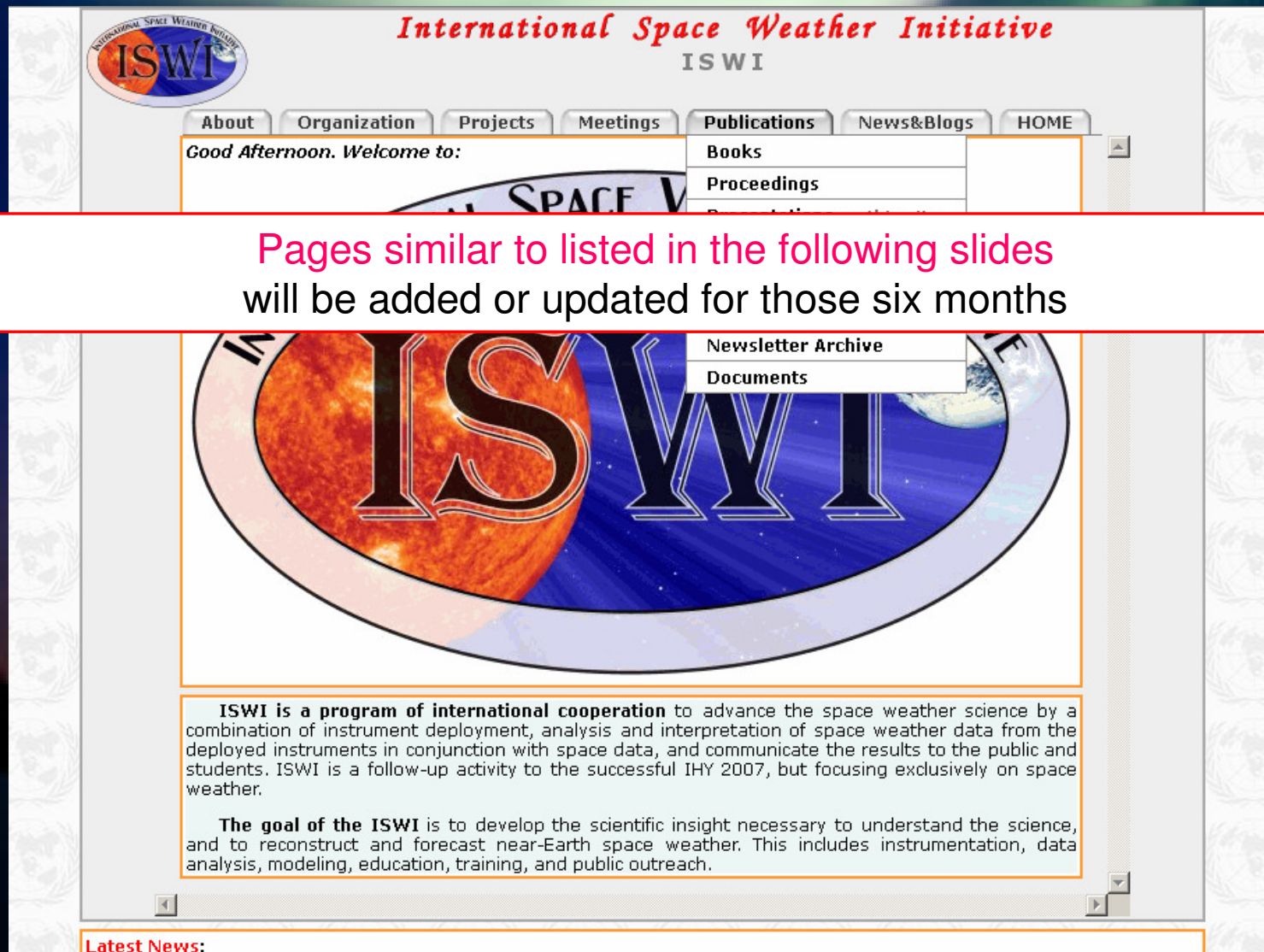
ISWI
(International Space Weather Initiative)
Newsletter

published by *SERC*
(Kyushu University, Japan) under the
auspices of the *United Nations*



What will we do in future ?

The site "ISWI-secretariat" (<http://www.iswi-secretariat.org/>) will be updated within **six months following the official completion of the ISWI** .



The screenshot shows the ISWI website interface. At the top, the text "International Space Weather Initiative" and "ISWI" are displayed. Below this is a navigation menu with buttons for "About", "Organization", "Projects", "Meetings", "Publications", "News&Blogs", and "HOME". A dropdown menu under "Publications" lists "Books" and "Proceedings". Another dropdown menu under "Publications" lists "Newsletter Archive" and "Documents". A large logo for ISWI is centered, featuring a stylized sun and the letters "ISWI". Below the logo, there is a text box containing the following information:

ISWI is a program of international cooperation to advance the space weather science by a combination of instrument deployment, analysis and interpretation of space weather data from the deployed instruments in conjunction with space data, and communicate the results to the public and students. ISWI is a follow-up activity to the successful IHY 2007, but focusing exclusively on space weather.

The goal of the ISWI is to develop the scientific insight necessary to understand the science, and to reconstruct and forecast near-Earth space weather. This includes instrumentation, data analysis, modeling, education, training, and public outreach.

At the bottom left of the page, there is a section labeled "Latest News:".

Pages similar to listed in the following slides will be added or updated for those six months

What will we do in future ?

International Space Weather Initiative
ISWI

8,243 Visitors
16 Oct 2010 - 1 Aug 2012

ClustrMaps® Click to see

About Organization Projects Meetings **Publications** News&Blogs HOME

Books

Proceedings

Presentations on this site

Presentations on other sites February 14,

Video lectures 0

Special issue of S+G 0

Newsletter Archive

Presentations within this site

Opening remarks to Second ISWI Steering Committee 2012 (click [here](#))

First ISWI UN/NASA/JAXA Workshop Helwan University (click [here](#) to view Presentations during the first workshop)

First ISWI UN/NASA/JAXA Workshop Helwan University (click [here](#) to view Presentations during the third workshop)

Under the **"Publications" tab**:
presentations from the **"Third UN / Ecuador Workshop on ISWI"**
will be added.

This page will be similar to the Presentations from
the First UN / ESA / NASA / JAXA Workshop on ISWI

"UN/ESA/NASA/JAXA Workshops Basic Space Science International Heliophysical Year 2007 International Space Weather Initiative. THE WHOLE SHEBANG 1989-1999-2009", Hans Haubold, Presentation to the 47th session of Scientific and Technical Subcommittee COPUOS Vienna, 2010/02/8-19 [here](#)

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Last modified 02/20/2012 16:28:44

What will we do in future ?



International Space Weather Initiative

ISWI



- About
- Organization
- Projects
- Meetings
- Publications
- News&Blogs
- HOME

International Space Weather Initiative First 2010 UN/ESA/NASA/JAXA Workshop on ISWI

The science results from existing and future distributed observatories
and their applications for prediction of space weather

November 06-10, 2010 in Helwan, Egypt

Presentations during the first two day

- GEOMAGNETISM SCIENCE AND MAGDAS STATION AT SOUTH OF BRAZIL** 
Nelson Jorge SCHUCH, Kiyohumi Yumoto, Kazuo Makita, Nalin Babulal Trivedi, Severino Luiz Guimaraes Dutra, Sergio Luis Fontes, Andirlei Claudir da Silva, Tardelli Ronan Coelho Stekel, Cassio Espindula Antunes, Jose Paulo Maechezi, Cristofer Rovian Claro Pedrozo
- Programme on Global Navigation Satellite Systems (GNSS) Applications** 
Sharafat Gadimova
- Space Weather Activities in Egypt** 
A. Mahrous
- The ISWI Global AWESOME and SuperSID Network** 
Naoshin Haque, Umran Inan, Morris Cohen, Deborah Scherrer
- Ionospheric Tomography Network of Egypt** 
T. W. Garner, A. M. Mahrous
- GPS IN AFRICA (2005-2010)** 
Christine Amory-Mazaudier
- Scintillation Network Decision Aid: SCINDA Intro and Update** 
Keith Groves, Ron Caton, Ben Heruska, Kyle Wiens, Josh Orfield
- The South American Meridional B-field Array (SAMBA) and opportunities for inter-hemispheric studies** 
Eftyhia Zesta
- CHAIN Project: International Collaboration on Full Sun Multi-wavelength H-alpha Observation as a Basis of Space Weather Research** 
S.UeNo, K.Shibata, G.Kimura, S.Morita, K.Ichimoto, R.Kitai, S.Nagata, Y.Nakatani
- Space and Ground Missions and Facilities for Solar and Heliospheric Physics** 
Luc Damé
- Optical Mesosphere Thermosphere Imagers (OMTIs)** 
Kazuo Shiokawa
- Ionosphere** 
Kazuo Shiokawa
- The Australian region space weather network** 

What will we do in future ?

ISWI

Navigation: About, Organization, Projects, Meetings, Publications, News&Blogs, HOME


Document

- Books
- Proceedings
- Presentations on this site C.105/1018
- Presentations on other sites
- Video lectures al
- Special issue of S+G glish
- Newsletter Archive
- Documents

United Nations

General Asse

In the "Documents" :
Report on the United Nations/Ecuador Workshop on the International Space Weather Initiative
will be added

download the Original in English (click )

ABUJA ISWI RESOLUTION

UN/Nigeria Workshop on ISWI,
Abuja, Nigeria, 17-21 October 2011



INTERNATIONAL SPACE WEATHER INITIATIVE (ISWI) 2011
UN NIGERIA WORKSHOP
October 17th - 21st, 2011, Abuja, Nigeria

International Scientific Organizing Committee:

- 1. Arny Moutouan, C. France
- 2. Chikara, K. - Mexico
- 3. Cohen, W. USA
- 4. Dook, J. USA
- 5. Georgiev, K. Bulgaria
- 6. Hoshino, A. JPN
- 7. Iguchi, M. (Co-Chair)
- 8. Jones, S. USA
- 9. Kikuchi, S. (Co-Chair)
- 10. Kishimoto, A. Egypt
- 11. Oshino, F. N. (Co-Chair)
- 12. Pappeter, M. South Africa
- 13. Raku, A.B. (Co-Chair)
- 14. Raku, J. F. Brazil
- 15. Shindo, K. Japan
- 16. Wang, C. China
- 17. Yoshida, E. USA
- 18. Yumoto, K. Japan
- 19. Aji, S.
- 20. Ashkenov, E. I.
- 21. Ayarso, R. R.
- 22. Chass, F.
- 23. Fobbe, E. D.
- 24. Fobbe, S. E.
- 25. Hoshino, H. Germany
- 26. Inanishi, A. A.
- 27. Iwaguchi, J. O.
- 28. Kishimoto, S. O.
- 29. Okamoto, S.
- 30. Oshino, F. N.
- 31. Oshino, P. N. (Co-Chair)
- 32. Oshino, E. E.
- 33. Oshino, E. C.
- 34. Oshino, F. E.
- 35. Raku, A.B. (Co-Chair)

Local Organizing Committee:

VENUE
NEZ CONTINENTAL HOTEL
Oshodi District, Abuja.
www.nezcontinentalhotel.com

Hosted by: Centre for Space Science (CSS)

What will we do in future ?

Under the **"Projects" tab:**
a new page **"ISWI instruments - Reports"** will be added



It will include:

- ✓ all reports that were distributed by ISWI NewsLetter
- ✓ final status report of the Instrumental Area (if any)

Dear PI, please include in your reports more pictures. For example:

- ❖ a picture of the instrument
- ❖ photo of people from base team

Please send to mitkodanov@abv.bg Preferred format is MS Word Document.

Also eligible: Adobe PDF and/or PowerPoint PPT.

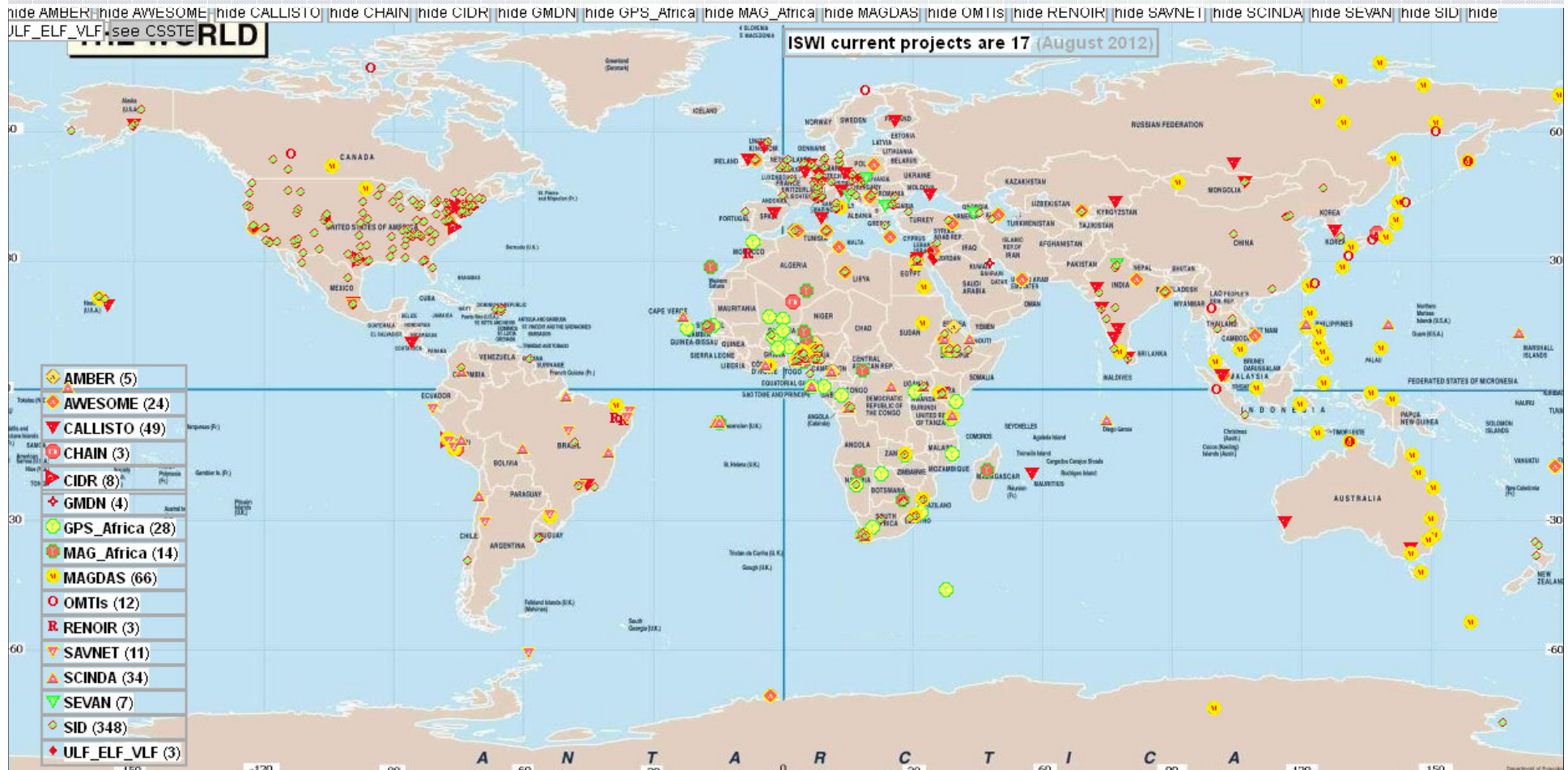
WEB: [Personal Page](#)

Read more about CALLISTO (click [here](#))

What will we do in future ?

A final change for anything related to **“ISWI instrument distribution”** will be made

- The interactive map with the distribution
- Countries where instruments have installed
- Tables with the exact position of instruments





International Space Weather Initiative
ISWI

8,743 Visitors
15 Oct 2012 - 4 Aug 2012

About Organization Projects Meetings Publications News&Blogs HOM

Good Afternoon. Welcome to:



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ISWI

(International Space Weather Initiative)

Newsletter

published by *SERC*

(Kyushu University, Japan) under the
auspices of the *United Nations*



Thank you for your attention