WORKING GROUP ON SATELLITE SOUNDER SCIENCE AND PRODUCTS

Tony Reale, NOAA/NESDIS, Washington D.C. (tony.reale@noaa.gov) Lydie Lavanant, Meteo-France, Lanhon (lydie.lavanant@meteo.fr) Leanne Avila, SSEC, Univ. of Wisconsin, Madison (leanne.avila@ssec.wisc.edu)

About SSSP

http://cimss.ssec.wisc.edu/itwg/sssp/

Satellite Sounder Science and Products

More about SSSP...

Find out how to contribute Email the Co-Chairs Email the SSSP Web

Want To Share Your Research on this Site?

The mission of the sub group on Satellite Sounder Science and Products (SSSP) is to create a forum for scientific algorithms and products from operational and research weather satellities, and to promote scientific exchange among the international group of researchers and product developers.

The goal of this web site is to establish a mechanism for the dissemination and exchange of information across the internation community on available research, techniques and products.

Sub Group for

About the SSSP



Products and Science

Research Satellite (Aqua, ENVISAT)

Direct Readout Opportunitie About the SSSP

ew International TOVS Working Group (ITWG) sub group on Satellite Sounder Science and Products (SSSF) was created at the 11th International VS Shaby Conference, held in Dudgeest Hungary in September 2000. The man purpose of this sub group is to create a forom for correct scientific offining and associated derived products from operational and research statellier, and to promote scientific exchange immagnite the international group.

One action of the FTWG/SSSP was to create a new SSSP web site, available through the FTWG web site. The SSSP web site will serve as the focal noint for promoting correspondence and comparisons among scientists working in the product derivation area. A goal is to establish a home base, and mech for the dissemination and exchange of information across the international community, and the spectrum of available science techniques and products.

The longer term goals of the WG/SSSP will be to report to the ITWG on

- the current status of derived products and scientific algorithms,
 the progress made since the last ITSC meeting,
 perceived areas of strengths and weaknesses, and
 recommended achoes.

About Contributions to this Site

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Live Colleges. research and operational communities by providing a central location for information dissemination and exchang

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When updating or submitting new inputs, please consider the following information

As always, we still your periodical and comments requesting WG on SSSP activities, and ask that you forward this letter to any non-TTSC members that many west to robust goint. Please send inputs via small to both Ch-Chair: Tony.ResideRossa.gov Lyptic Lavannari@mentes.fr

Data Type: satellin(s), instrumen(s); global, direct broadcast (HRPT)

Processing Scenars Le, real-time operational, post-processing, research case studies
Application (cereat and planned); le, November New Tester (as estudies
Application (cereat and planned); le, November New Tester (as estudies
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Availability and Enchanger are producted (all software) available (real-time, archived... online?) and would you be interested in exchanges.

Products and Science

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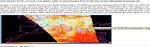
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Processing Packages and Status

Sub Group for Sub Group for Radiative Transfer and Surface Modelling Line by Line Models and Spectroscopy

Line by line models

Line by line models Fast RT models

sing Package (AAPP)

Inversion Coupled with Imager (ICI)

Sub Group for Radiative Transfer and Surface Modelling Fast RT models

Atmospheric profile datasets

Line by line models Fast RT models

Surface property models

More details here, RTIOV is a fast model on fixed pressure levels developed by the EUMETRAT NWP-SAF. More details here RTIASI is a similar fast model specifically for IASI developed at ECMWF. More detail from Marco Matricardi

AIRS RT model developed at UMBC. More details here.

Gastropod a fast model for AIRS developed at the Met Office and

NIWA. More details here and contact is Vanceon Shednek.

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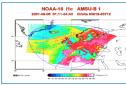


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Operational NOAA Polar Satellites | Research Satellites | Future Satellites Operational NOAA Polar Satellites

ission called Automatic Picture Transmission (APT) at a reduced resolution for the AVHRR sensor in analogic mode mainly for image

The figure below gives an example of the acquisition area of the Meteo-France HRPT station successive orbits for AMSU-B1 local acquisition, NOAA16.





Future

The success and future of the WG on SSSP depends on your feedback and international user awareness of this function, so please, attend at least one of our WG meetings and help spread the International TOVS Study Conference, 13th, TOVS-13, Sainte Adele, Quebec, Canada, 29 October-4 November 2003. Madison, WI, University of Wisconsin-Madison, Space Science and Engineering Center, Cooperative Institute for Meteorological Satellite Studies, 2003.