



Space Science in Argentina – CONAE's Experience and International Cooperation

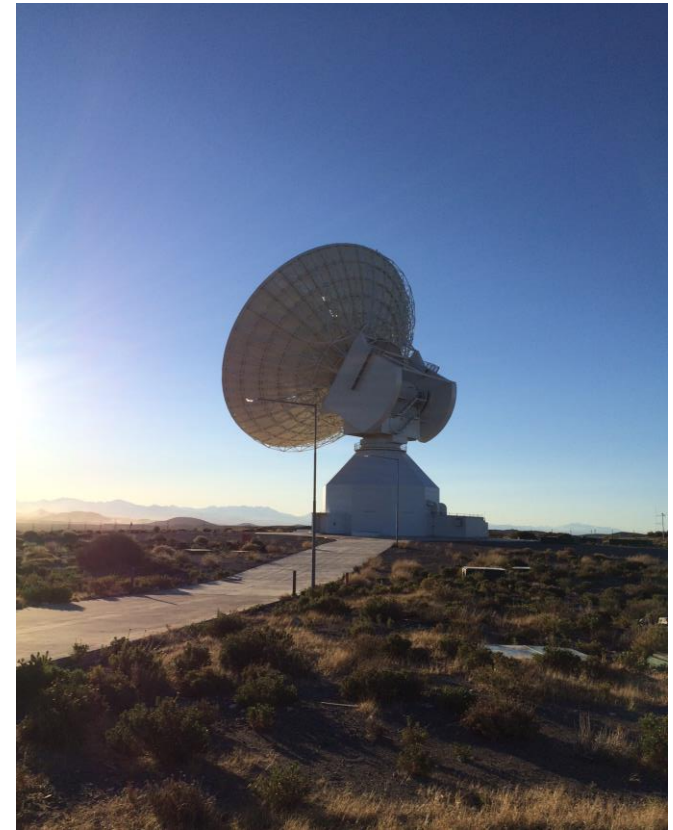
**United Nations / Italy Workshop
on the Open Universe Initiative
Vienna, Austria, November 20th
2017.**

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Agenda

- Introduction
- Earth Observation Data
- Education and Mass Training
- International Cooperation
- National Systems of Instruments, Facilities and Databases
- Wrap-up



CONAE

Space Agency created in 1991

CONAE has the mission of proposing and executing a National Space Program, which is a strategic plan for the space activities and constitutes a government policy of national priority.

Main Goals:

- Earth Observation.
- Exploration and peaceful use of Outer Space.
- Technological developments for space use.





CONAE

In

Space






Catalogue of Earth Observation Data Products

Several dozens of
different products
generated daily

Cooperation from all the
scientific and technical
agencies



13 DE NOVIEMBRE DE 2017 WEBMAIL | INTRANET | CONTACTO |

COMISIÓN NACIONAL
DE ACTIVIDADES ESPACIALES


Catálogo de Imágenes y Productos

Satélites

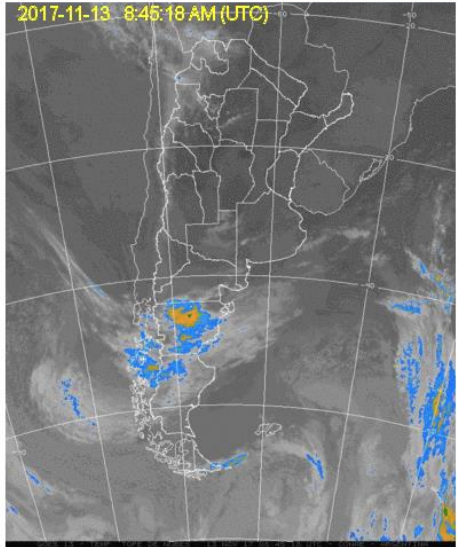
AQUA (*)	
GOES	
LANDSAT	▼
NOAA	
NPP (**)	
SAC-C	▼
SAC-D (**)	▼
SPOT (L)	▼
TERRA (*)	
OTROS	▼

(*) Acceso Libre
(**) Acceso con Registro
(L) Acceso bajo Licencia

Nuevo Catálogo: COSMO Humedad de Suelo



2017-11-13 8:45:18 AM (UTC)



Referencias: -32° -40° -52° -60° -70° [Otras Vistas Disponibles](#)

Nota: Las horas de las imágenes se encuentran expresadas en

Productos Derivados

MODIS Valor Agregado (**)	▼
NPP Valor Agregado (**)	▼
Humedad de Suelo	▼
Rugosidad de Suelo (L)	▼
Indice de Vegetación (L)	▼
Precipitación	▼
Cuerpos de Agua (L)	▼
Areas Urbanas	▼
GEONET Cast Americas	
USGS	
OTROS	▼

(*) Acceso Libre
(**) Acceso con Registro
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T: 5411-4331-0074 int. 5413/1084
Por consultas y pedidos de imágenes contactarse a ssu.atencionUsuarios@conae.gov.ar

Servicios SIG



Level 1, 2, 3 productos available for any user

Ultimos productos

Clorofila Máxima
Decada 1 Noviembre 2017

[Ver Detalles](#) [Ver Todos](#)

Clorofila Promedio
Decada 1 Noviembre 2017

[Ver Detalles](#) [Ver Todos](#)

Temperatura Máxima
Decada 1 Noviembre 2017

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Temperatura Promedio
Decada 1 Noviembre 2017

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Ver más productos en [Buscador](#) al final de página.

NDVI - Argentina
2017-10-24 a 2017-11-08

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Diferencial NDVI - Argentina
2017-10-24 a 2017-11-08

[Ver Detalles](#) [Ver Todos](#)

EVI - Argentina
2017-10-24 a 2017-11-08

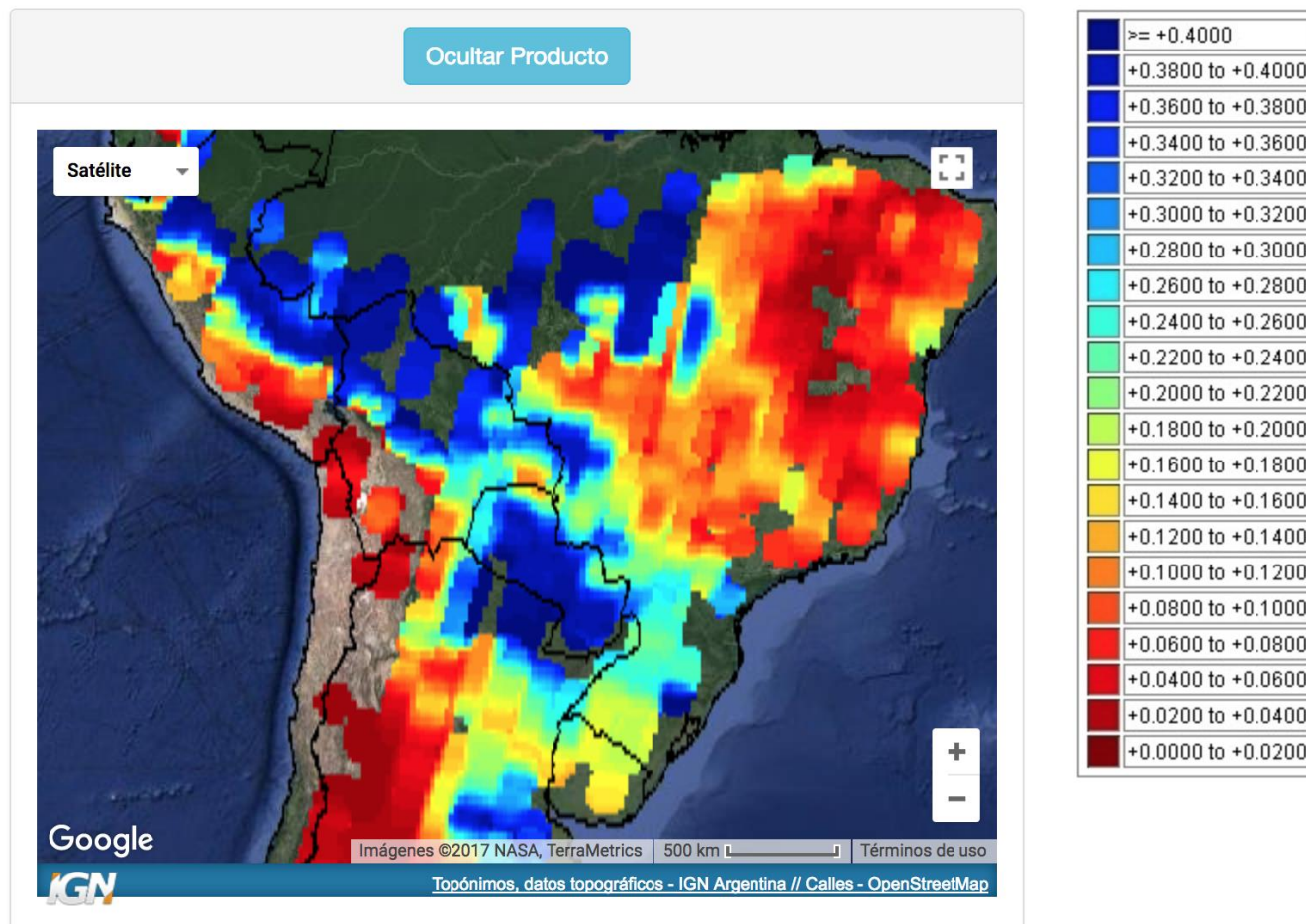
[Ver Detalles](#) [Ver Todos](#)

Diferencial EVI - Argentina
2017-10-24 a 2017-11-08

[Ver Detalles](#) [Ver Todos](#)

Specific products developed to fulfill local users requirements

SAC-D/Aquarius – Soil Moisture Product.

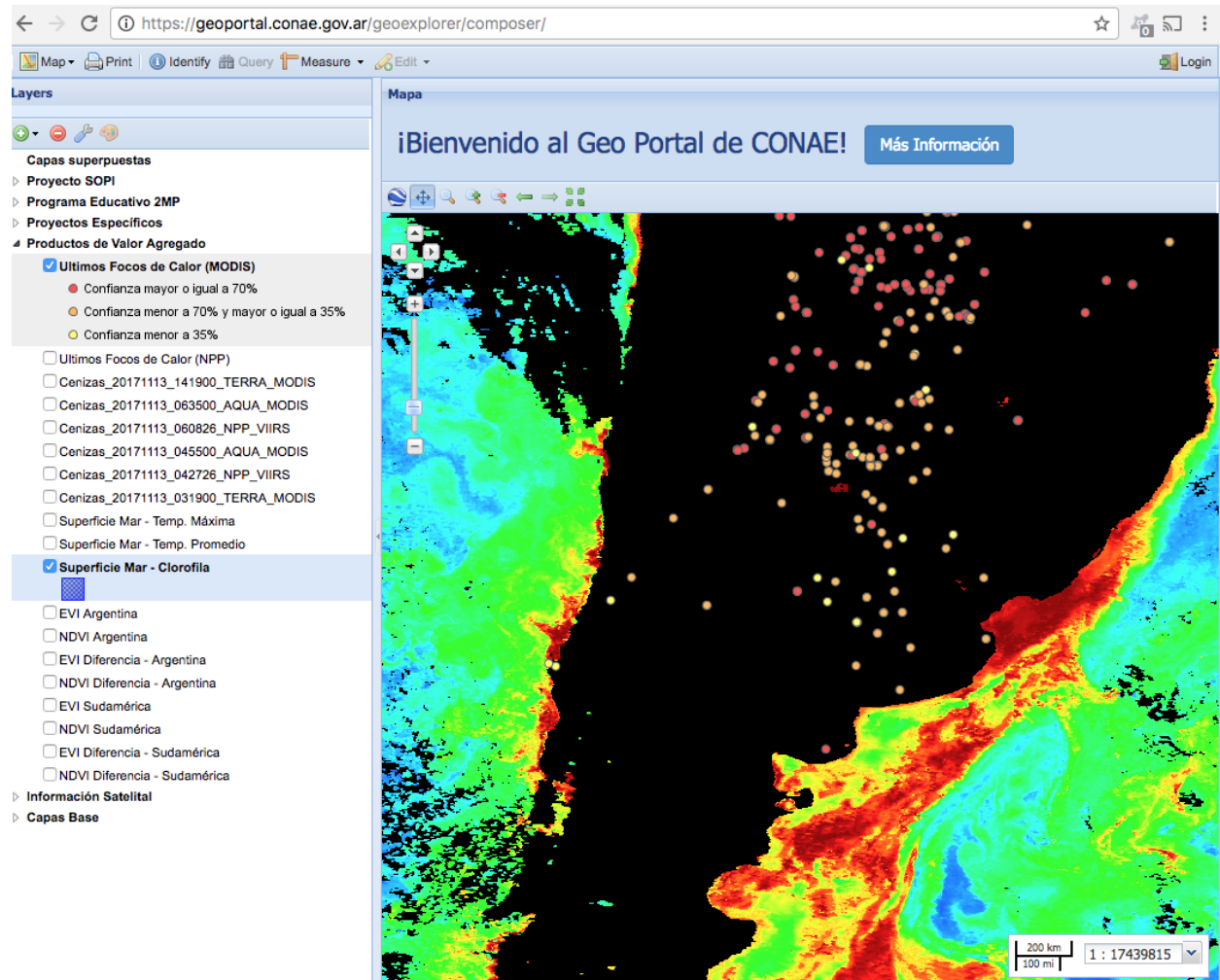




GeoPortal

GeoWarnings

Layer of information
provided from projects
of CONAE and local
partners.



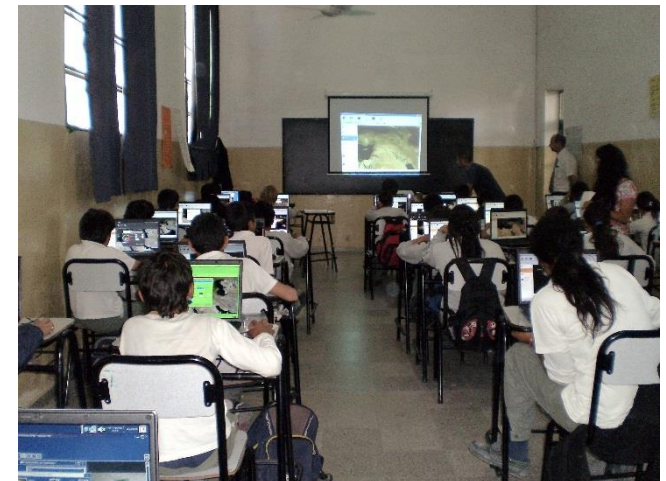


The aim of this line of action, Massive Education and Training to users, is to transfer the knowledge and space technologies to the whole society so as those technologies may be used as a source of information that enables (as a consequence of the combination with other information) the enhancement and optimization of the activities developed both in the educational and socio-productive scope.

2Mp seeks to use and know these tools through the school, and then transfer it to other areas of their life or to their professional field.



SoPI is a national software development that seeks to accompany students and users in the incorporation of the potential of satellite images and geospatial technologies to their professional and educational activities.



International Cooperation For Astronomical Applications

Deep Space Antenna of the European Space Agency was installed in Argentina in 2012.

10% of the operative time is available for Argentinean scientific projects.

On-going projects for radioastronomical observations.



International Cooperation For Astronomical Applications

Deep Space Antenna installed in
Argentina to support the
Chinese Moon Exploration
Program.

Operative in 2018.

10% of the operative time is
available for Argentinean
scientific projects.

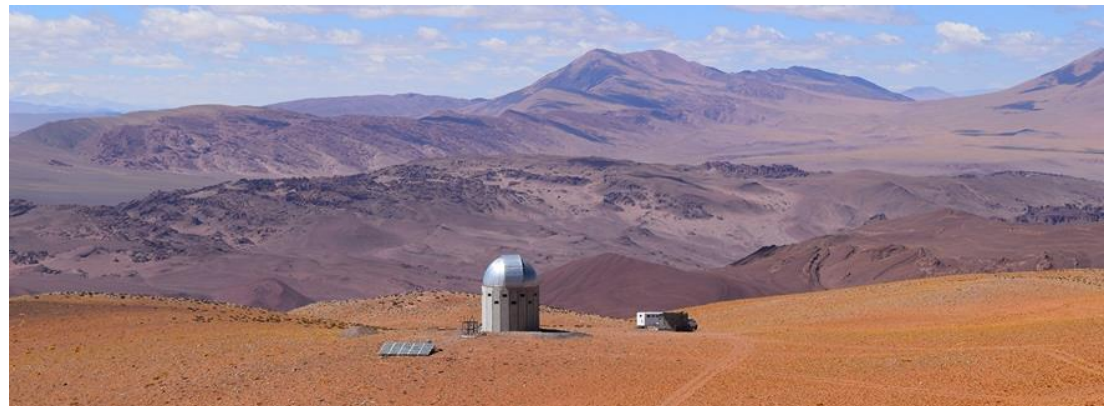


International Cooperation For Astronomical Applications

International Scientific Optical Network (ISON) Project

The initiative was possible from a cooperation agreement between the Keldysh Institute of Applied Mathematics of the Russian Academy of Sciences (KIAM RAS), CONAE, IATE (UNC-OAC-Conicet) and the government of the Province of Salta.

The project includes in the first stage 3 small telescopes for tracking and discovering space debris, asteroids and comets.



National Systems Initiative

The programme of National Systems gathers large equipments, facilities and databases of diverse areas of interest for the science community and which are registered in a public body heritage.

The programme operates in a network and in a coordinated fashion making this information available to researchers. It also provides funding support to ensure it is continually updated.

It is an initiative of the Ministry of Science, Technology and Productive Innovation.





National Digital Repository

- Open Access to scientific-technological production: users can read, download, print, search or link complete text of scientific articles.
- 40 national centers provide information to the System.
- 89348 digital objects available through the SNRD Portal

<http://repositoriosdigitales.mincyt.gob.ar>



- CONAE as the Argentine Space Agency, is a space data provider, mainly oriented to Earth Observation.
- Education and Mass Training Programs.
- International cooperation, astronomical use of Deep Space Antennas, ISON.
- Digital Repositories for science.



Thank you

<http://www.conae.gov.ar>