

The IUGONET and its products for space weather study

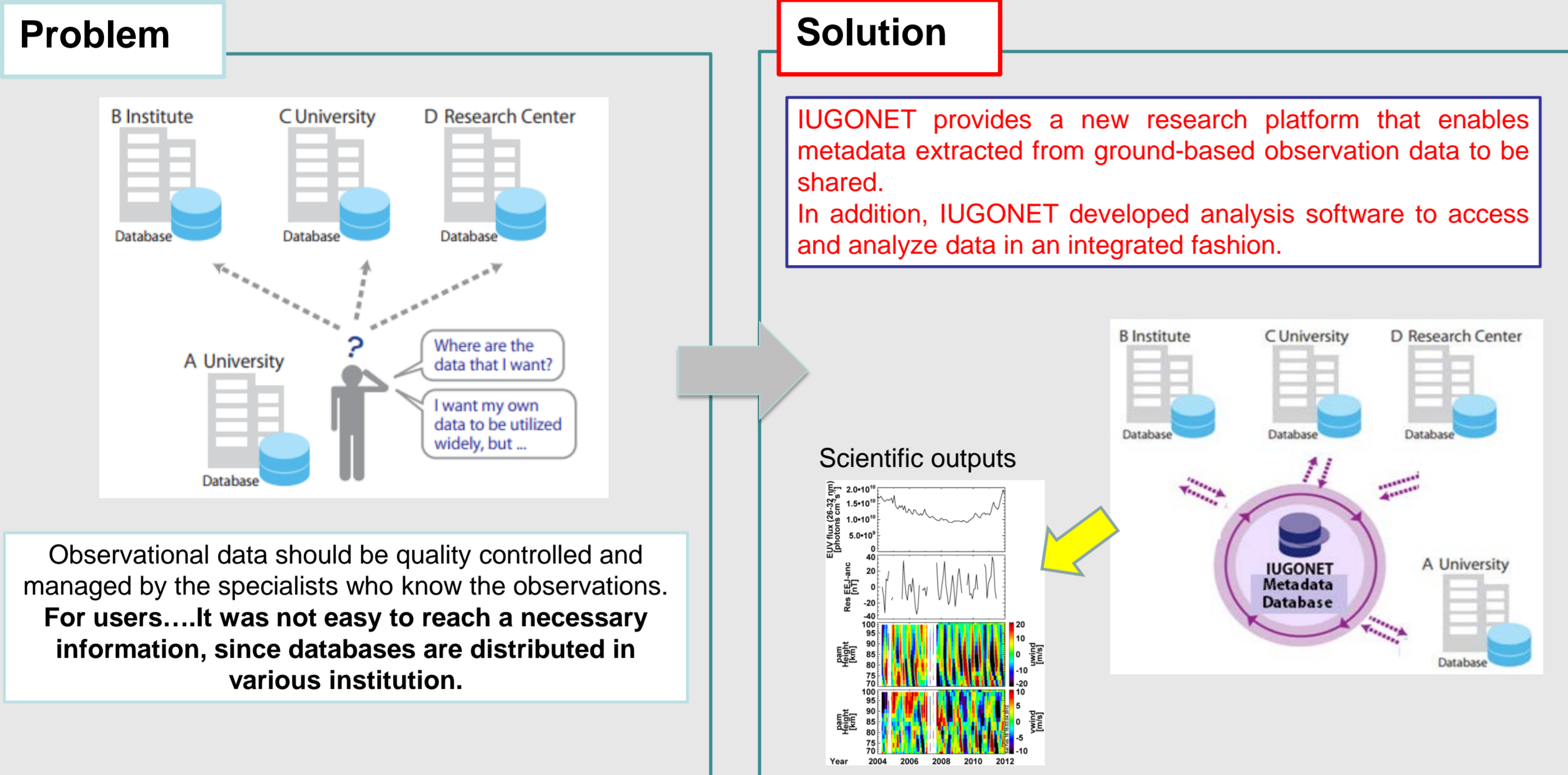
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 6: Planetary Plasma and Atmospheric Research Center, Graduate School of Science, Tohoku University,
 7: Data Analysis Center for Geomagnetism and Space Magnetism, Graduate School of Science, Kyoto University

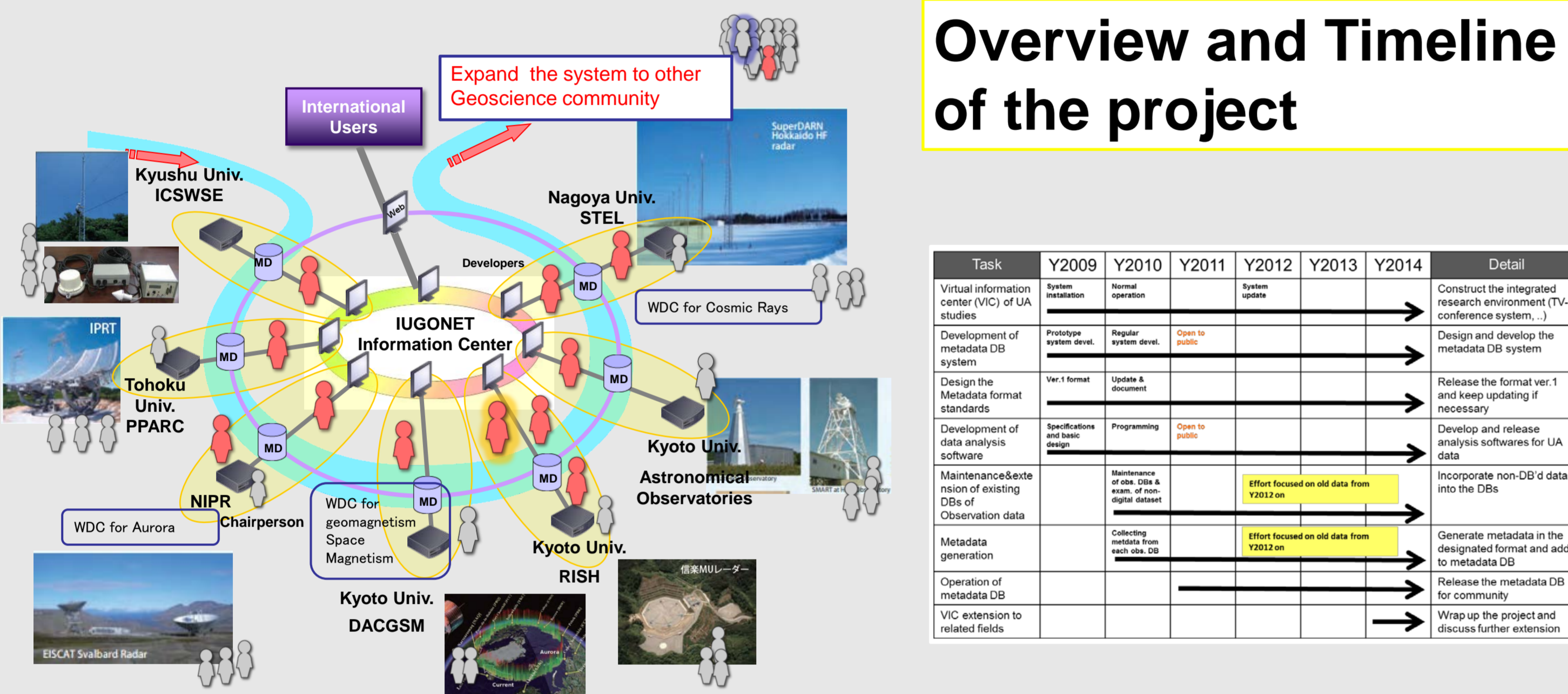


1. Introduction

Objectives of the IUGONET



Overview and Timeline of the project



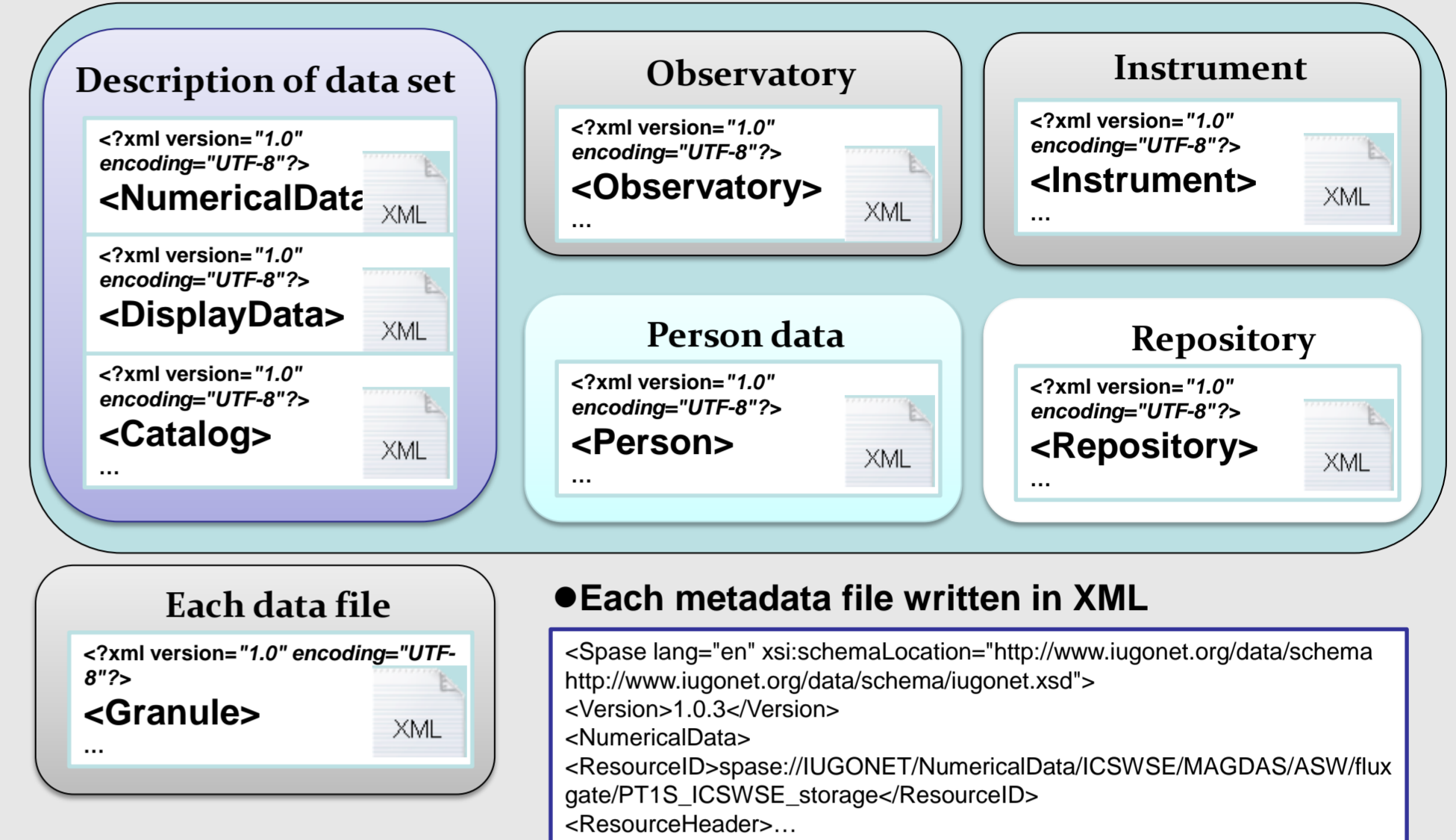
2. Metadata Database

Metadata design

Based on SPASE
<http://www.spase-group.org/>

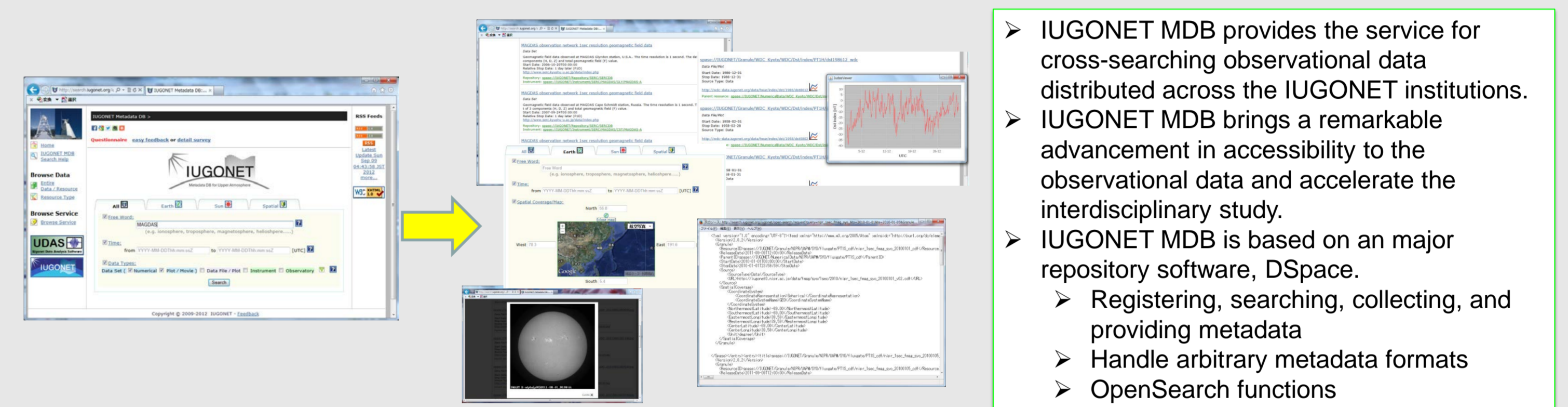
Modifications for IUGONET

- additional words to represent non-digital archives
- additional words to represent heliospheric coordinates
- new metadata elements to describe observation location & range

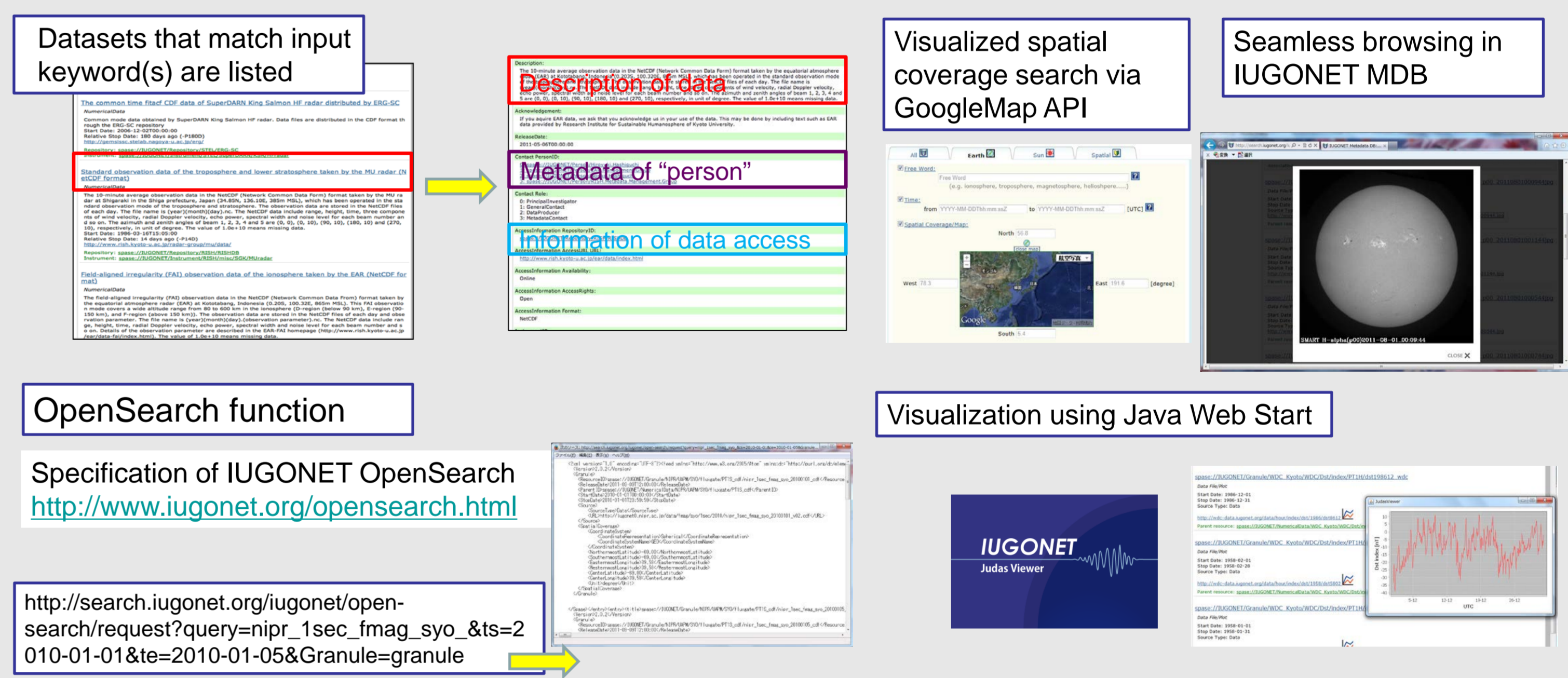


IUGONET metadata database

Access <http://search.iugonet.org/iugonet/>



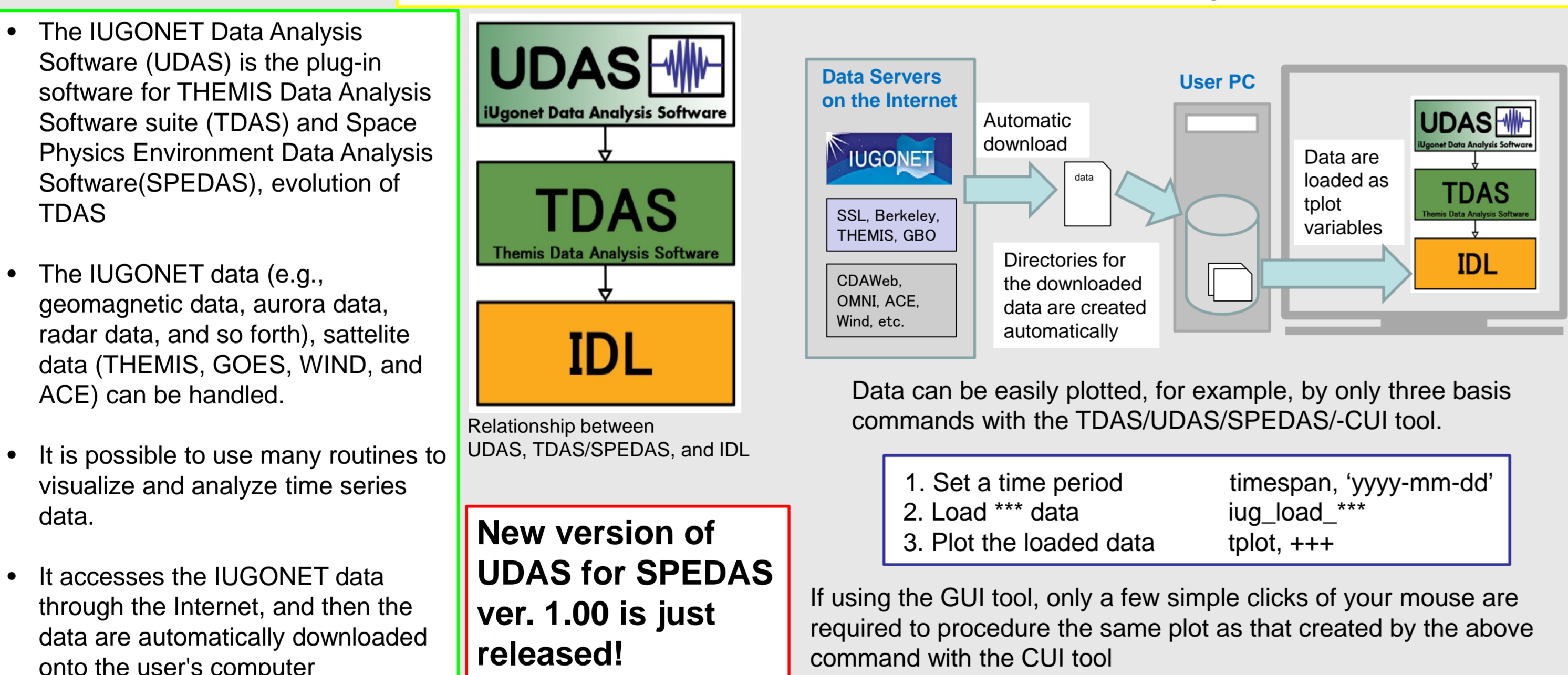
Features of the IUGONET metadata database



3. Analysis Software

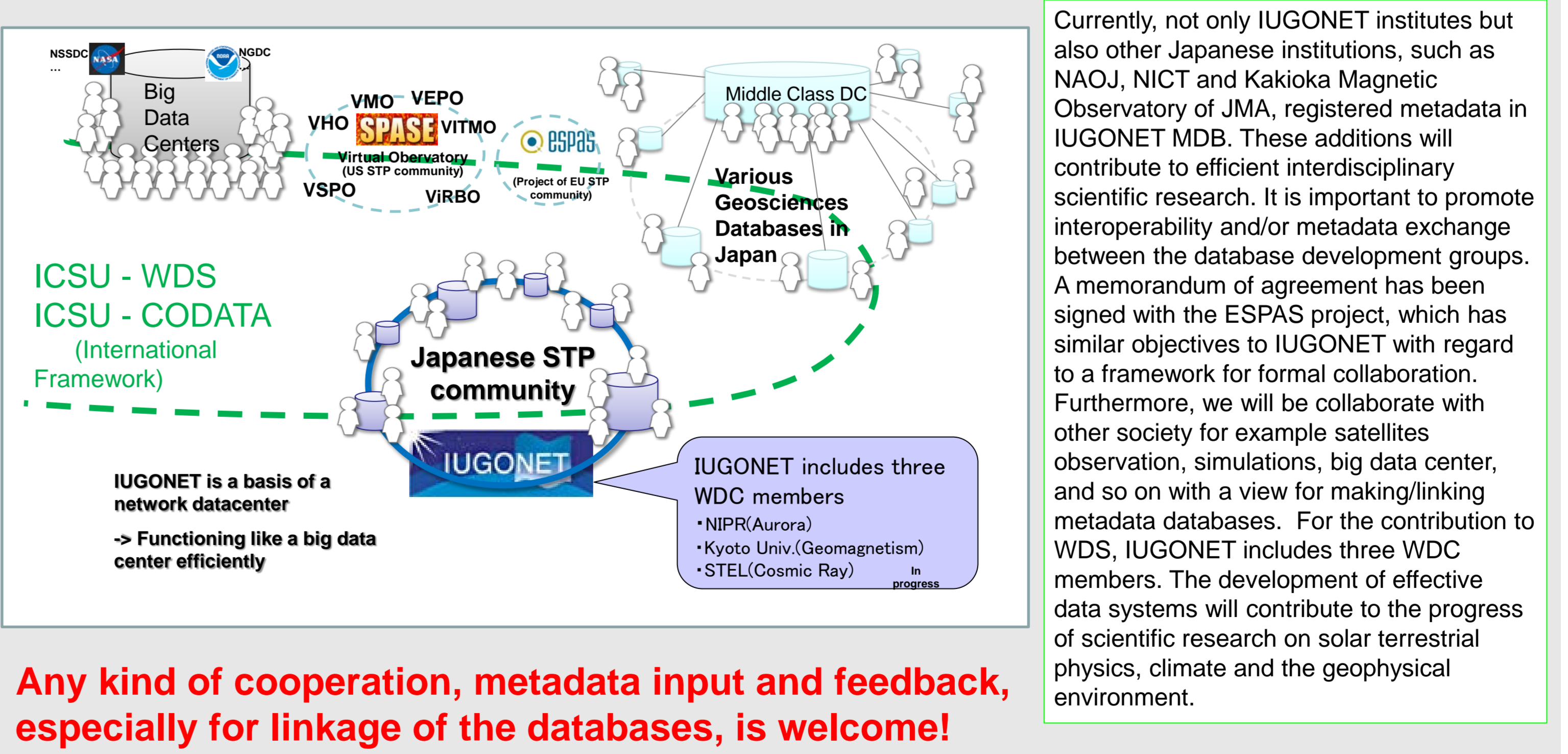
Access <http://www.iugonet.org/software.html>

Features of the IUGONET analysis software



Paper for IUGONET system is published:
 "Progress of the IUGONET system - metadata database for upper atmosphere ground-based observation data"
 Abe S, Umemura N, Koyama Y, Tanaka Y, Yagi M, Yatagai A, Shinbori A, UeNo S. Y. Sato, N. Kaneda, Earth, Planets and Space 2014, 66:133, doi:10.1186/1880-5981-66-133

4. Future Plan



5. Information

Landing page IUGONET website <http://www.iugonet.org/>

Mailing list

Twitter and Facebook

Publications Publication list <http://www.iugonet.org/publist.html>

Software repository Github <https://github.com/iugonet>

Help movies IUGONET channel in YouTube <http://www.iugonet.org/software.html>

The IUGONET Users Mailing List provides you with all the latest IUGONET-related information about new releases of UDAS and IUGONET Metadata Database, IUGONET workshops, and so on. Let's subscribe! <http://www.iugonet.org/maillinglist.html>

