

## Access to TerraSAR-X Data in Support of the International Polar Year

DLR's high resolution data portfolio for the IPY comprises products from Germany's TerraSAR-X radar mission. Data access follows the rules of the TerraSAR-X data policy. Scientific and commercial utilization equally share spacecraft resources. DLR is responsible for the scientific use while the Astrium GmbH has the exclusive commercial exploitation rights. The TerraSAR-X *Science Service System* (<http://sss.terrasar-x.dlr.de/>) is the interface portal for scientific users (fig. 1).

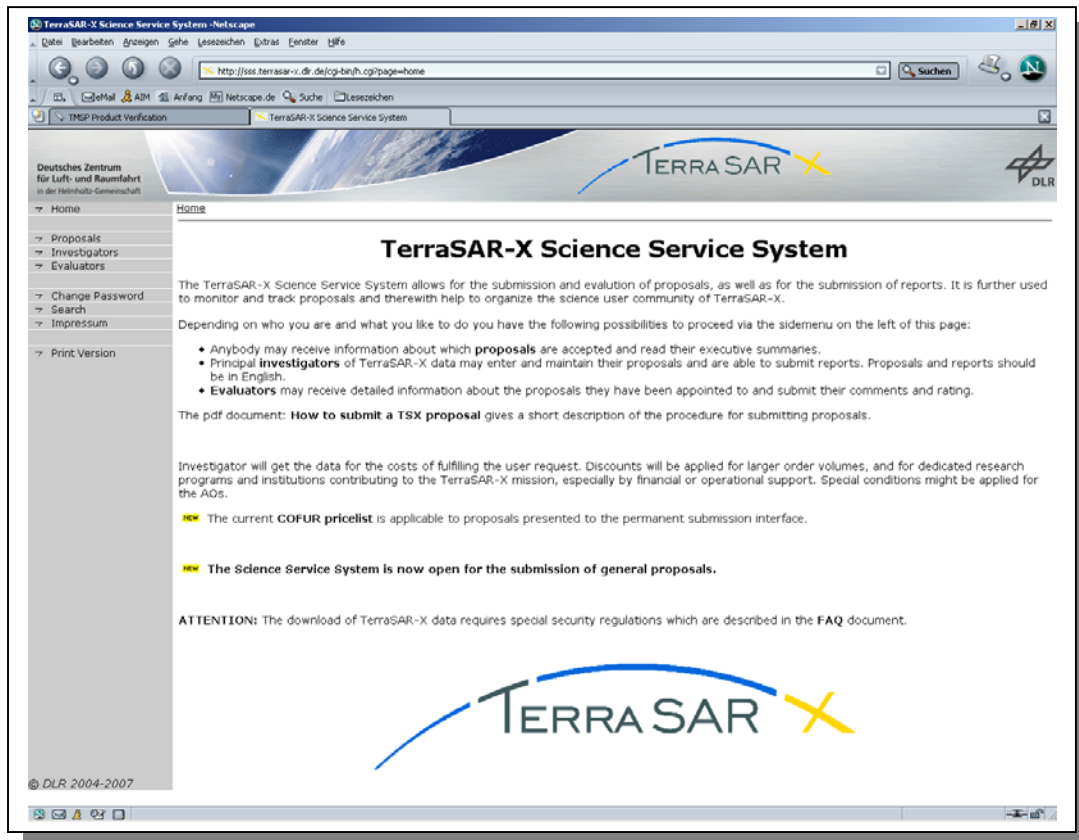


Fig. 1: Entry point of TerraSAR-X science users – the Science Service System

The status *Scientific Use* needs to be gained via a selection process. Every utilization of TerraSAR-X data and products that is not targeting a commercial profit oriented use is a *Scientific Use*. National and international education and research institutions, but also companies involved in research and development projects are invited to submit proposals. All proposals pass an evaluation procedure and accepted those being accepted receive the *Scientific Use* status. This is equivalent to getting access to a specific quota of TerraSAR-X data and products.

The first chance applying for data was the pre-launch Announcement of Opportunity (AO) released in May 2005. The executive summary of the individual proposals are provided in the *Proposals* branch of the *Science Service System*. The general proposal submission – active since October 2007 – allows the formulation of research ideas at any time. It is not restricted to specific themes. The corresponding data will be provided for the costs of fulfilling the user request (COFUR pricelist). Proposals shall be submitted electronically via the *Science Service System*.

TerraSAR-X products can be ordered via DLR's Next Generation EOWEB (EOWEB-NG). Note that only registered users have access to the TerraSAR-X products.

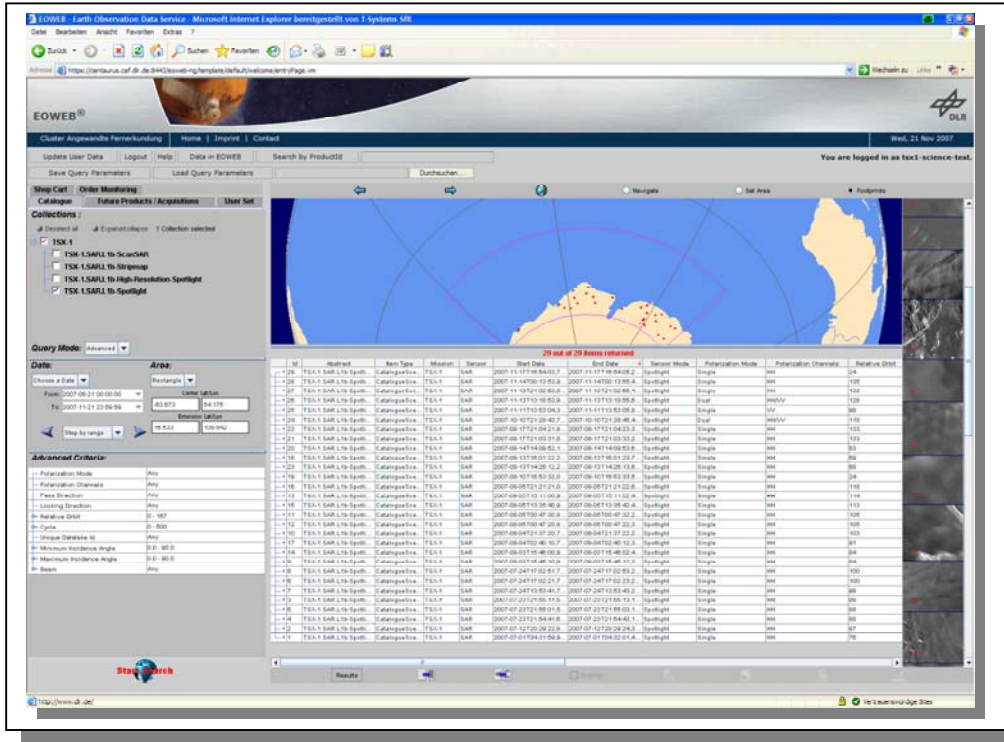


Fig. 2: EOWEB-NG example 1 – browsing TerraSAR-X spotlight products

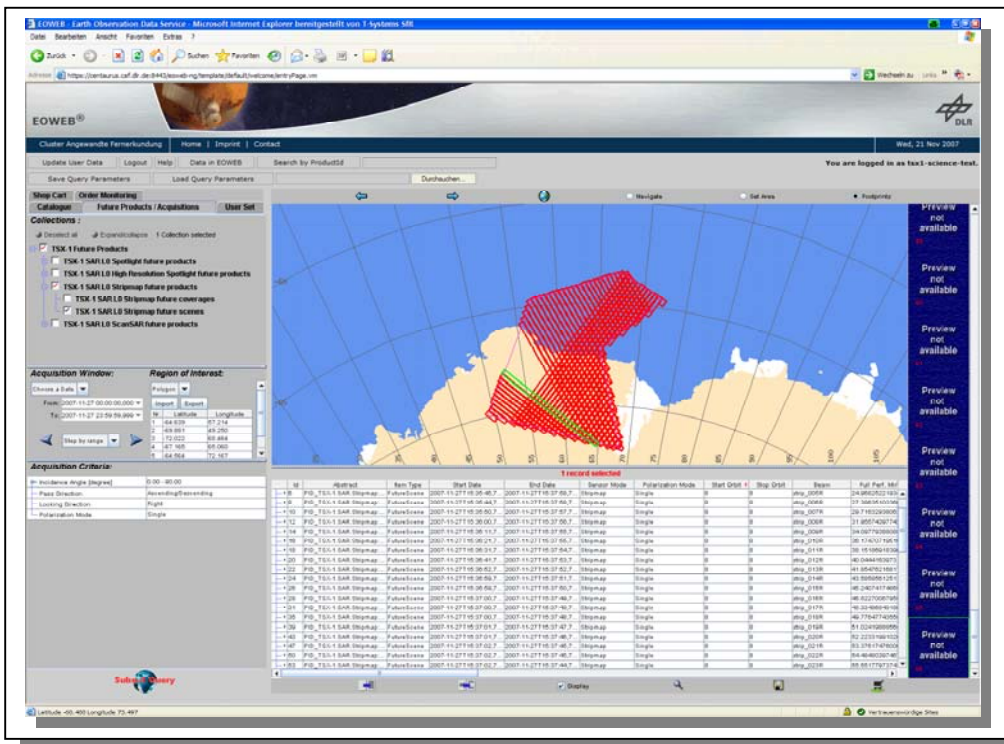


Fig. 3: EOWEB-NG example 2 – browsing TerraSAR-X stripmap future products