



Extrait du OIEau

<http://www.oieau.fr/contenu/agenda-des-evenements/article/surface-water-storage-and-runoff>

Surface Water Storage and Runoff : Modeling, In-Situ data and Remote Sensing

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Date de mise en ligne : mardi 15 septembre 2015

Description :

Third Space for Hydrology Workshop

OIEau

Third Space for Hydrology Workshop

The European Space Agency, in the context of the Scientific Exploitation of Operational Missions (SEOM) programme element, and CNES is organising a sequel event to Hydrospace2007 held at WMO, called 3rd Space for Hydrology Workshop - "Surface Water Storage and Runoff : Modeling, In-Situ data and Remote Sensing"

The main objectives of the workshop are to prepare for the exploitation of the next generation of altimeters, to bring together hydrologists, model developers and in-situ data analysts, and space scientists in order to tackle the future challenges in the hydrology of surface water storage and runoff. Round table discussions are planned to address key questions such as :

- What are the key science questions ahead ?

- What are the challenges and how to address them ?

- What aspects of surface water observation and modelling are sufficiently mature for use in operational services ? From Research and Development to Operational Use of remote sensing information in hydrological applications and water resources Management… how do we go from here ?

- How to strengthen the collaboration between the three communities : in-situ, modelling and space observation scientists ?

Themes

1. Space techniques to measure hydrological surface variables
2. Monitoring Spatio-temporal changes of surface waters from space
3. Modelling and Assimilation
4. Requirements from the Inland Water Hydrology Community

The deadline for abstract submission is until 15 May 2015