



International
Office
for Water



United Nations
Educational, Scientific and
Cultural Organization
UNECE



The 7th World Water Forum

12-17 April 2015, Daegu-Gyeongbuk, KOREA

Thematic Process Session

**Session T 4.3.4 - Building trust : Facilitating data and
Information exchange between the riparian countries in
transboundary basins**

Thursday 16 April, 14h40-16h40 - Daegu EXCO, room DEC_304

Round table 1: Developing Innovative monitoring Introduction

Mr. Paul HAENER

International office for Water

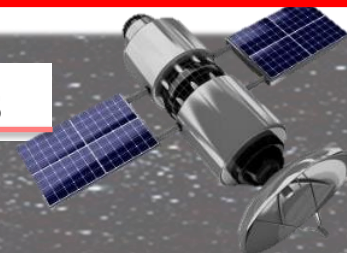




Developing Innovative Monitoring



Satellites



UAV or drone



MicroLight or ULM

Plane



Radar



Crowdsourcing



Traditional Monitoring

- Lack of data with decrease of the number of traditional monitoring stations in most of the countries
- Issue of comparability of data produced by various actors



Presentation of speakers

- **Stéphanie LEYRONAS, AFD**
 - French Development Agency
- **Selma CHERCHALI, CNES - France**
- **David L. TOLL, NASA – USA**
- **Bakyt MAKHMUTOV, SDC – Central Asia**
 - Swiss Development Cooperation



Some questions to the speakers

- What are the difficulties for the production of homogeneous and accessible data related to large transboundary basins and why is the development of regional and innovative monitoring solutions important?
- How can Earth Science Observations help to produce useful data and information for improved transboundary /global water resources management?
- What are the perspectives of developing Earth Science Observations for improving transboundary water resource management?
- How crowd sourcing could also contribute to the production of useful information for national and transboundary water resource management?