BoF Title: Improve sharing of water resource data globally

BoF summary:

At various scales:

* Continental (EU Inspire directive, EU Water directives, Australian GeoFabric, USA NHD, Canada NHN ...),
* International : OGC,

numerous initiatives aim at exchanging environmental information seamlessly.

Regarding standards in the water domain, several activities have been fostered under the OGC Hydrology Domain Working Group (HydroDWG) umbrella to exchange water information globally: WaterML2 suite, GroundWaterML2, HY\_Feature standards and several Interoperability Experiments. The HydroDWG is a joint group between OGC and WMO. As a result, more complementary standards to exchange water information globally are being available.

If significant water resources data information are now available for discovery and access (ex: in GEOSS via AIPs Water), it is however clear that many other significant water resources information are still not visible or not shared.

Work remains to be done to get proper access to this important information in a climate change context.

Issues leading to this situation are not yet clearly identified: technical, organisational, incentive....

As an immediate follow-up of the OGC Nottingham TC the previous week (14-18/09) and OGC HydroDWG workshop in Orléans-France the same week (20-23/09), this BoF is built on the opportunity having experts from various initiatives and profiles gathered together in Europe.

It aims at widening the audience to ensure all the blocking factors to global water resource data exchange are properly delineated and addressed.

This BoF is also aligned with the higher level discussions of a stronger collaboration between OGC and RDA.

BoF agenda:

1°/ status presentation and analysis

2°/ action plan from HydroDWG perpective

3°/ discussion

BoF suggested date:

The HydroDWG workshop in Orléans will end on the 23rd. 24th would be ideal for travel convenience of people being in Europe since the previous week (OGC TC in Nottingham).