Workshop 1: "Dealing with groundwater abstractions and artificial recharge in saline environments"
WP6 – Governance Workshop, Friday, 22nd March 2019, 9.30- 11.30

This approach has been set up by the Transnational Governance TOPSOIL Team for good transnational exchange and learning on governance issues.

Objective: This workshop aims to provide the floor for consultation and discussion on:
Since summer 2018, in some areas less precipitation occurred, leading to increasing pressure in particular on groundwater bodies which are at risk to saline intrusion. In this workshop, abstraction without causing saline intrusion (saline intrusion is the replacement of fresh groundwater by water that has a high salt content) and also the adaption of legislation to artificial recharge on a small scale (farm level) are presented and discussed as major challenges.

9.30	**Welcome & Scope of Workshop**
9.35	**The VVM case: Dealing with groundwater abstractions and artificial recharge in saline environments – how to respond to the increasing needs?** Dieter Vandevelde, VMM
9.50	**Responses (max 10 min each) from…** **Germany:** Nico Deus (LBEG), Katharina Seiter (GDFB), Wolfgang Scheer (LLUR) **The Netherlands**: Jan den Besten and Arne Roelevink, Hunze en Aas **United Kingdom**: Barry Bendall, The Rivers Trust, **Denmark:** Jes Pedersen, CDR
10.30	**Discussion**: • *When is saline intrusion considered to be a problem? Is a temporary displacement of the fresh-salt water interface allowed (horizontally/vertically)? How can we deal with it?* • *What is legally necessary for a small scale artificial recharge projects?* • *What are the conditions to grant a permit for the aforementioned groundwater activities?* • *What are the different enforcement strategies when someone causes saline intrusion?* •
11.00	**Summary:** What have been your major lessons learnt on governance related to solving the challenge of abstraction without saline intrusion or small artificial recharge by farmers?
11.30	**Closing**

Moderation: Ilke Borowski-Maaser, Interessen Im Fluss