

# Groundwater recharge process and geological/soil mantle structures

# Tadashi Tanaka[1]

[1] GS, Life & Environ. Sci., Univ. Tsukuba

Geological/soil mantle structures are the main factor to control processes of groundwater recharge or rainfall-runoff phenomena in a natural catchment. In the presentation, knowledges concerning groundwater recharge and rainfall-runoff processes obtained from Japanese studies will be summarized and the importance of the information on the geological/soil mantle structures to clarify the mechanism of water cycle in a catchment will be pointed out.