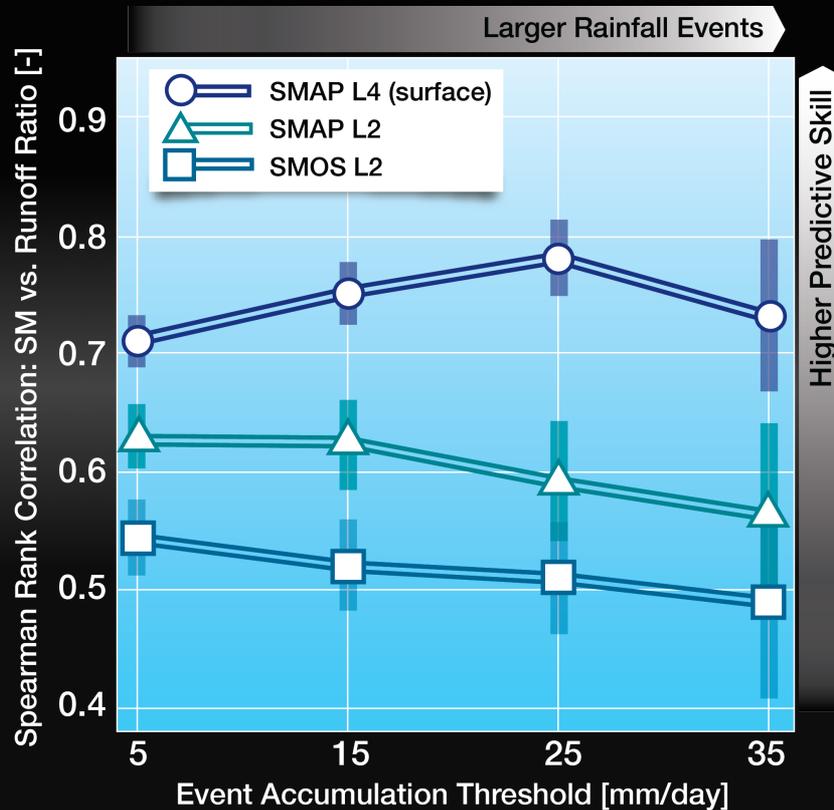# SMAP Soil Moisture Skillful in Determining Subsequent Streamflow

Soil moisture estimates from the NASA Soil Moisture Active Passive (SMAP) mission can help predict streamflow response to future precipitation.

SMAP L4 soil moisture estimates prove to be most skillful (circles) because they rely on the assimilation of SMAP observations into a land surface model, followed by SMAP L2 (triangles) and SMOS L2 (squares) soil moisture estimates derived without data assimilation.