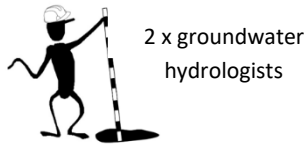
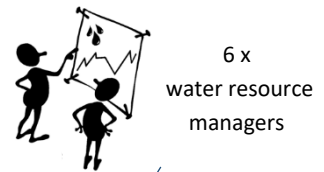


3 x
forecasters



2 x groundwater
hydrologists



6 x
water resource
managers

Objective:

Discuss in teams and individually make informed decisions for each of the 10 western Thames catchments based on three sets of SHF (Stages 1 – 3)

- *Stick individual colour-coded decisions (dots) on map (see Table 2)*
- *Record individual thought-process on empathy chart (see Fig. 4)*

Background context – setting the scene:

1) Catchment maps

- Elevation, slope, flood risk, land-use, hydrogeology

Identify the different catchment characteristics and the associated risks and opportunities

2) Current hydrological situation

- Hydrological summary (NRFA, 2013)
 - Past month, season and year
- Rainfall, river flows, groundwater levels and reservoir stocks

Gain an understanding of the current hydrological situation to help put the upcoming SHF and decision-making into context

STAGE 1

Hydrological outlook UK (CEH, 2013).

Operational regional SHF information with reference to normal conditions.

Three months precipitation, temperature, streamflow and groundwater level forecasts (maps, charts, text)

STAGE 2

EFAS-seasonal (Arnal et al., 2018)

Operational SHF from the European flood awareness system.

Four months streamflow and groundwater level forecasts (hydrographs, maps)

STAGE 3

‘Improved’ EFAS-seasonal
(Neumann et al., 2018)
Non-operational SHF from the European flood awareness system.

Four months streamflow and groundwater level forecasts (hydrographs, maps)