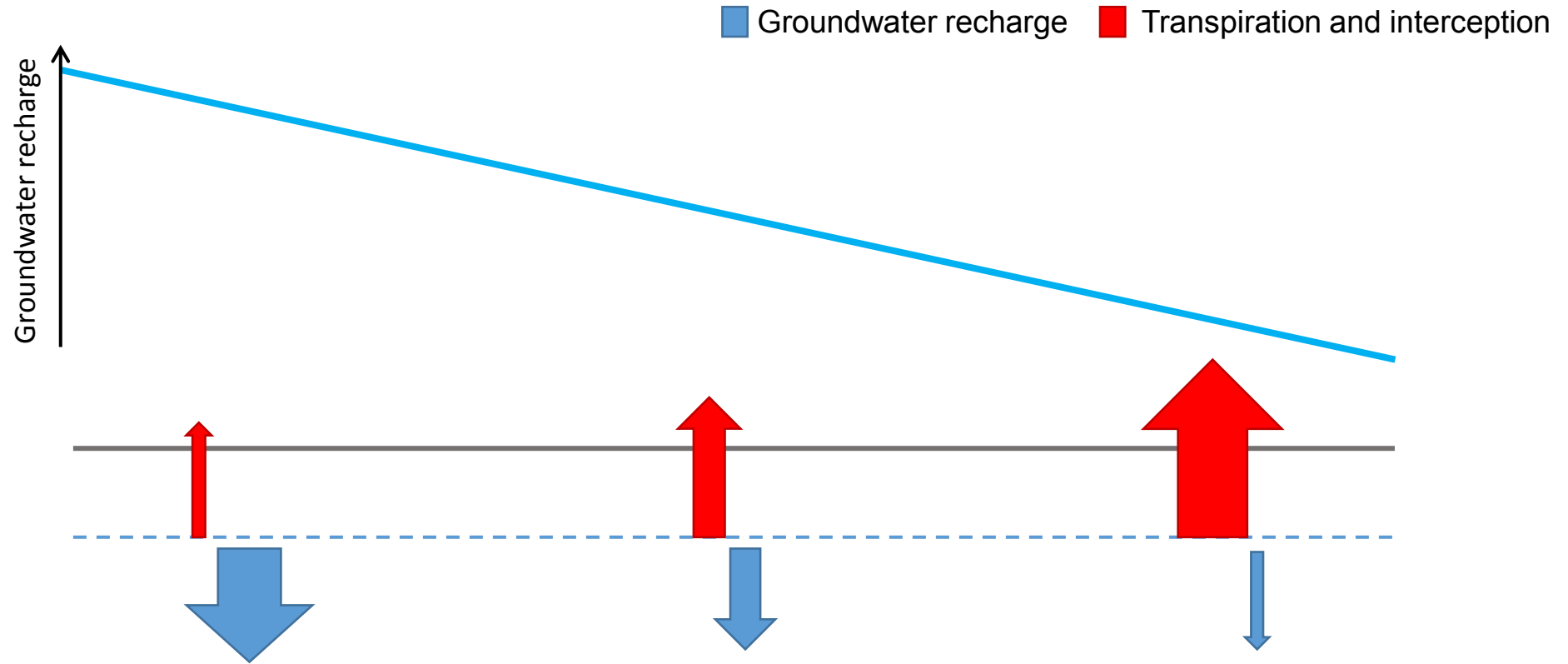




MORE TREES CAN
IMPROVE
GROUNDWATER
RECHARGE IN THE
SEASONALLY DRY
TROPICS

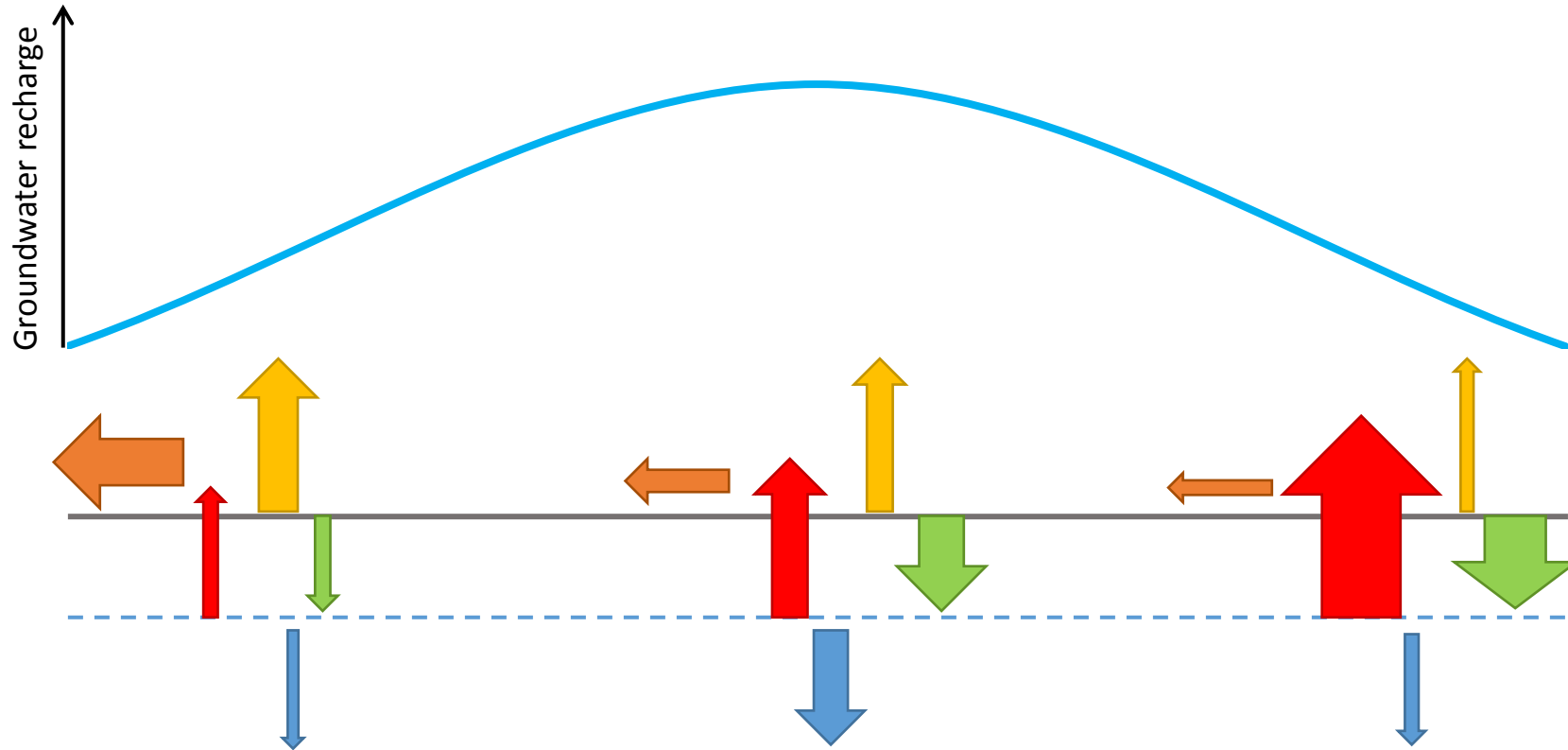
AIDA BARGUÉS TOBELLA
Global Landscapes Forum
Bonn, Dec. 2017

Dominant paradigm in forest hydrology: The trade-off theory



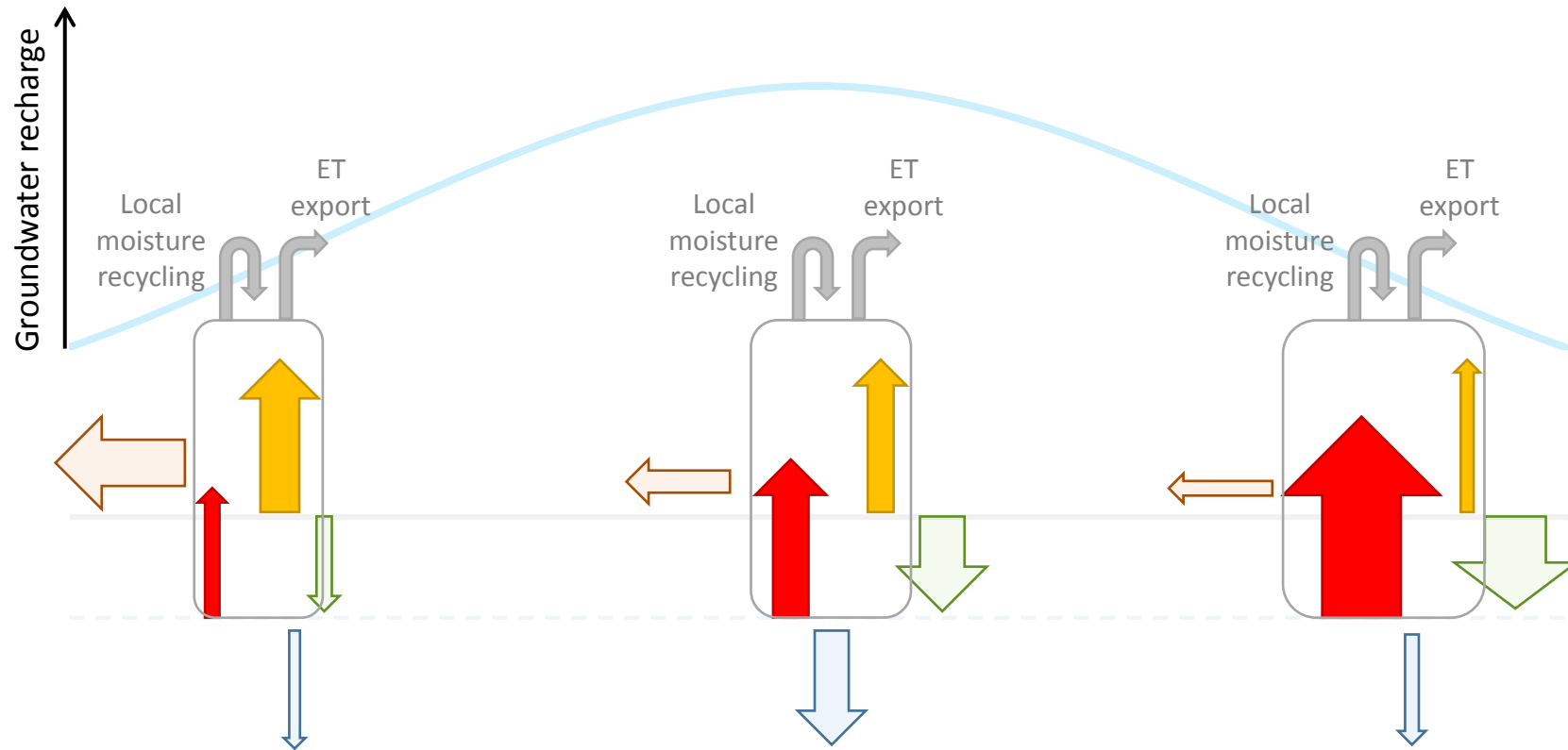
Revised paradigm: The optimum tree cover theory

■ Transpiration and interception ■ Surface runoff ■ Soil evaporation ■ Infiltrability ■ Groundwater recharge



Revised paradigm: The optimum tree cover theory

■ Transpiration and interception □ Surface runoff ■ Soil evaporation □ Infiltrability □ Groundwater recharge



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