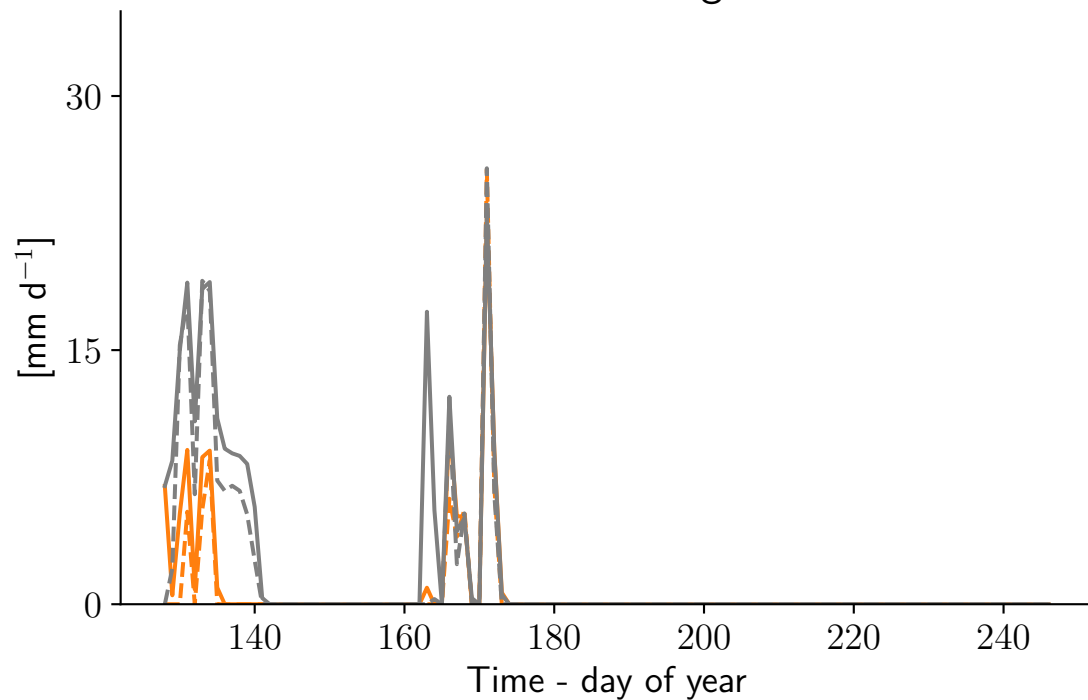
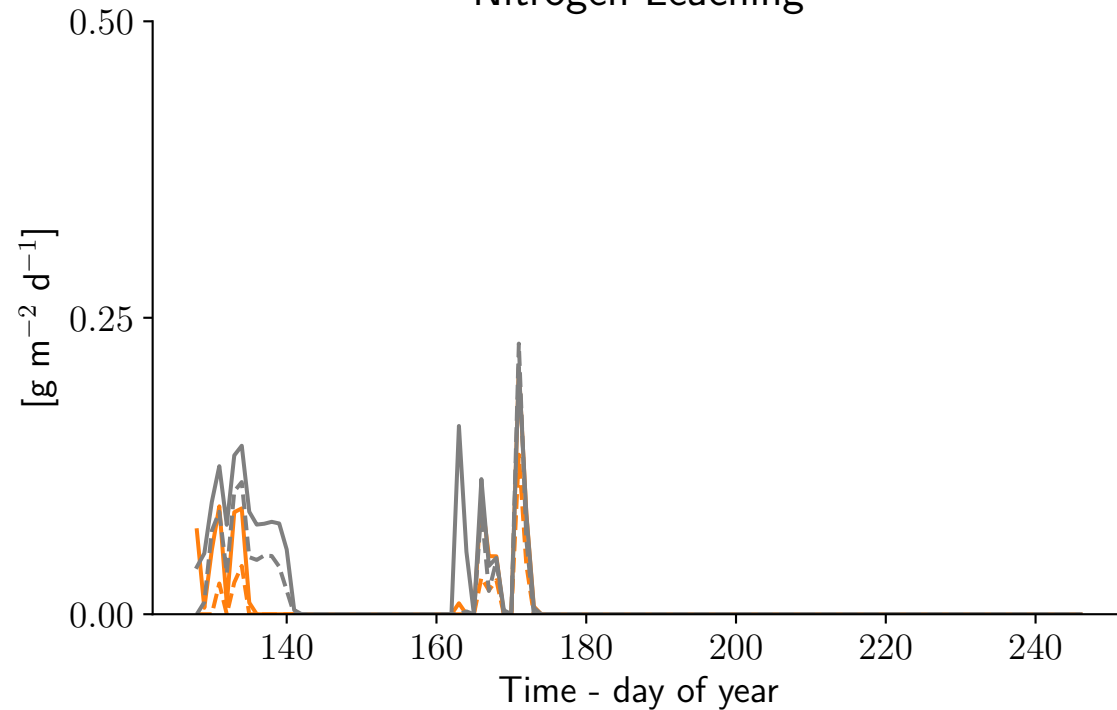


# Water Leakage



# Nitrogen Leaching



— Control model,  $\bar{F} = 80 \text{ kg ha}^{-1}$ ,  $F_{N0} = 80 \text{ kg ha}^{-1}$   
 - - - Simulation model,  $\bar{F} = 80 \text{ kg ha}^{-1}$ ,  $F_{N0} = 80 \text{ kg ha}^{-1}$

— Control model,  $\bar{F} = 160 \text{ kg ha}^{-1}$ ,  $F_{N0} = 0 \text{ kg ha}^{-1}$   
 - - - Simulation model,  $\bar{F} = 160 \text{ kg ha}^{-1}$ ,  $F_{N0} = 0 \text{ kg ha}^{-1}$