

# INTRODUCTION

Upscaled and context-tailored tools to improve water management practices

Maher Salman Land and Water Division (NSL), FAO Tunis, 12 December 2022

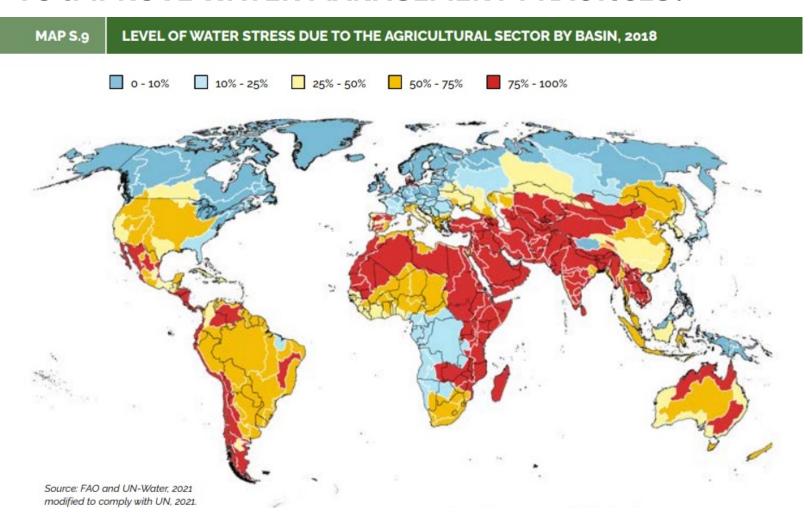
Regional gathering Tunis, 12 – 16 December 2022



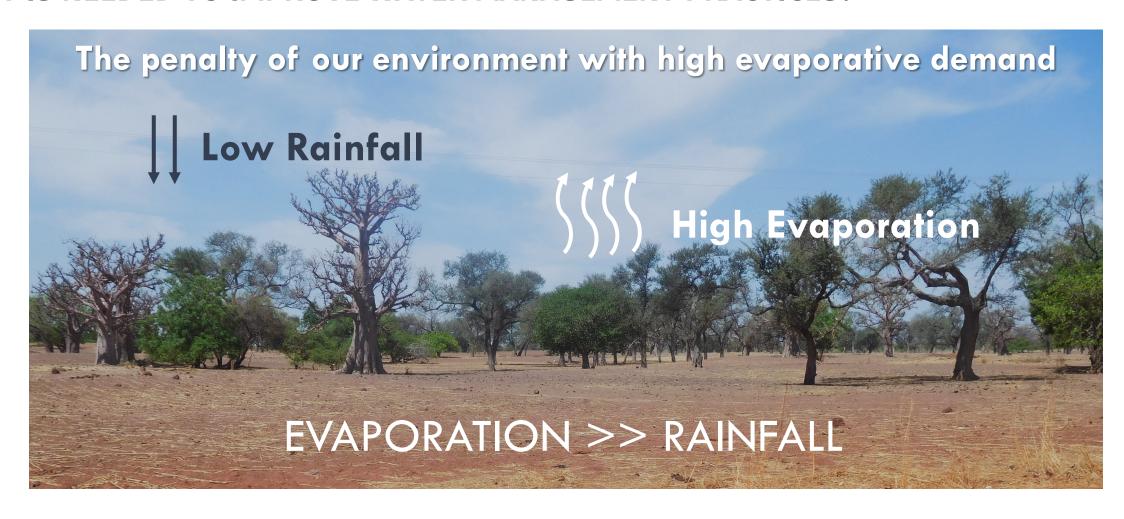




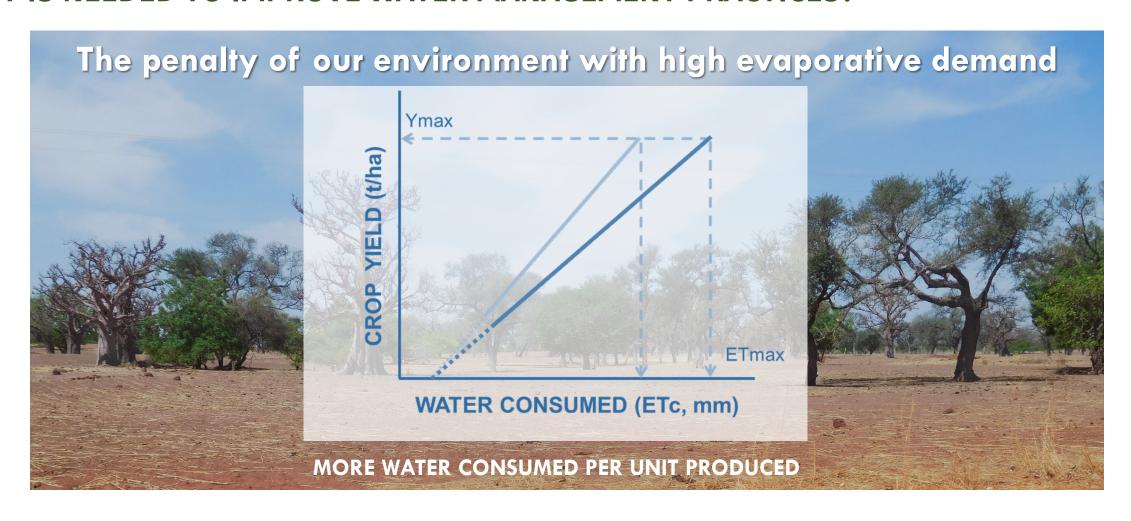








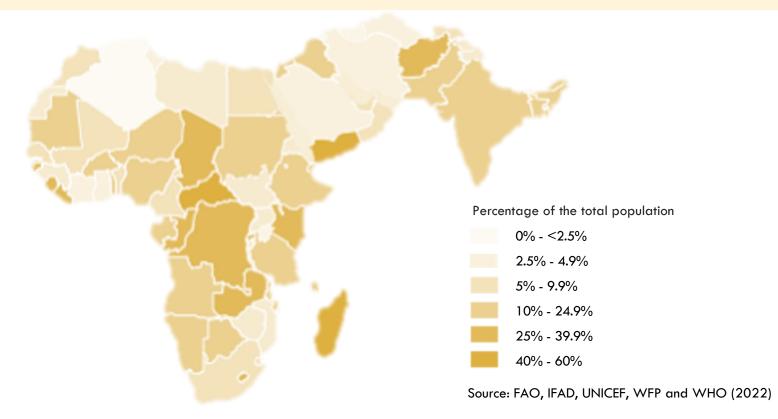




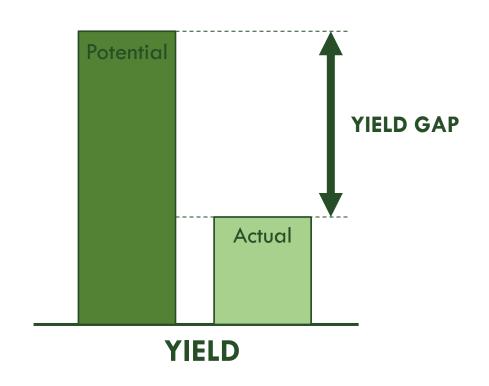


#### **FAO HUNGER MAP**

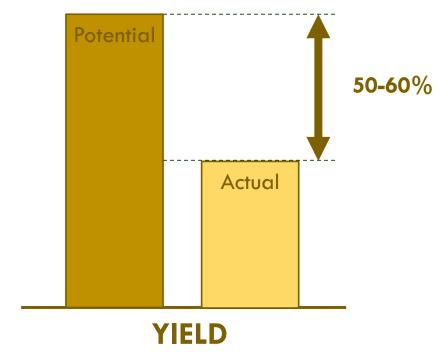
Prevalence of Undernourishment 2019-2021





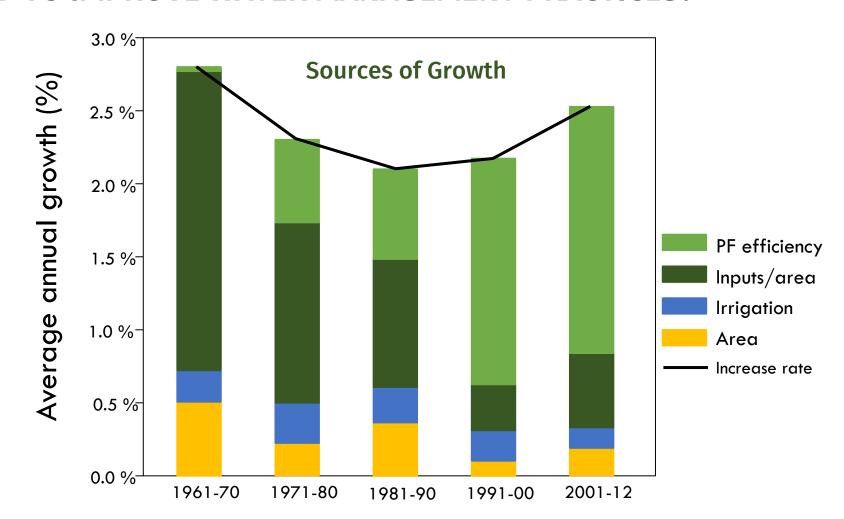


## Irrigated rice (Mali and Niger)



Source: Global Yield Gap Atlas (2022)





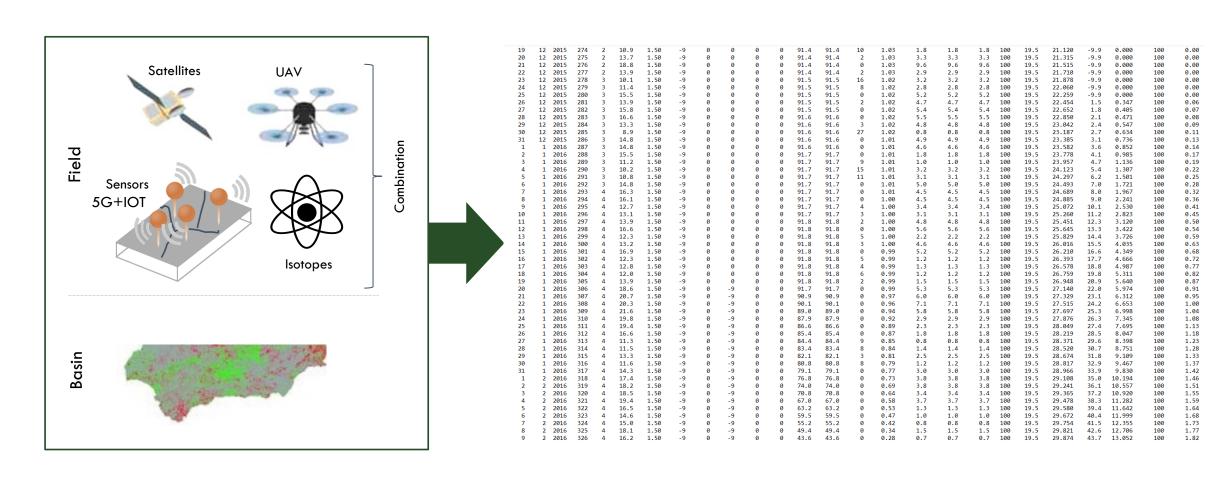
Fuglie (2015)



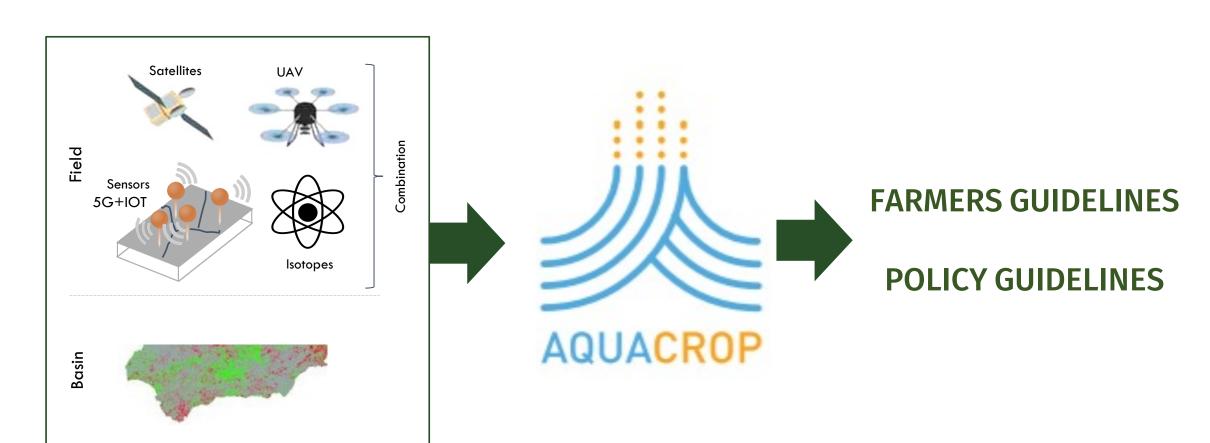
WATER PRODUCTIVITY =









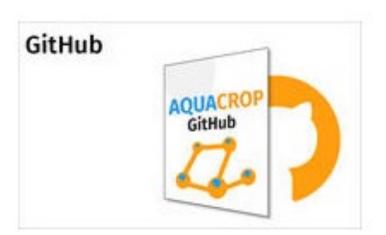




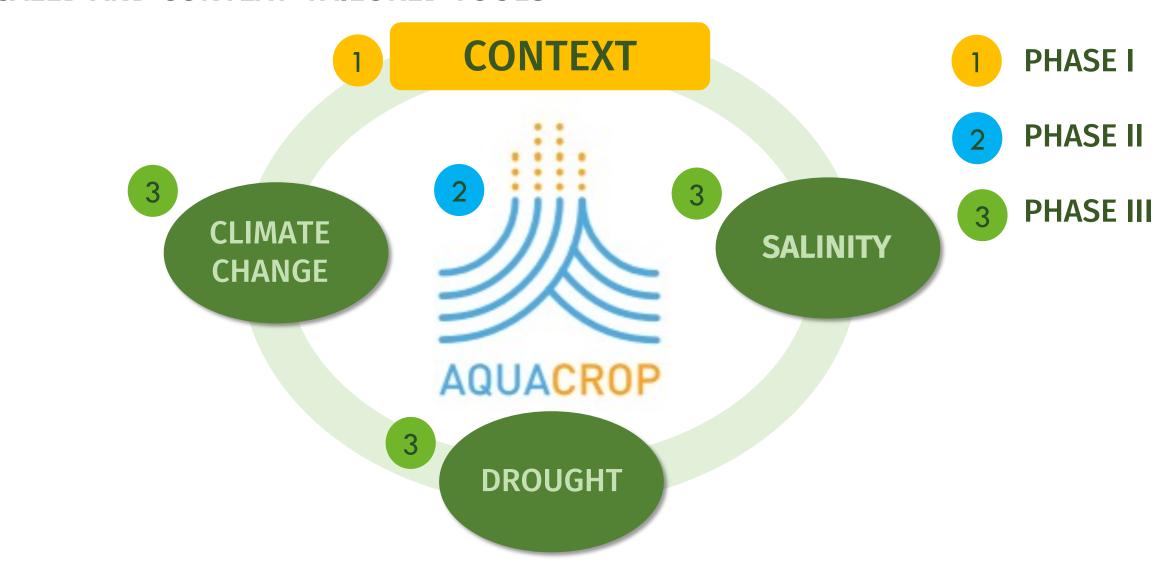
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## THEMATIC DAY ON WATER PRODUCTIVITY



#### THEMATIC DAY ON WATER PRODUCTIVITY

SESSION 1	AQUACROP ON THE GROUND	
SESSION 2	AQUACROP CALIBRATION AND VALIDATION	
SESSION 3	UPSCALING AQUACROP	
SESSION 4	MANAGEMENT UNDER SALINE CONDITIONS	
SESSION 5	MANAGEMENT UNDER FUTURE CLIMATE SCENARIO	S