

As a result of the climate change, farmers in West Africa are confronted with higher average rainfall per day with a decline in the number of rainy days.

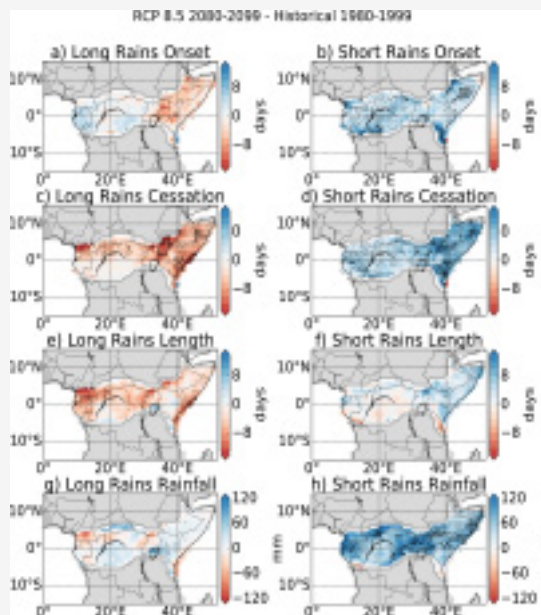
P.O.V STATEMENT

STAKEHOLDER

Consumer
Government
Farmer

INDUSTRY SECTOR

Agriculture



In the figure the median change for given aspects and simulation times. Blue colors indicate the onset/cessation getting later while red colors indicate onset/cessation getting earlier.

Dunning, C.M., Black, E. & Allan, R.P. (2018). Later Wet Seasons with More Intense Rainfall over Africa under Future Climate Change. *Journal of Climate*, 31(23), 9719-9738.

SIGNIFICANCE OF ISSUE

Hence, the total rainfall in West Africa regions will still stay the same over the wet season, but the shorter season, with higher average rainfall will have a significant impact for crop yields and surface water supplies. A shorter growing season means that crops do not reach full maturity. The population and especially farmers need better water gathering systems and bigger water reservoirs to store more water for the longer drought period.

SOURCES

Dunning, C.M., Black, E. & Allan, R.P. (2018). Later Wet Seasons with More Intense Rainfall over Africa under Future Climate Change. *Journal of Climate*, 31(23), 9719-9738.