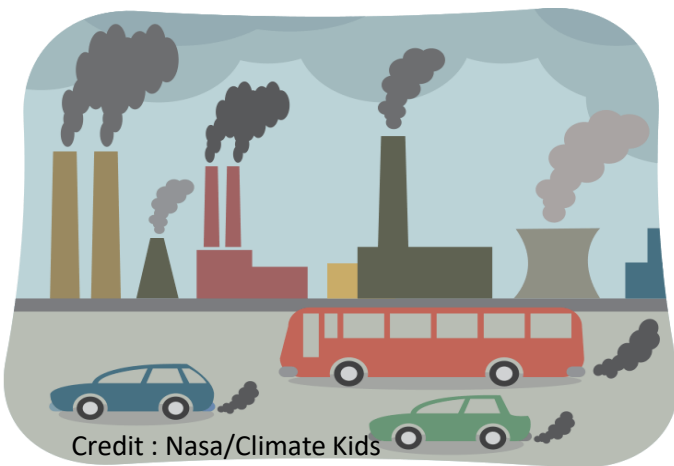


IMPACT OF COVID-19 LOCK-DOWN ON AEROSOL CHARACTERISTICS OVER URBAN AND RURAL ENVIRONMENTS IN PENINSULAR INDIA.



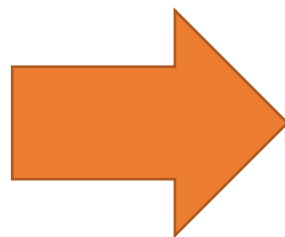
Credit : Nasa/Climate Kids

Urban

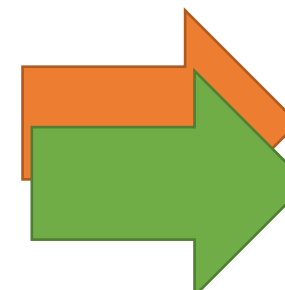
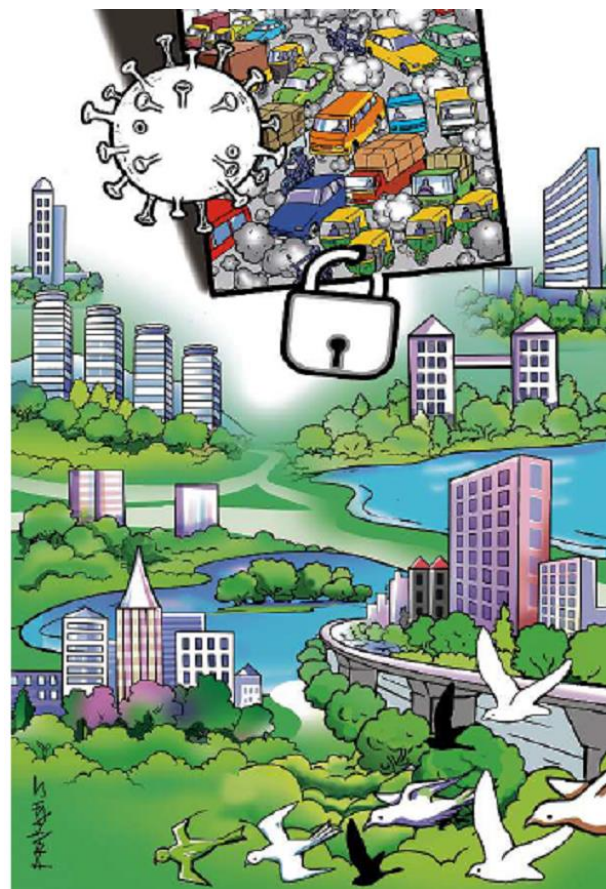
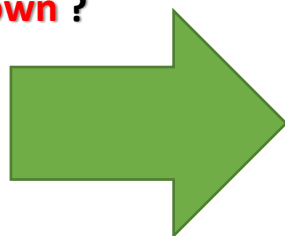


Credit : Adobe

Rural



Contribution of
Black Carbon
before **Lock
Down** ?

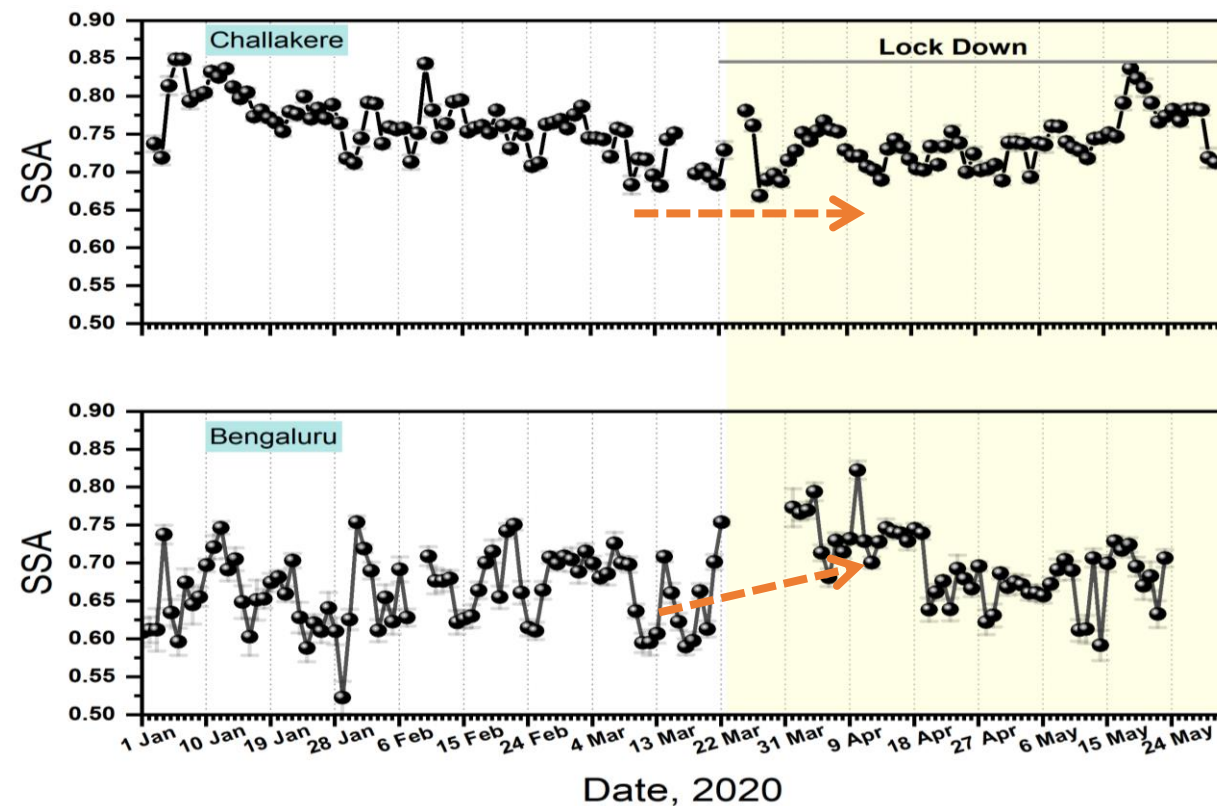
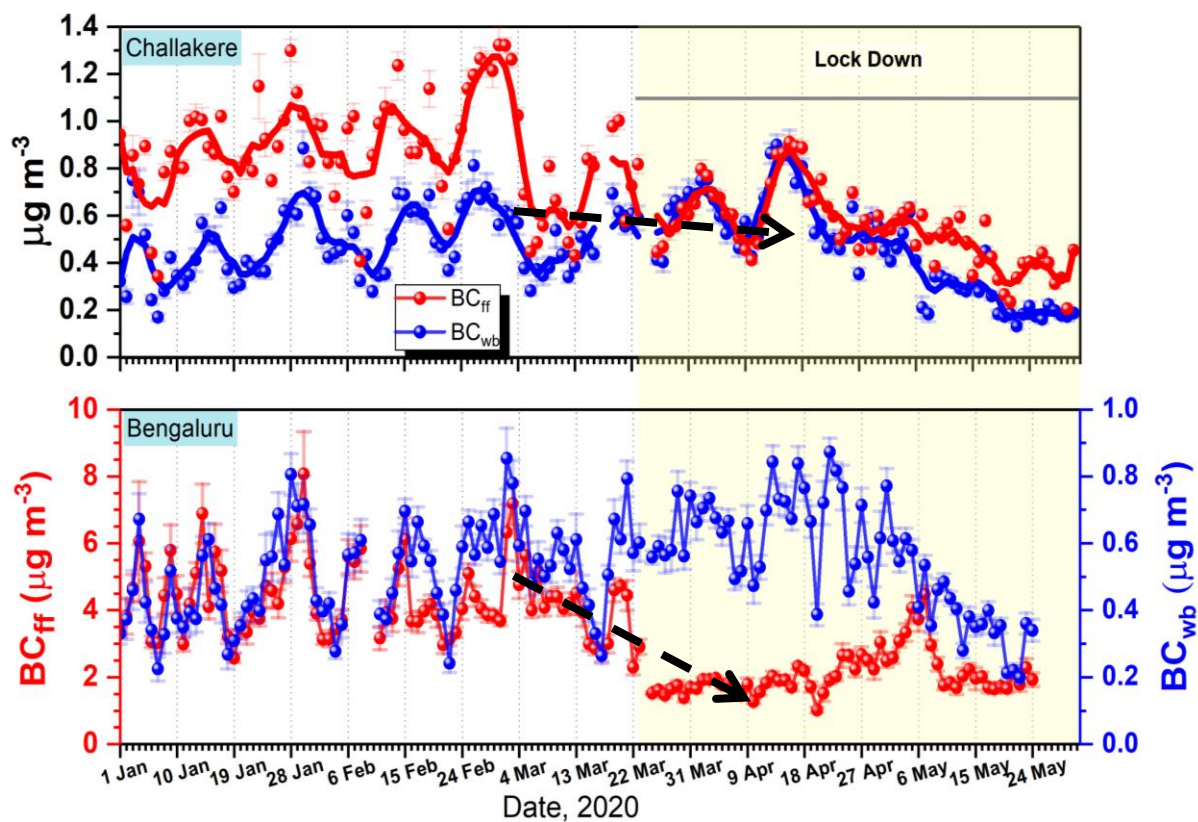


Contribution of
Black Carbon
during **Lock
Down** ?



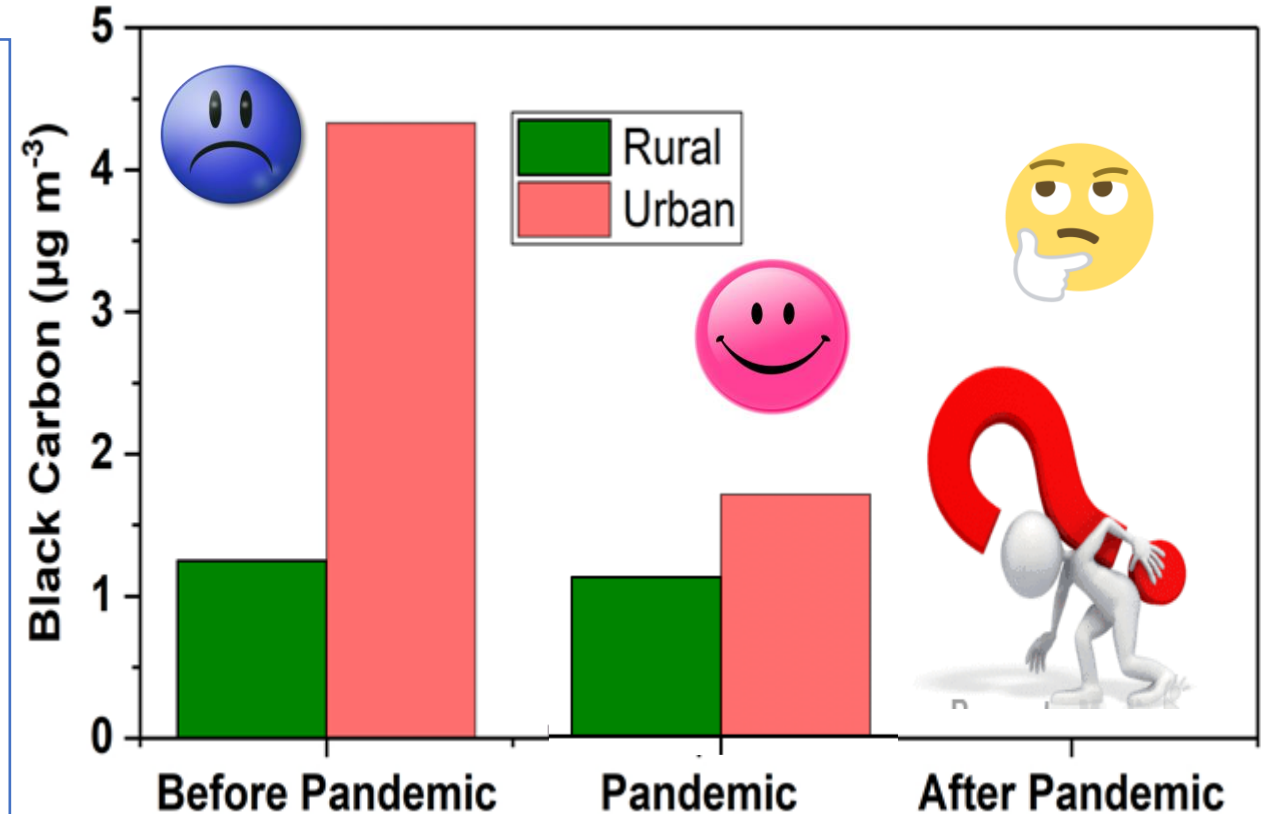
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SIGNIFICANT REDUCTION ~60% IN BLACK CARBON DUE TO FOSSIL FUELS IN URBAN REGION



RESULTS

- Before Lock Down black carbon from **Urban** region where **4 times** higher than the **Rural** region.
- During Lock Down black carbon from both the region where almost comparable.
- Single Scattering Albedo increased 20% in **Urban** as compared to **Rural** region



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