Correlation maps at district levels showing correlation at specific lag time (days) for 2018-2019

Pollutants	2018	2019
PM10		
PM2.5		
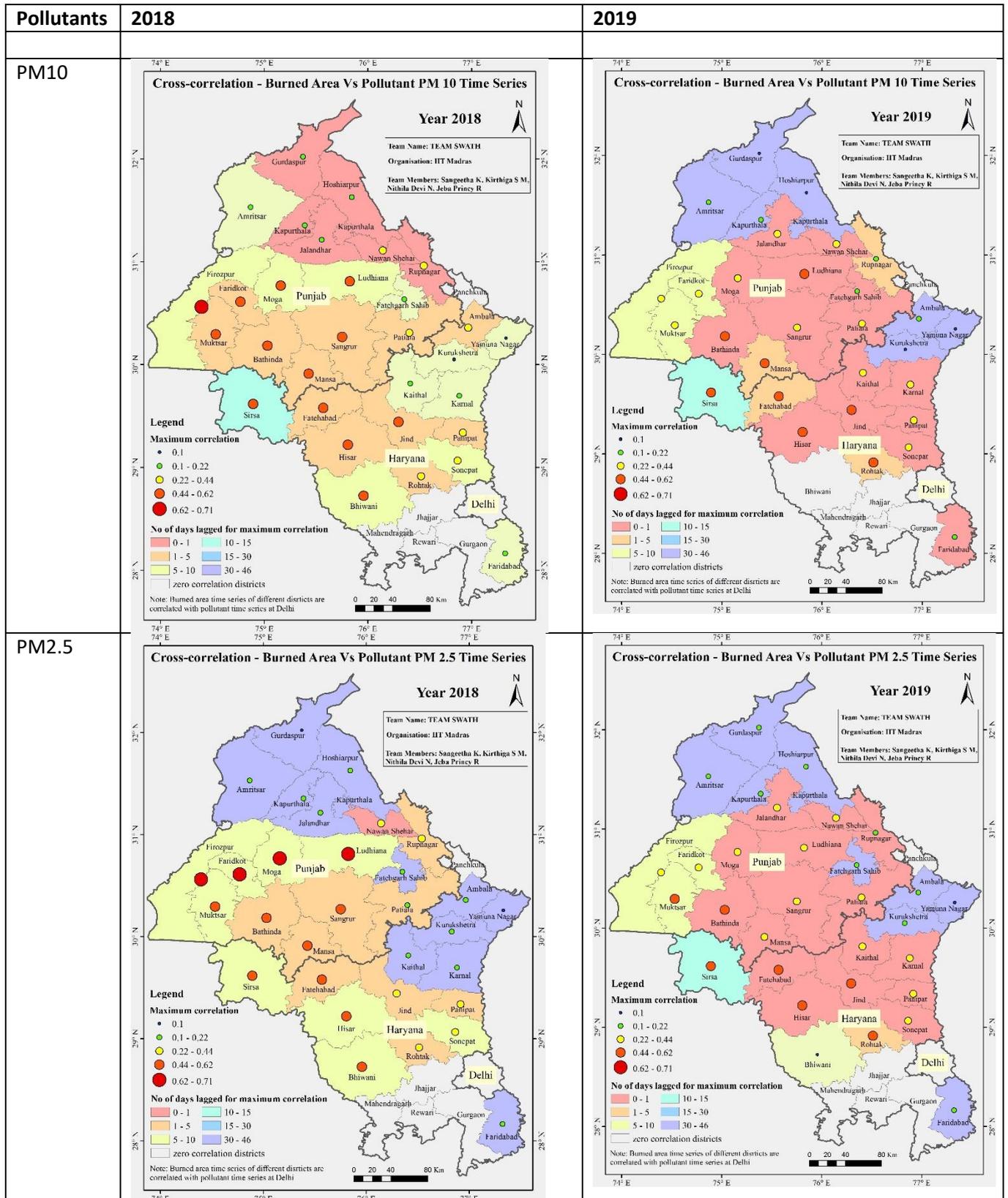
NOx

Cross-correlation - Burned Area Vs Pollutant NOx Time Series

Year 2018

Team Name: TEAM SWATH

Organisation: IIT Madras

Team Members: Sangeetha K, Kirthiga S M, Nithila Devi N, Jeba Princy R

Legend

Maximum correlation
- 0.1
- 0.1 - 0.22
- 0.22 - 0.44
- 0.44 - 0.62
- 0.62 - 0.71

No of days lagged for maximum correlation
- 0 - 1
- 10 - 15
- 1 - 5
- 15 - 30
- 5 - 10
- 30 - 46
- zero correlation districts

Note: Burned area time series of different disrticts are correlated with pollutant time series at Delhi
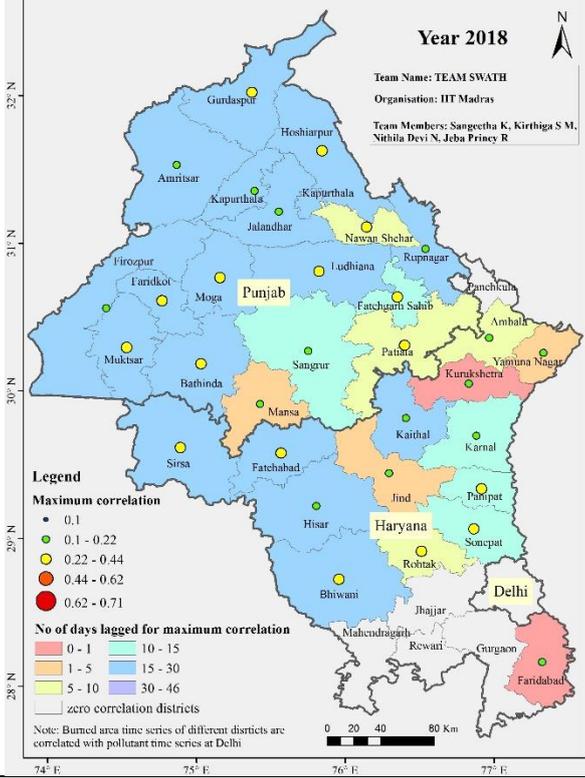
Cross-correlation - Burned Area Vs Pollutant NOx Time Series

Year 2019

Team Name: TEAM SWATH

Organisation: IIT Madras

Team Members: Sangeetha K, Kirthiga S M, Nithila Devi N, Jeba Princy R

Legend

Maximum correlation
- 0.1
- 0.1 - 0.22
- 0.22 - 0.44
- 0.44 - 0.62
- 0.62 - 0.71

No of days lagged for maximum correlation
- 0 - 1
- 10 - 15
- 1 - 5
- 15 - 30
- 5 - 10
- 30 - 46
- zero correlation districts

Note: Burned area time series of different disrticts are correlated with pollutant time series at Delhi