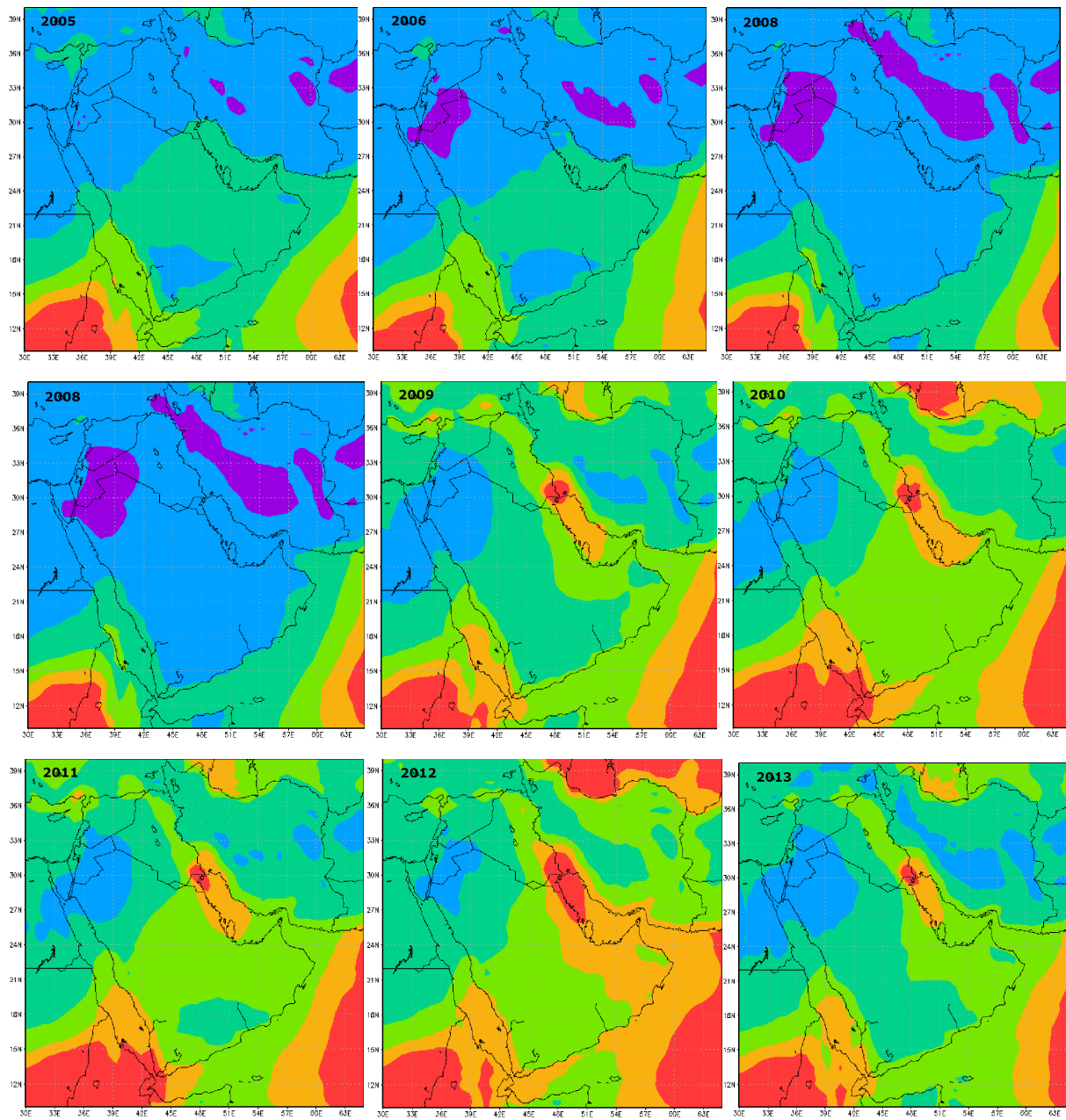


Figure S1: Inter-annual variation of Black Carbon AOT over the Arabian Peninsula from 2005 through 2015.



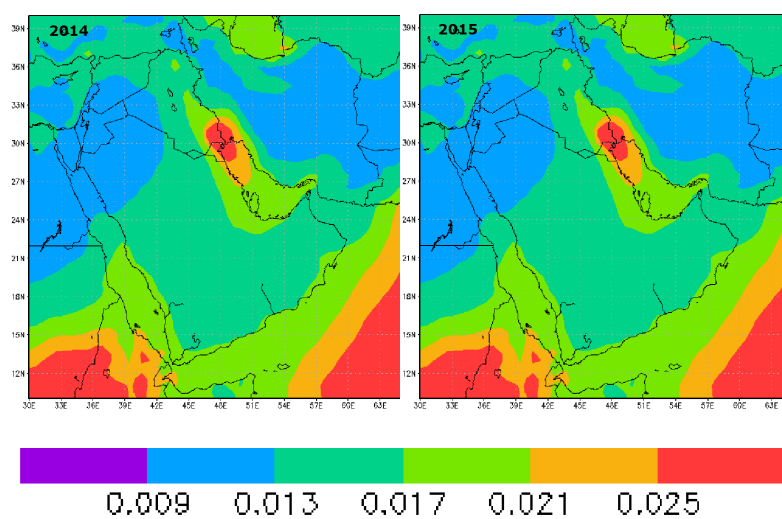
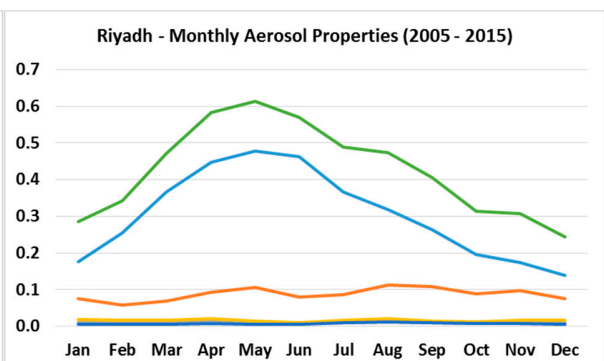
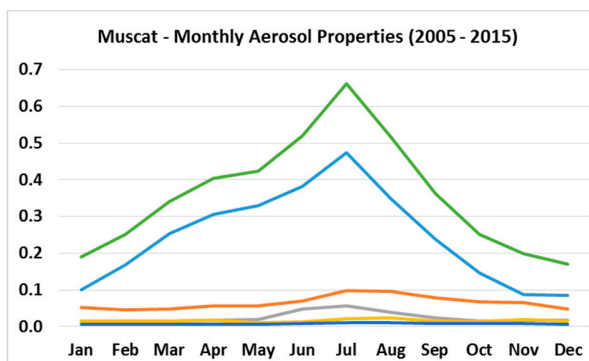
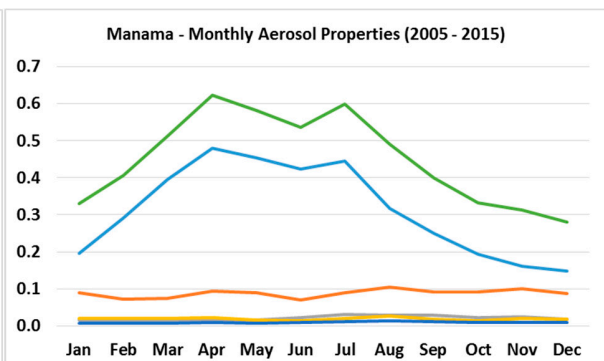
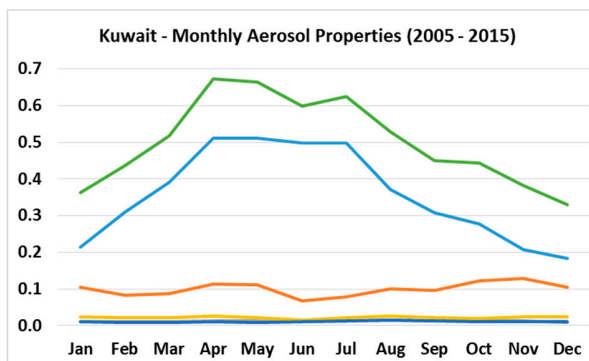
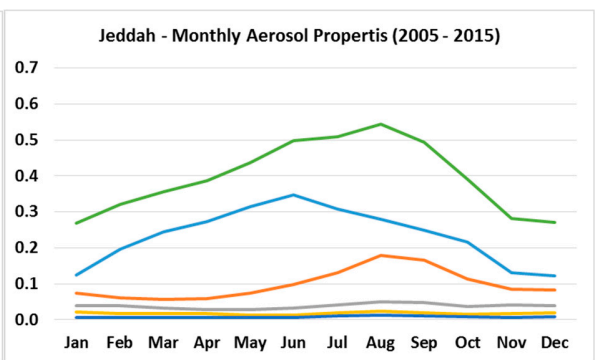
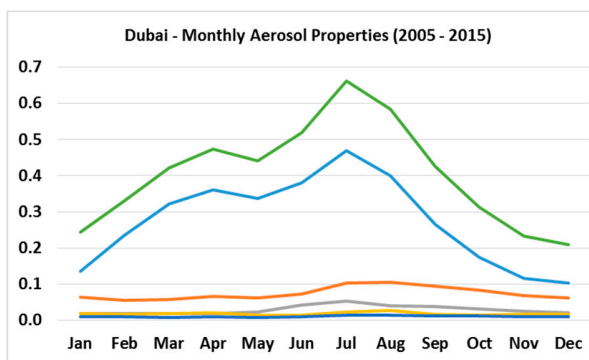
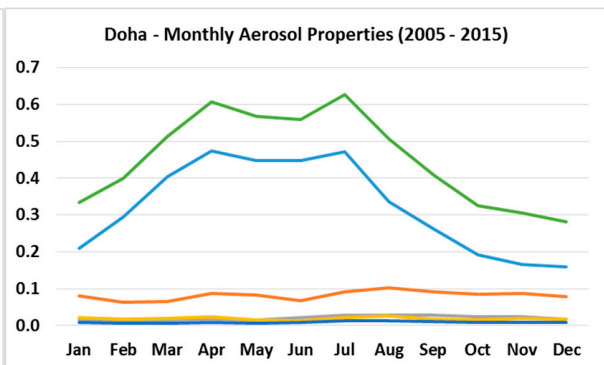
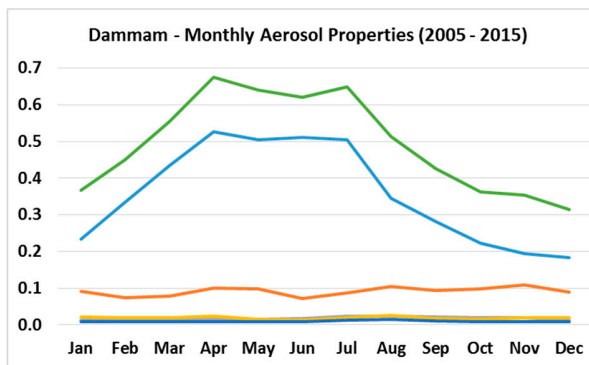


Figure S2: Inter-annual variation of Organic Carbon AOT over the Arabian Peninsula from 2005 through 2015.



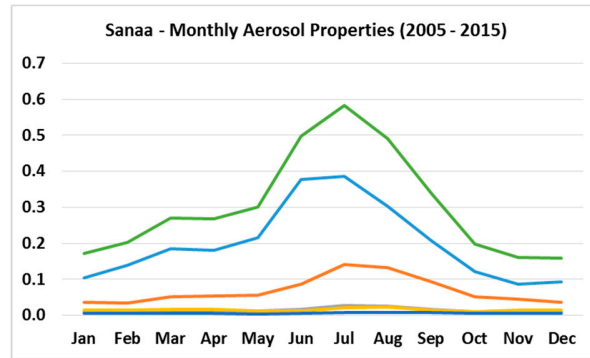


Figure S3: Monthly variation in aerosol AOT over the Arabian Peninsula cities