

**Supplementary Material (SM)**

## **Examining the Variability in Planetary Boundary Layer Height over Thailand: Correlations with ENSO and Aerosol Optical Depth**

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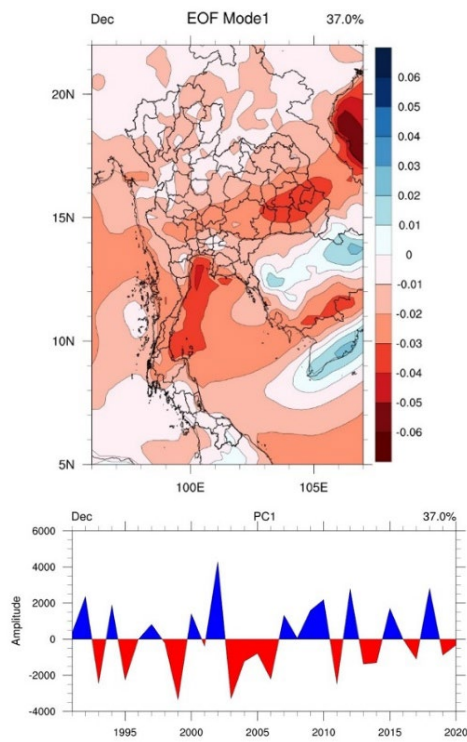
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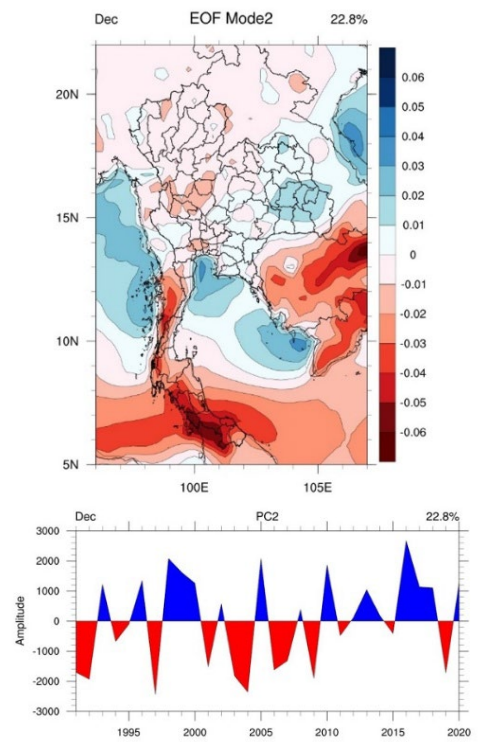
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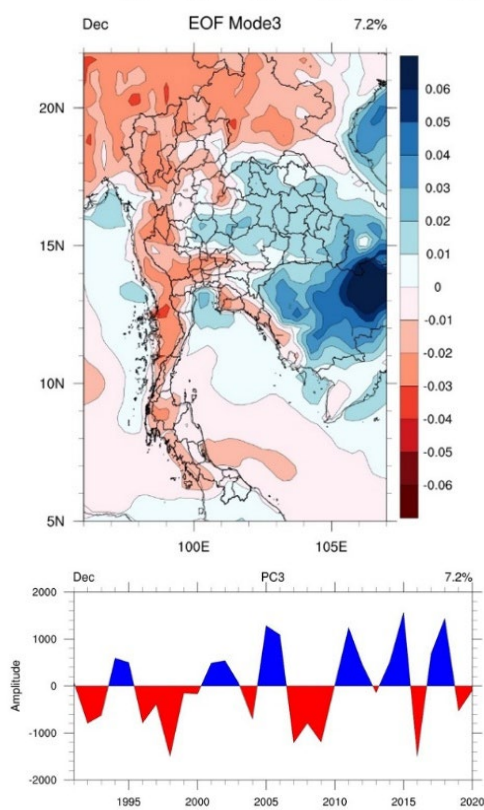
(a)



(b)

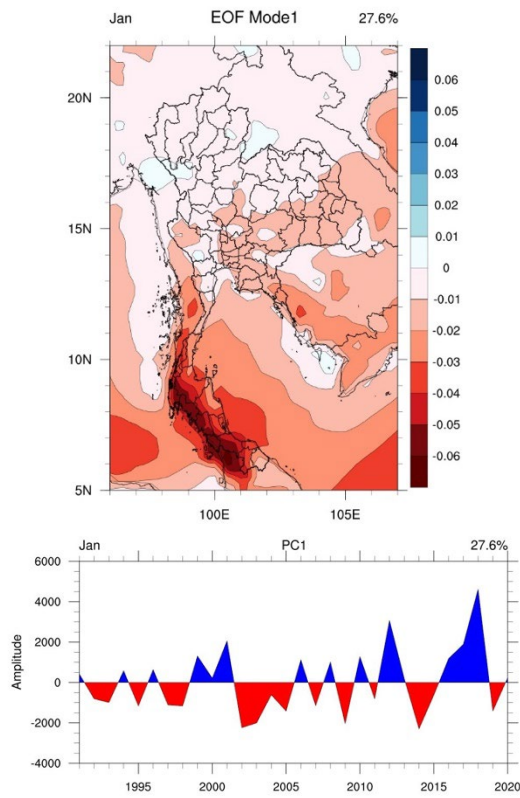


(c)

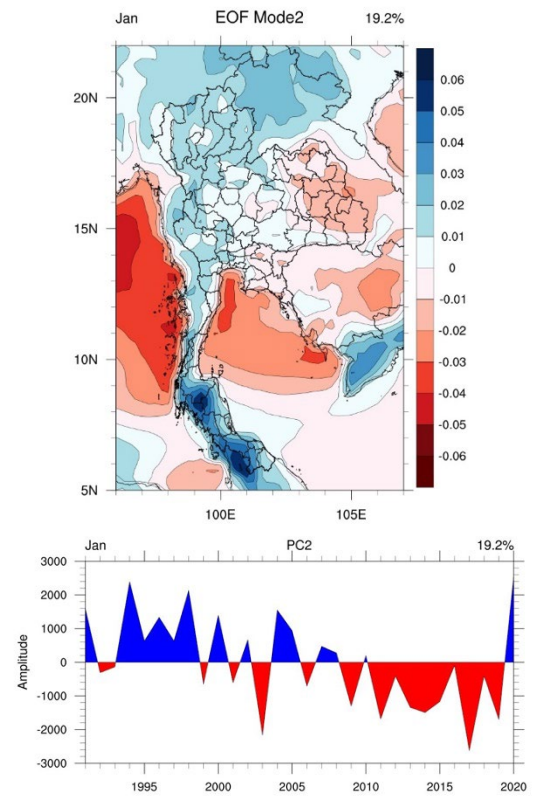


**SM 1** The first (a), second (b), and third (c) EOF modes for December.

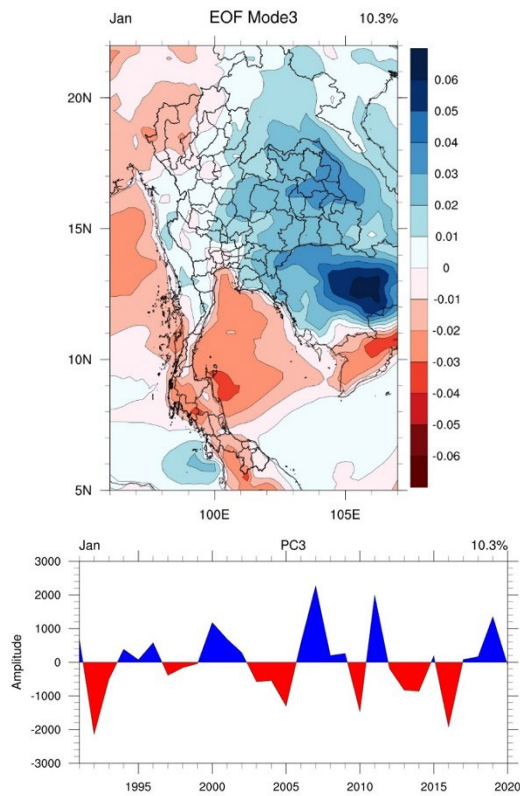
(a)



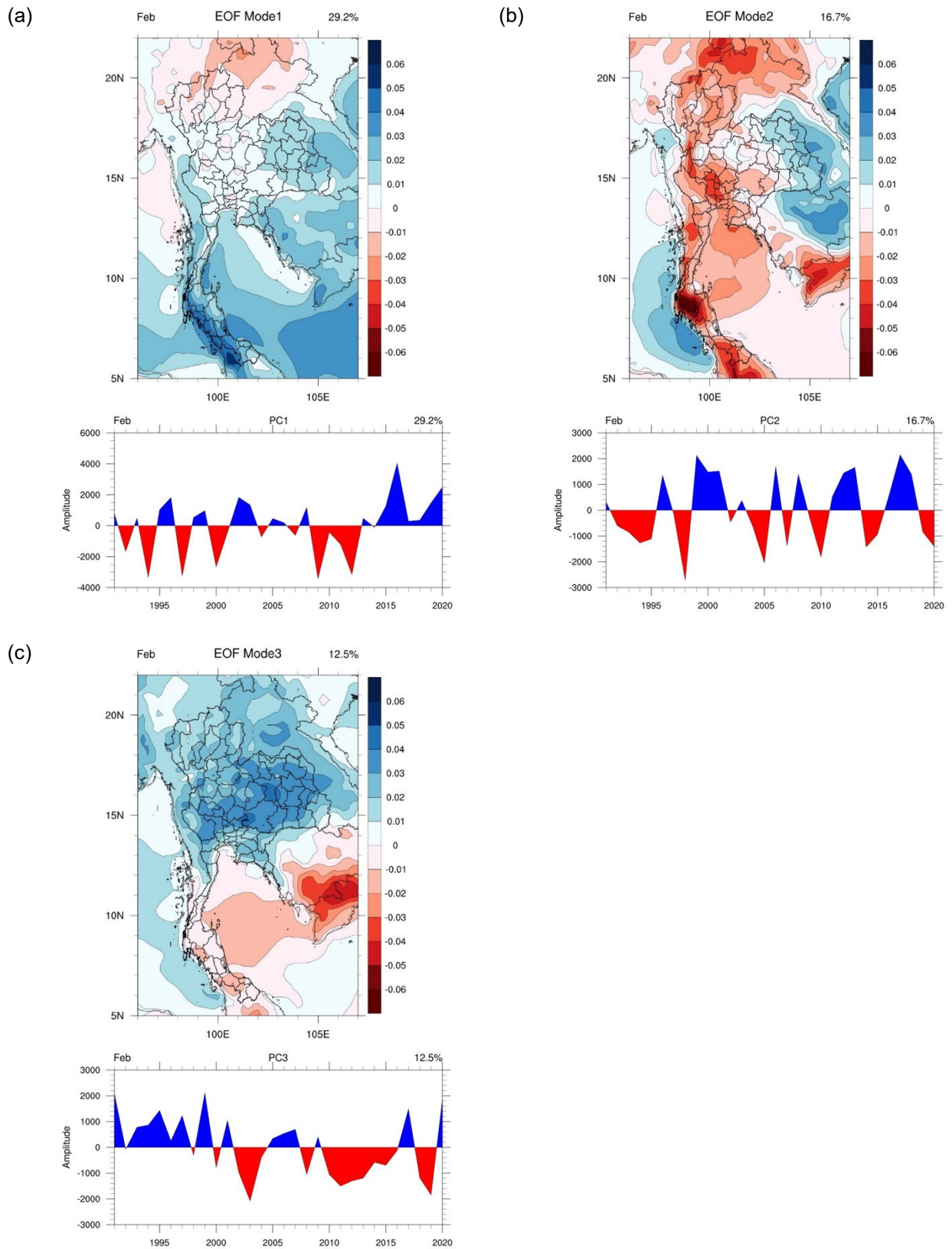
(b)



(c)

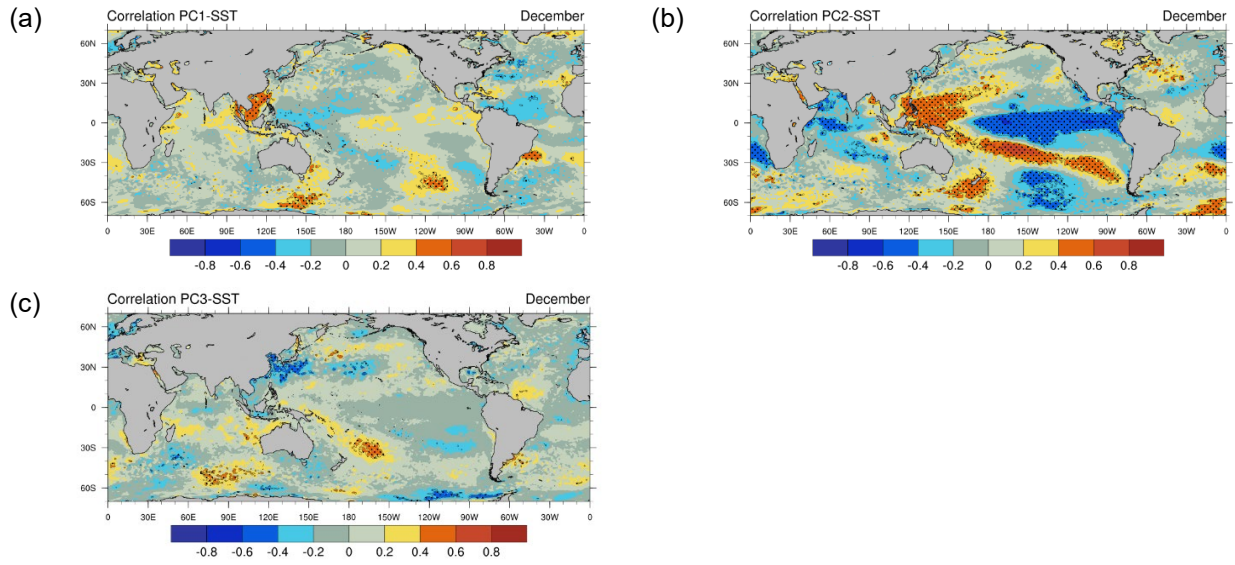


**SM 2** The first (a), second (b), and third (c) EOF modes for January.

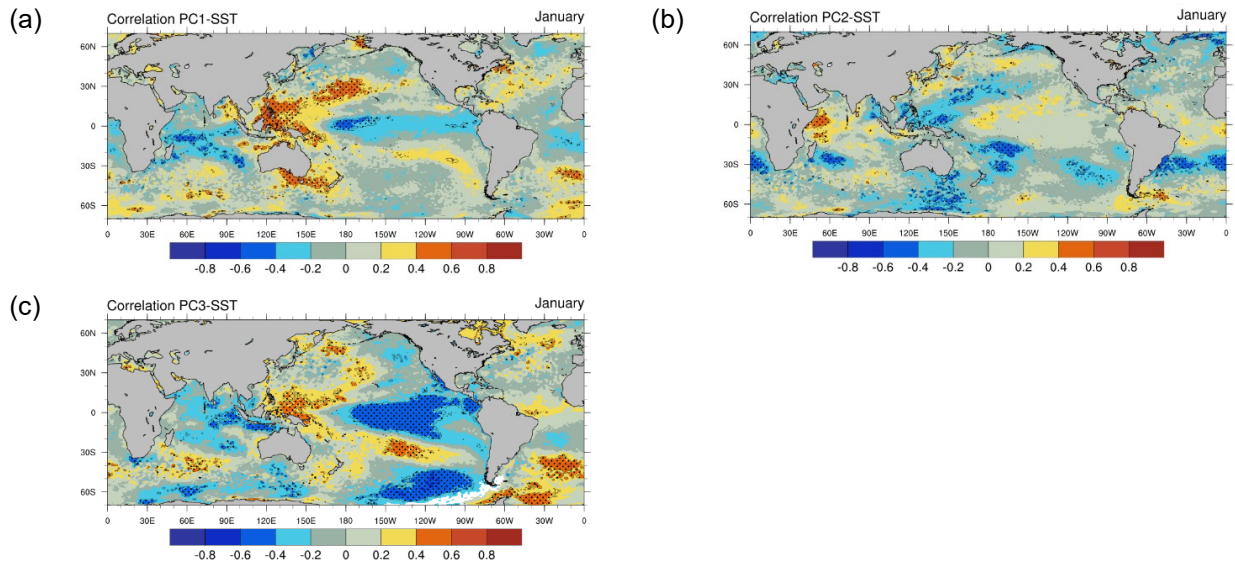


**SM 3** The first (a), second (b), and third (c) EOF modes for February

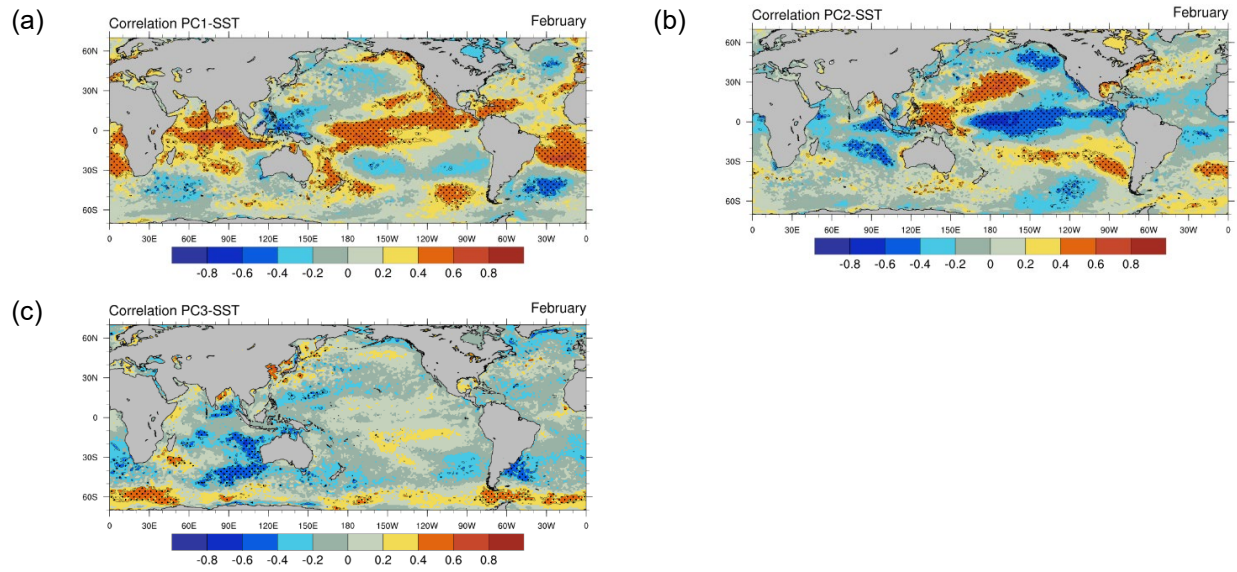




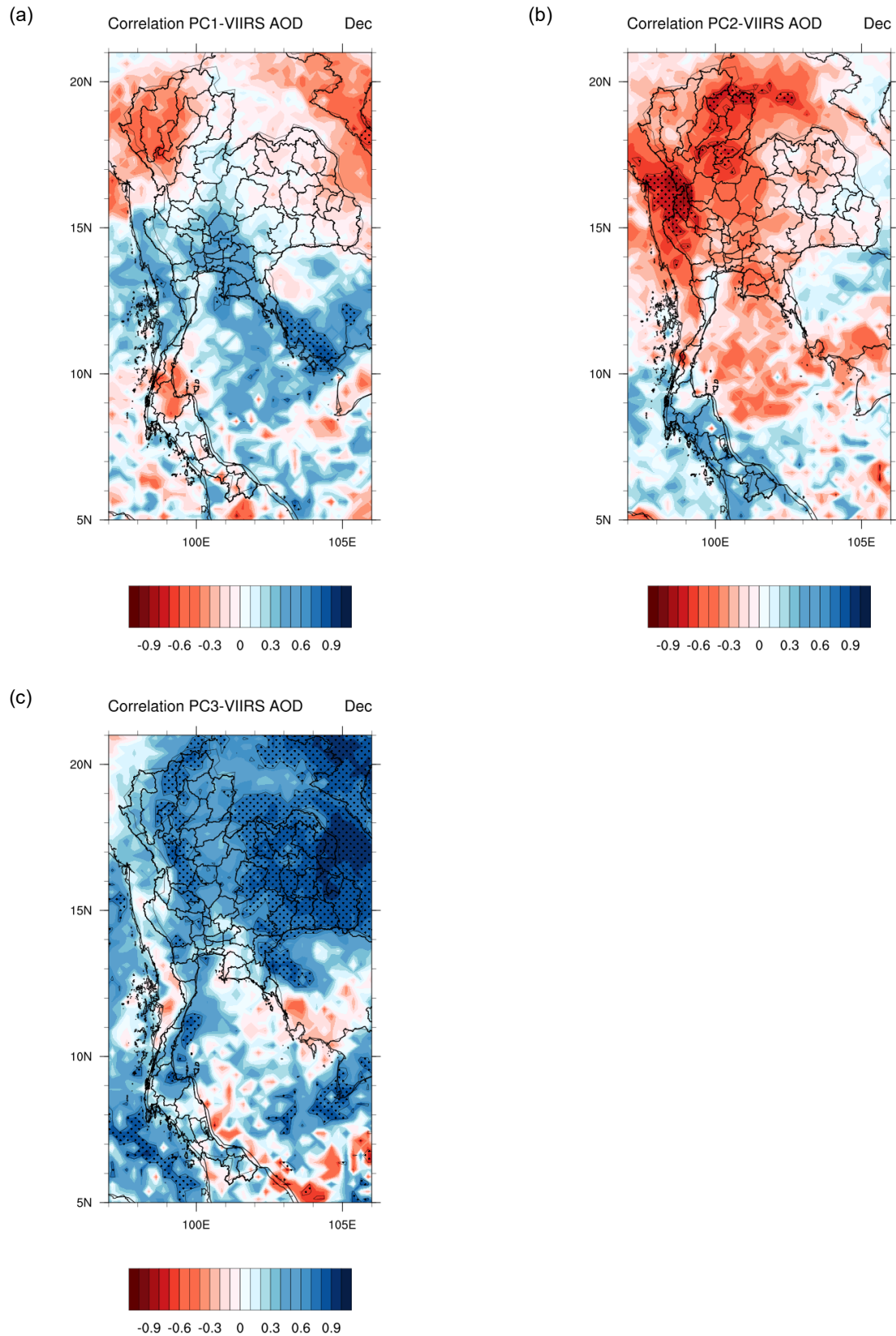
**SM 4** The first (a), second (b), and third (c) Correlation maps of PCs to SST for December.



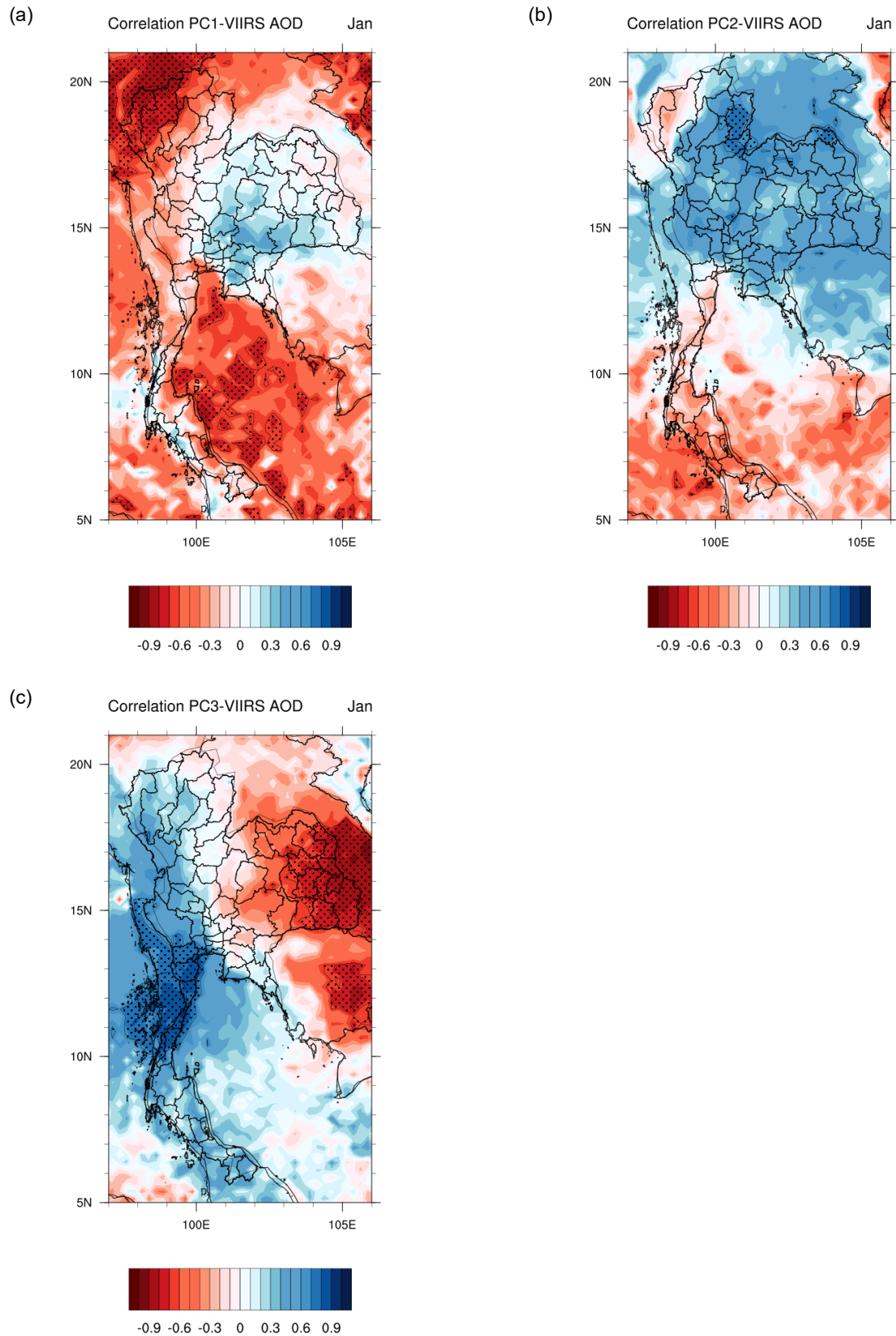
**SM 5** The first (a), second (b), and third (c) Correlation maps of PCs to SST for January.



**SM 6** The first (a), second (b), and third (c) Correlation maps of PCs to SST for February.

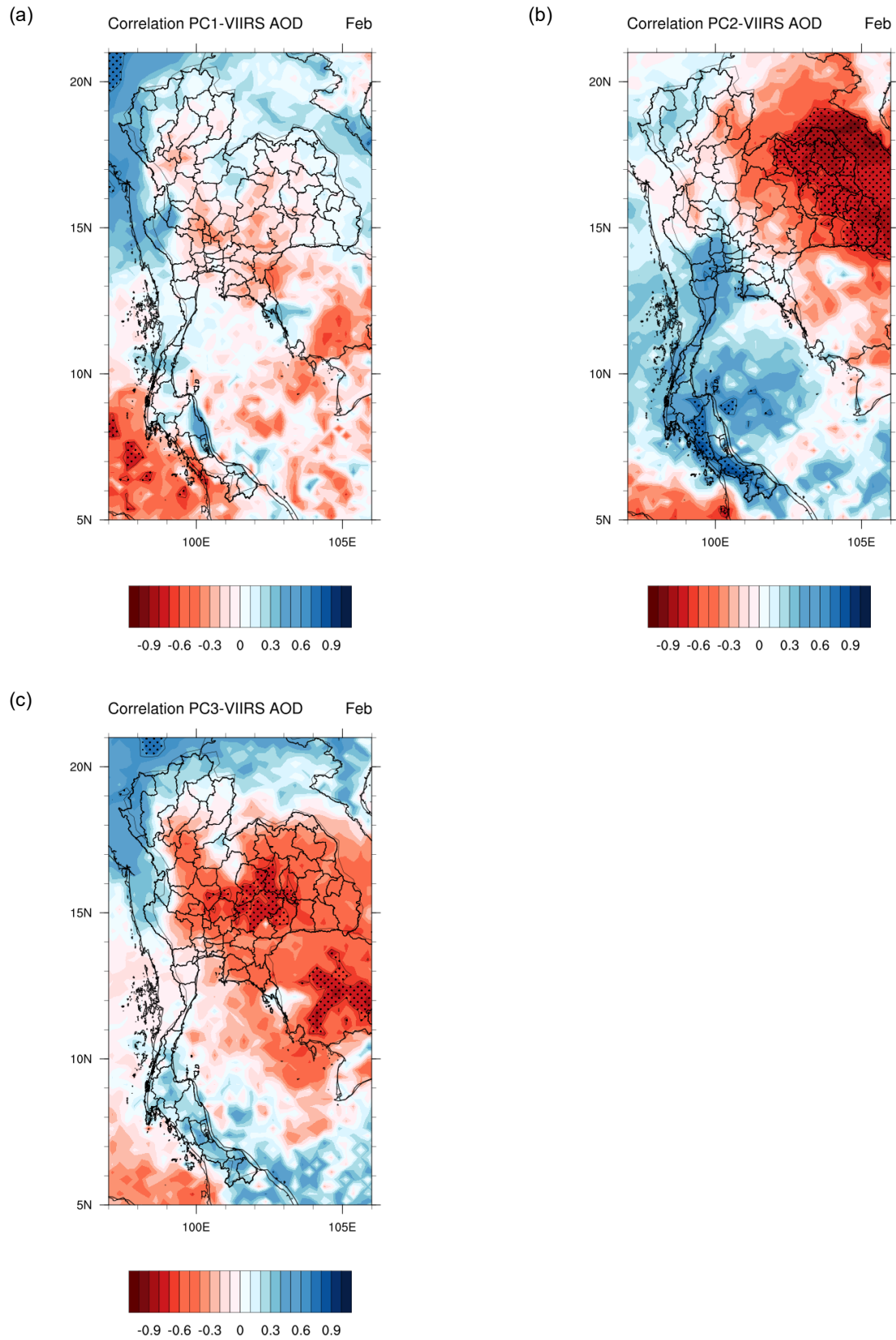


**SM 7** The first (a), second (b), and third (c) Correlation maps of PCs to AOD for December.



**SM 8** The first (a), second (b), and third (c) Correlation maps of PCs to AOD for January.





**SM 9** The first (a), second (b), and third (c) Correlation maps of PCs to AOD for February.