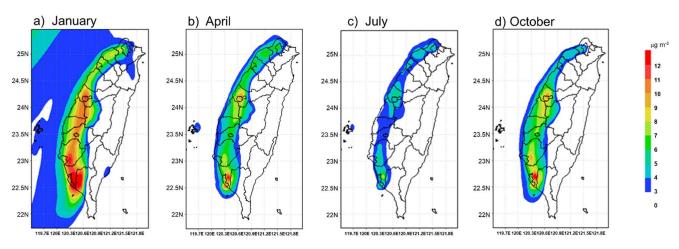


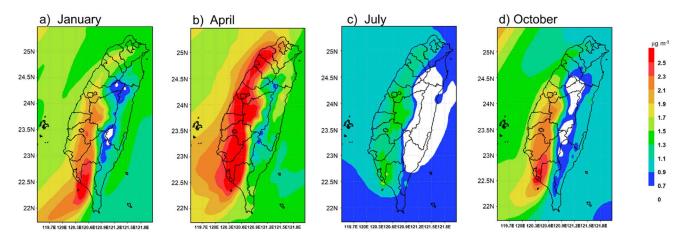


## Supplementary Materials: Effectiveness of SOx, NOx, and Primary Particulate Matter Control Strategies in the Improvement of Ambient PM Concentration in Taiwan

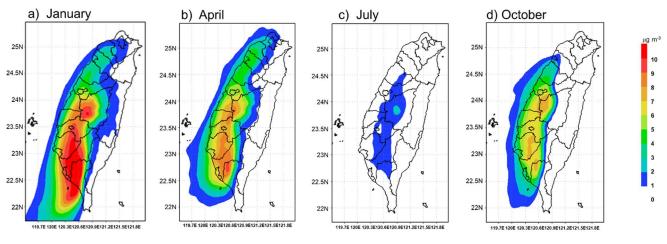
Jiun-Horng Tsai<sup>1,2</sup>, Ming-Ye Lee<sup>1</sup> and Hung-Lung Chiang<sup>3\*</sup>



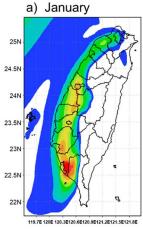
**Figure S1.** The stimulation of primary PM<sub>2.5</sub> concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the baseline year condition.



**Figure S2.** The stimulation of sulfate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the baseline year condition.



**Figure S3**. The stimulation of nitrate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the baseline year condition.



25N

24.5N

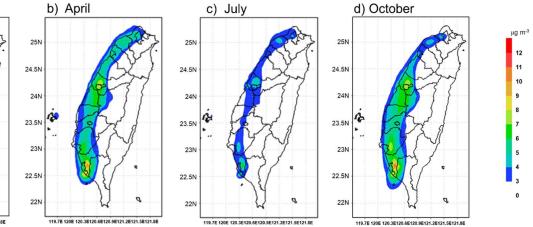
24N

23N

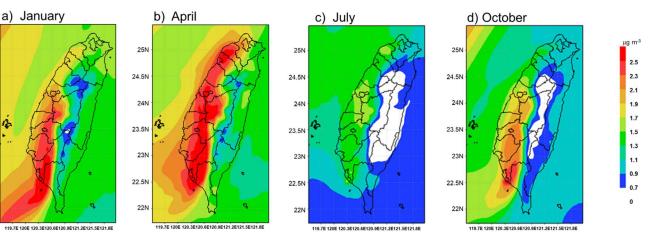
22.5N

22N

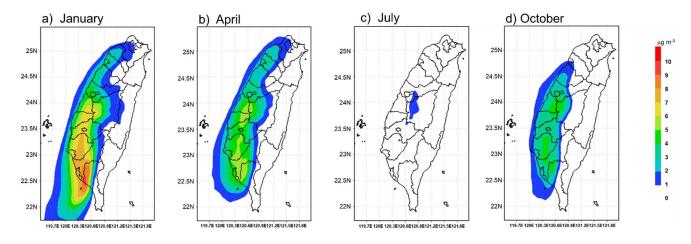
23.5N



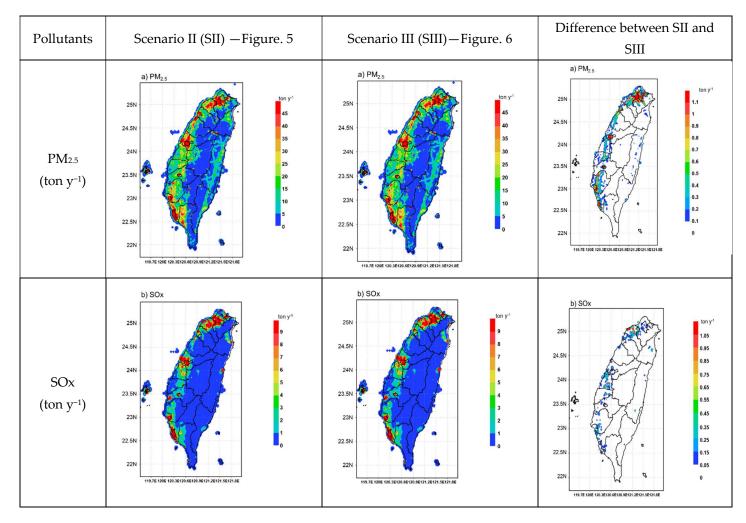
**Figure S4.** The stimulation of primary PM<sub>2.5</sub> concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under Scenario II.



**Figure S5.** The stimulation of sulfate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the scenario II.



**Figure S6.** The stimulation of nitrate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under Scenario II.



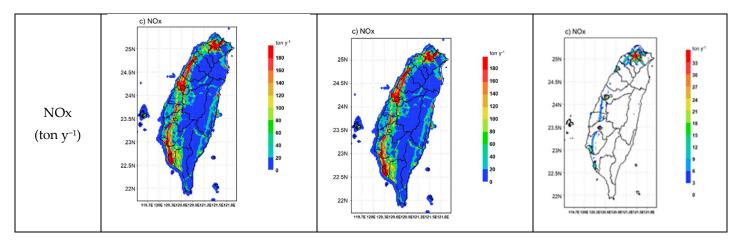
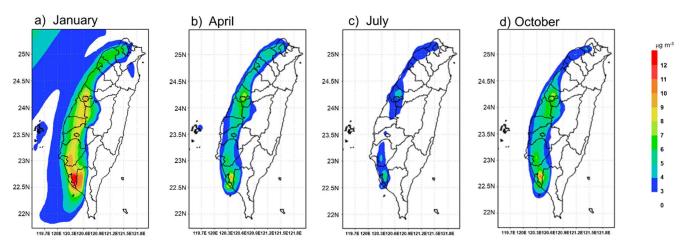
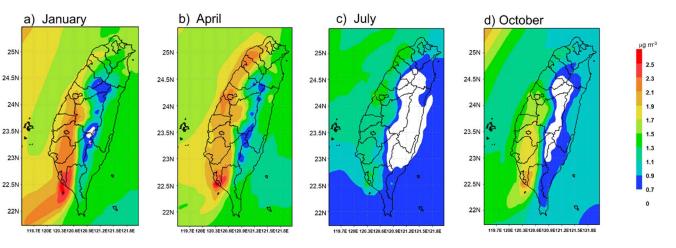


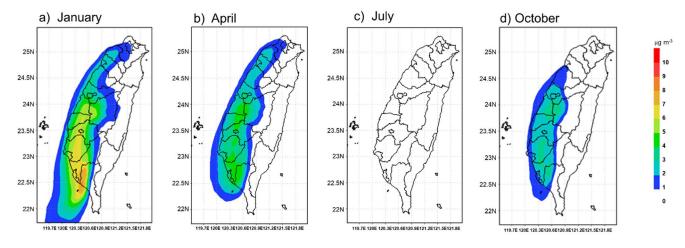
Figure S7. Comparison the differences of Scenario II and III. (a) PM2.5; (b) Sox; (c) NOx



**Figure S8.** The stimulation of Primary PM<sub>2.5</sub> concentrations for January (**a**), April (**b**), July (**c**) and October (**d**)under the scenario III.



**Figure S9.** The stimulation of sulfate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the scenario III.



**Figure S10.** The stimulation of Nitrate concentrations for January (**a**), April (**b**), July (**c**) and October (**d**) under the scenario III.