

## ***Interactive comment on “Emission trends and mitigation options for air pollutants in East Asia” by S. X. Wang et al.***

### **Anonymous Referee #2**

Received and published: 24 March 2014

In this work, Wang et al. reviewed the current control measures of air pollutants in East Asia, estimated the emission trends of these pollutants for the period 2005–2010, and projected the emissions to 2030 on the basis of two/six emission scenarios/strategies. The technical part is clearly described and of good quality and the manuscript is well-organized. However, there are a number of format issues and numerous grammatical errors. The reviewer suggests a grammar-checking by native English speaker, and recommends the revised manuscript for publication in ACP.

Specific comment:

The reviewer is wondering whether it is possible to add a section discussing the uncertainties of emission inventories compiled in this study.

C690

Format issues:

According to the style of the ACP, tables “should be numbered sequentially”. However, in the main text, Table 2 occurs earlier than Table 1; Table 6 occurs earlier than Table 5; and Table 8 occurs earlier than Table 7.

Page 2602, line 10. “FGD” should be defined at first occurrence.

Page 2604, line 9. Page 2609, line 4. Page 2639, line 12. Page 2640, line 24. Zhao et al. (2013d) is not in the reference list or “d” is not added to the last literature of the References.

Page 2609, line 27. Page 2610, line 22. UNEP (2010) is not listed in the References.

The reviewer did not see NDRC (2007) was cited in the main text.

Caption of Fig. 1. Add “in China” after “standards”.

Page 2 of the SI. “(c) PM” should be “(3) PM”.

Some examples of grammatical errors in the first 27 pages:

Page 2602, line 21. Add commas before and after “respectively”. Correct it throughout the manuscript.

Page 2603, line 5. Change “reports” to “reported”. Change “contribute” to “contributes”.

Page 2603, line 8. Change “calculation” to “calculations”.

Page 2603, line 10. Change “rate” to “rates”.

Page 2603, line 25. Add “the” before “Kyoto”

Page 2604, line 5. Change “estimation” to “estimations”.

Page 2604, line 24. Add a comma after “Hence”.

Page 2605, line 5. Change “incorporate” to “incorporated”.

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Page 2605, line 6. Add “a” before “full”.

Page 2605, line 8. Add “the” before “annual”. Change “reduction” to “reductions”.

Page 2605, line 25. Add “the” before “model”.

Page 2606, line 13. Add “a” before “special”.

Page 2607, line 12. Add “the” before “rapid”.

Page 2607, line 13. Add “the” before “lower”.

Page 2607, line 18. Add “the” before “rapid”.

Page 2608, line 12. Add “of” before “coal-fired”.

Page 2608, line 18. Change “share” to “shares”.

Page 2609, line 9. Add commas before and after “respectively”.

Page 2609, line 14. Change “inspection” to “inspections”.

Page 2609, line 17. Add commas before and after “respectively”.

Page 2609, line 23. Add “the” before “energy”.

Page 2609, line 26. Add “the” after “through”.

Page 2610, line 5. Add “the” before “stable”.

Page 2611, line 27. Add commas before and after “respectively”.

Page 2612, line 18. Add “the” before “large”.

Page 2612, line 25. Add “the” before “commercial”.

Page 2613, line 25. Add “a” before “small”.

Page 2614, line 8. Change “requires” to “require”.

Page 2614, line 21. Change 3 “furnace” to “furnaces”.

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Page 2615, line 9. Add commas before and after “respectively”.

Page 2615, line 20. Change “Previous” to “A previous”.

Page 2615, line 22. Change “accounted” to “accounting”.

Page 2616, line 4. Change “is” to “are”. Add “the” before “national”.

Page 2616, line 5. Add a comma before “respectively”. Correct it throughout the manuscript.

Page 2618, line 3. Add “the” before “agreement” and “development”.

Page 2618, line 16. Add “the” before “estimation” and “vehicle”.

Page 2618, line 17. Change “regulations” to “regulation”.

Page 2618, line 28. Add “in” after “installed”.

Page 2619, line 22. Change “standard” to “standards”.

Page 2620, line 3. Change “accounts” to “account”.

Page 2620, line 21. Change “/” to “and”.

Page 2621, line 2. Add “the” before “transportation”.

Page 2621, line 5. Add “the” before “industrial”.

Page 2621, line 8. Change “emission” to “emissions”.

Page 2621, line 12. Change “improving” to “improved”.

Page 2622, line 12. Add “the” before “slower”.

Page 2622, line 18. Add “the” before “transportation”.

Page 2623, line 20. Change “scenarios consistent” to “scenarios which are consistent with”.

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Page 2623, line 27. Add “the” before “urbanization”.

Page 2624, line 1. Add “the” before “PC” and “BAU”. Correct it throughout the manuscript.

Page 2624, line 1. Change “scenarios” to “scenario than”.

Page 2624, line 3. Change the comma before “therefore” to a semicolon.

Page 2624, line 10. Add “the” before “residential”.

Page 2624, line 11. Add “the” before “urban” and “rural”.

Page 2624, line 13. Add “the” before “implementation”.

Page 2624, line 26. Change “larger” to “higher”.

Page 2625, line 19. Add “the” before “slow”.

Page 2625, line 23. Add “the” before “transportation”.

Page 2626, line 6. Add “the” before “maximum”.

Page 2626, line 12. Add “and” before “the progressive”.

Page 2626, line 23. Add “a” before “total”.

Page 2627, line 25. Add a comma after “i.e.”. Correct it throughout the manuscript.

Caption of Table 2. Add “the” before “power”.

There are more. . .

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Interactive comment on Atmos. Chem. Phys. Discuss., 14, 2601, 2014.