

# ***Interactive comment on “Benzo(a)pyrene in Urban Environment of Eastern Moscow: Pollution Levels and Critical Loads” by Nikolay S. Kasimov et al.***

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1. Page 1, line 19: “the” has been added before the statement “annual degradation”.
2. Page 4, line 7: the statement “, with precision of  $\pm 25\%$ ” has been deleted.
3. Page 4, line 7: the statement “Cold extraction of BaP is carried out by n-hexane, its concentration is determined by gas chromatography-mass spectrometry (HPPG-MS), with precision of 15–20 % (Gennadiev and Pikovskii, 1996).” has been added after reference “(Alekseeva and Teplitskaya, 1981)”.
4. Page 4, end of chapter 2.3: the statement “The balance calculations were performed using averaged data for land-use zones, so the accuracy of the balance components was higher in 2-3 times as compared to the single samples. This provided sufficient reliability of BaP critical load values.” has been added.
5. Page 5, line 3: the form of verb “show” has been changed into “showed”.
6. Page 5, line 8: the form of verb “is” has been changed into “was”.
- 7.

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Page 5, line 17: comma before the phrase “however the difference” has been added. 8. Page 5, line 20: the form of verb “rises up” has been changed into “rose up”. 9. Page 5, line 32: the form of verb “show” has been changed into “showed”. 10. Page 5, line 33: the form of verb “have” has been changed into “had”. 11. Page 5, line 33: the form of verb “is” has been changed into “was”. 12. Page 6, line 2: the form of verb “are” has been changed into “were”. 13. Page 6, line 3: the form of verb “is” has been changed into “was”. 14. Page 6, line 6: comma after the phrase “According to the BaP enrichment of the surface layers” has been added. 15. Page 6, line 11: the statement “This situation is typical for the case, when” has been changed into “This situation is typical for cases where”. 16. Page 6, line 13: “the” has been added before the statement “BaP content”. 17. Page 6, line 14: the form of verb “are” has been changed into “were”. 18. Page 6, line 19: comma before the phrase “especially in the industrial and traffic zones” has been added. 19. Page 6, line 24: the form of verb “exceeds” has been changed into “exceeded”. 20. Page 6, line 24: the form of verb “are” has been changed into “were”. 21. Page 6, line 25: the form of verb “is” has been changed into “was”. 22. Page 6, line 26: the form of verb “is” has been changed into “was”. 23. Page 6, line 27: the form of verb “is” has been changed into “was”. 24. Page 6, line 29: the form of verb “are” has been changed into “were”. 25. Page 7, line 7: the units “tāĀcm-3” has been changed into “gāĀccm-3”. 26. Page 7, line 8: the units “tāĀcm-3” has been changed into “gāĀccm-3”. 27. Page 7, line 9: the units “mg” has been deleted. 28. Page 7, lines 10-11: the units “mg” has been added. 29. Page 7, line 15: the form of verb “exceed” has been changed into “exceeded”. 30. Page 7, line 18: the statement “by an Eq. (1):” has been changed into “as follows”. 31. Page 7, line 26: the statement “Eq. (2):” has been deleted. 32. Page 7, line 28: the statement “where ” has been deleted. 33. Page 8, line 5: the statement “Eq. (3)” has been changed into “formula”. 34. Page 8, line 11: the statement “(Wild and Jones, 1995)” has been changed into “Wild and Jones (1995)”. 35. Page 8, line 17: the statement “long exposure time” has been changed into “long exposure times”. 36. Page 8, line 18: the statement “can’t” has been changed into “cannot”. 37. Page 8, line 28: the

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statement "Eq. (4)" has been changed into "follows". 38. Page 9, line 4: the statement "there" has been changed into "here". 39. Page 8, line 9: the statement "can't" has been changed into "cannot".

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Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2016-649/acp-2016-649-AC2-supplement.pdf>

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