

***Interactive comment on “Atmospheric emissions from vegetation fires in Portugal (1990–2008): estimates, uncertainty analysis, and sensitivity analysis” by I. M. D. Rosa et al.***

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Received and published: 28 January 2011

We thank the reviewers for their constructive and helpful suggestions; we have provided our responses to the reviewers' comments and believe our manuscript is much improved as a result. Please see the supplementary PDF for the reviewers' comments and our response.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/10/C12901/2011/acpd-10-C12901-2011-supplement.pdf>

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C12901

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 22047, 2010.

C12902

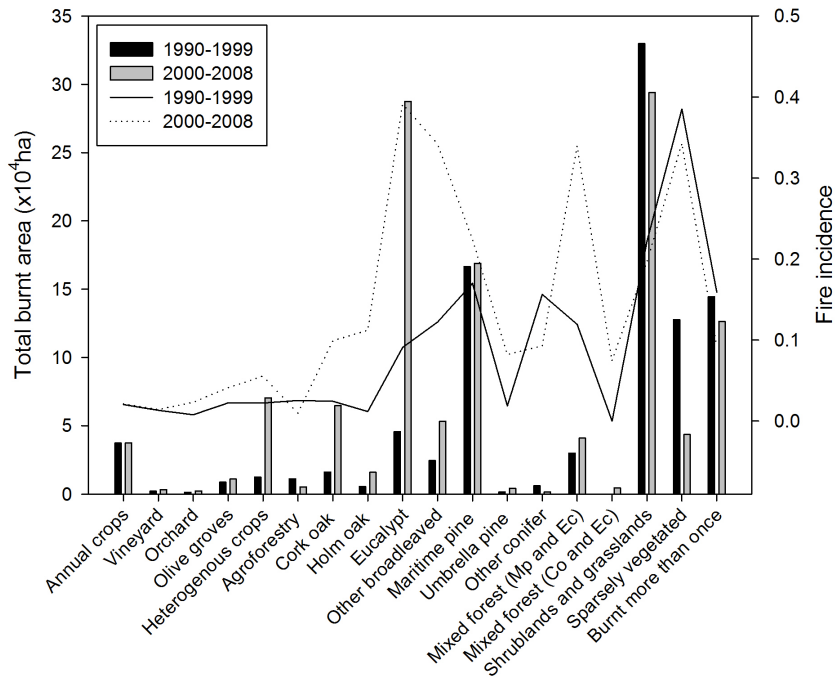


Fig. 1. Total burnt area and fire incidence by land cover class between 1990 and 2008.

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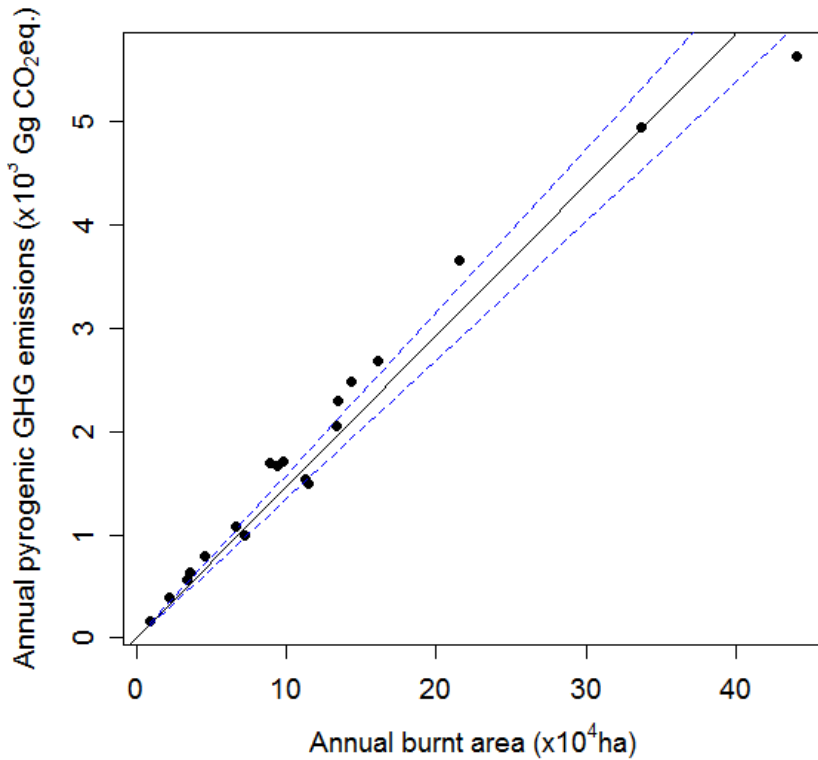
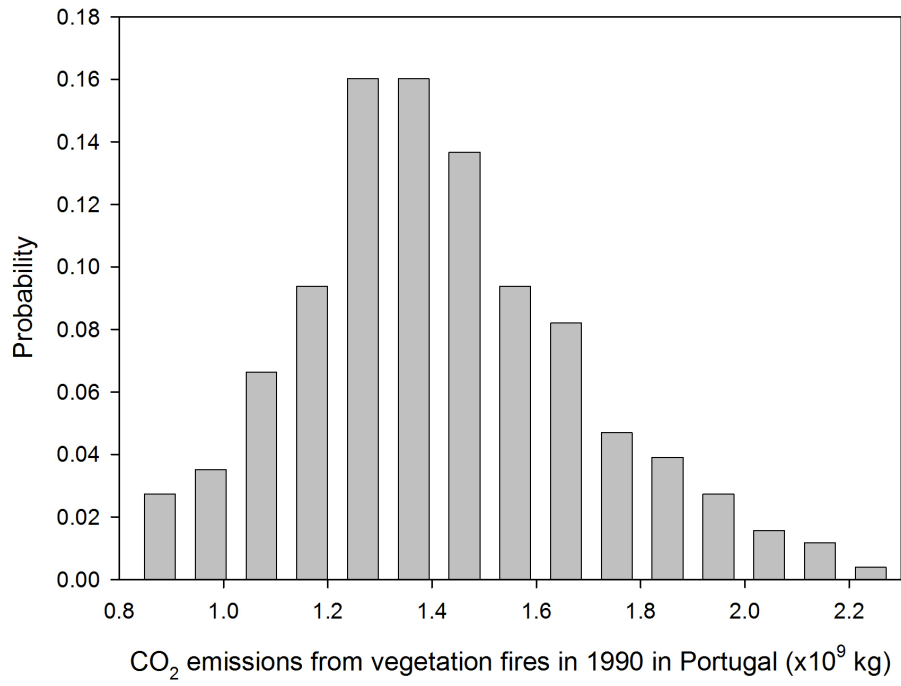


Fig. 2. Linear regression between the annual burnt area and the annual GHG pyrogenic emissions in Portugal between 1990 and 2008 (dashed lines represent the slope's 95% confidence interval).

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**Fig. 3.** Uncertainty analysis output for the CO<sub>2</sub> emissions in 1990.

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