

## ***Interactive comment on “Soil biogenic emissions of nitric oxide from a semi-arid savanna in South Africa” by G. T. Feig et al.***

**Anonymous Referee #4**

Received and published: 9 September 2008

This manuscript evaluates the emissions of nitric oxide from semi-arid savanna soils in South Africa. A soil incubation technique was used to determine the potential emissions from these soils under different soil temperatures and the relationship between emissions and soil temperature and moisture. Potential emissions were combined with meteorological data and scaled up to the regional scale for the years 2003-2005. This clearly written and well presented paper presents invaluable data on biogenic nitric oxide emissions from semi-arid regions as data from these regions is scarce.

Since several of the issues have already been covered in previous referee comments there are just a few small comments to make. Measurements were made from four landscape positions yet in the upscaling process the KNP-GIS database only identifies three landscape positions. Was it not possible to identify the four positions, especially

since the midslopes constitute 80% of the surface area. In figure 2 the colour of the graphs between 2.5 and 3 in the top and bottom graphs are different.

---

Interactive comment on Biogeosciences Discuss., 5, 2795, 2008.

**BGD**

5, S1662–S1663, 2008

---

Interactive  
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

S1663

