

## ***Interactive comment on “Five-year record of atmospheric precipitation chemistry in urban Beijing, China” by F. Yang et al.***

**Anonymous Referee #2**

Received and published: 13 December 2011

This paper addresses the inorganic ions composition of rainfall samples collected in Beijing for five years. Some valuable conclusions were obtained. After a minor revision, this MS can be considered publish in the Journal. Several comments are summarized as follows.

1. In AbstractjjjŽMost precipitation samples had an intermediate pH (6.1-7.3) and 16% were acidic. Please give the pH ranges of the left 16% rainfall samples. Most precipitation samples should be replaced by nearly 84% precipitation samples. 2. In Introduction part, the author should give a brief introduction of air pollution levels in Beijing in recent studies, and possible influence on acidity of precipitation. 3. If possible, please give a repeatability experiments result table. 4. The ions concentration in Figure 5 is the annual volume-weighted or not? If yes, please describe it in MS. 5. Please give the meaning of x-axis of Figure 6. 6. If possible, please describe the seasonal variation

C12998

of acidity and chemical composition of rainfall samples. 7. The paper could have been better-written. Revising the entire MS by a native English speaker is highly required prior to publishing.

---

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 28097, 2011.