

### **List of changes and comments**

- 1) In the revised version, we followed the advice of both reviewers and all comments have been addressed. For details, see the published response to reviewer 1 and 2.
- 2) In addition, some typos and unclear sentences were corrected.
- 3) All changes are marked in the version with tracked changes.
- 4) High-resolution versions of the figures will be provided separately.
- 5) Figure 2 will be updated and missing monitoring stations will be added.