

We have made all the corrections indicated by Reviewer #2, with one exception: The reviewer is incorrect that ncWMS features such as color range are part of the standard WMS protocol. In this version, to make this clear, we added a link to the ncWMS page that describes these customizations.

Reviewer #2 had these comments:

This revised version of the paper presents clear objectives and a good and clear structure. However there are few minor issues.

At pag. 10 (3.4 Data preview) "... for the custom extensions provided by ncWMS ..."

I think the sentence is inaccurate because the ncWMS doesn't provide "custom extensions" but it implements standard functionalities of the WMS protocol (1.1 - 1.3). See here for more details:

<http://www.resc.rdg.ac.uk/trac/ncWMS/wiki/CompatibleClients>

http://reading-escience-centre.github.io/edal-java/ncWMS_user_guide.html

The same consideration applies to the sentence "The TDS ncWMS extends this to deliver dynamically-generated images that map data onto color scales and color ranges specified by the user". In fact, the custom color map specified by the user is an OGC WMS standard feature (i.e. through SLD parameter).

Possibly add the citation for the sentence:

"Brokering has been historically more successful than top-down approaches .. "

Possibly add the link (at the first use) for:

GeoNetwork, Geoportal Server, GI-cat, CKAN, DKAN and pycsw.

There are some typos:

- pag. 3 "catalogueing"

- pag. 4 "These system facilitate"

- Github -> GitHub

- Matlab -> MATLAB

- pag. 8 - "If if the ..."

- IRIS -> Iris

- Geonetwork -> GeoNetwork

- netcdf -> netCDF