

Dear Authors

Thank you for your replies and for an update and the revision of your manuscript and dataset publication. We are pleased to tell you that your publication is accepted after minor revisions.

Minor revisions

There are still some inconsistencies left in the naming of the forest products. Throughout the text and also in figures: please standardize the naming

PL-forest, PL-Evergreen forest, JAXA-forest or PL-Forest and PL-Evergreen Forest, JAXA-Forest ? e.g., also Figure 12, 'forests'.

In chapter 2.6 when you introduce the satellite products you can define the naming and the short code that you would then consistently use throughout the manuscript in the text and figures.

Keywords: please include the sensors, Landsat, PALSAR-2, ICESat

Table 3 elevation – please add the unit, e.g. [m] a.s.l. meter above sea level

L614 change Sentinle-2 to Sentinel-2

We look forward to your final manuscript,

Best wishes, Birgit Heim

Response: We are glad to know that the publication is accepted after minor revisions. Thanks for all the efforts and insightful comments from editors, reviewers, and colleagues to improve the manuscript. In this revision, we revised the manuscript throughout the text and figures following the comments and suggestions. All the revisions were labeled in the numbers of Lines and Pages using the Track Change version. Please see our point-to-point responses to each comment and suggestion in the following text.

Minor revisions

1. There are still some inconsistencies left in the naming of the forest products. Throughout the text and also in figures: please standardize the naming PL-forest, PL-Evergreen forest, JAXA-forest or PL-Forest and PL-Evergreen Forest, JAXA-Forest ? e.g., also Figure 12, 'forests'.

Response: Thanks for your suggestions! The names of the forest products have been revised to keep them consistent throughout the text and figures as "PL-Forest, PL-Evergreen Forest, JAXA-Forest".

2. In chapter 2.6 when you introduce the satellite products you can define the naming and the short code that you would then consistently use throughout the manuscript in the text and figures.

Response: Following your suggestions, the satellite products have been defined and used consistently throughout the manuscript in the text and figures. The revisions are in the Lines of 254-272, Pages 13-14.

3. Keywords: please include the sensors, Landsat, PALSAR-2, ICESat

Response: The keywords have been revised by adding the sensors of Landsat, PALSAR-2, ICESat-1 in Lines of 44-45, Page 2.

4. Table 3 elevation – please add the unit, e.g. [m] a.s.l. meter above sea level

Response: The unit of "m above sea level" was added in Table 3 in Lines of 414, Page 22.

5. L614 change Sentinle-2 to Sentinel-2

Response: Corrected.