

CORRECTION

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Correction to: Global terrain classification using 280 m DEMs: segmentation, clustering, and reclassification

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Correction

In the publication of this article (Iwahashi et al. 2018), there was an error in Table 3 in terrain group 10, 11 and 12.

The error: “natural level”.

Should instead read: “natural levee”.

This has now been updated in the original article (Iwahashi et al. 2018).

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Table 3 CR^a and SC^b of geomorphological and geological units for each terrain group in Japan

Terrain group	Landform element of JEGM	Geological unit of SDGM
1a	Mountain (84%), volcano ^c (8%), others (8%)	Accretionary complex (30%), mafic volcanic rocks (Jurassic to Pleistocene) (20%), plutonic rocks (Silurian to Middle Miocene) (13%), felsic volcanic rocks (9%), metamorphic rocks (9%) (× 2.3), others (19%)
1b	Mountain (53%), volcano (32%) (× 7.0), volcanic footslope (9%), others (6%)	Mafic volcanic rocks (Jurassic to Pleistocene) (39%) (× 3.1), accretionary complex (13%), Plutonic rocks (Silurian to Middle Miocene) (10%), sediments (8%), felsic volcanic rocks (7%), pyroclastic flow deposits (6%)
2a	Mountain (79%), others (21%)	Accretionary complex (25%), mafic volcanic rocks (Jurassic to Pleistocene) (18%), plutonic rocks (Silurian to Middle Miocene) (13%), sediments (13%), felsic volcanic rocks (12%), sedimentary rocks (Silurian to Middle Miocene) (7%), metamorphic rocks (6%), others (6%)
2b	Mountain (70%), hill (9%), volcano (7%), others (14%)	Sediments (23%), accretionary complex (22%), mafic volcanic rocks (Jurassic to Pleistocene) (17%), sedimentary rocks (Silurian to Middle Miocene) (13%) (× 2.3), felsic volcanic rocks (9%), plutonic rocks (6%), others (10%)
3a	Mountain (36%), hill (23%), gravelly terrace (11%), valley bottom lowland (10%) (× 2.0), volcanic footslope (5%), others (15%)	Sediments (38%), accretionary complex (13%), Plutonic rocks (Silurian to Middle Miocene) (12%), mafic volcanic rocks (Jurassic to Pleistocene) (9%), pyroclastic flow deposits (8%), sedimentary rocks (Silurian to Middle Miocene) (7%), felsic volcanic rocks (7%), others (6%)
3b	Hill (32%) (× 3.1), mountain (20%), gravelly terrace (10%), volcanic footslope (9%), valley bottom lowland (8%), terrace covered with volcanic ash soil (6%), volcanic hill (6%) (× 2.4), others (9%)	Sediments (54%), pyroclastic flow deposits (13%) (× 2.3), accretionary complex (7%), sedimentary rocks (Silurian to Middle Miocene) (7%), mafic volcanic rocks (Jurassic to Pleistocene) (5%), others (14%)
4	Volcano (55%) (× 12.5), volcanic footslope (36%) (× 7.7), others (9%)	Mafic volcanic rocks (Holocene) (47%) (× 84.3), volcanic debris (Miocene to Holocene) (21%) (× 12.6), mafic volcanic rocks (Jurassic to Pleistocene) (16%), pyroclastic flow deposits (8%), others (8%)
5	Volcanic footslope (60%) (× 12.8), gravelly terrace (10%), terrace covered with volcanic ash soil (9%) (× 2.3), volcano (6%), others (15%)	Sediments (35%), volcanic debris (Miocene to Holocene) (23%) (× 13.9), pyroclastic flow deposits (18%) (× 3.1), mafic volcanic rocks (Holocene) (14%) (× 25.8), mafic volcanic rocks (Jurassic to Pleistocene) (7%), others (3%)
6	Terrace covered with volcanic ash soil (19%) (× 4.8), gravelly terrace (16%) (× 2.4), valley bottom lowland (14%) (× 3.0), hill (12%), volcanic footslope (7%), back marsh (7%) (× 2.5), alluvial fan (7%) (× 2.3), delta and coastal lowland (5%) (× 3.1), others (13%)	Sediments (79%) (× 2.3), pyroclastic flow deposits (8%), others (13%)
7	Gravelly terrace (29%) (× 4.2), terrace covered with volcanic ash soil (14%) (× 3.5), hill (13%), alluvial fan (12%) (× 4.3), valley bottom lowland (10%) (× 2.2), volcanic footslope (8%), others (14%)	Sediments (81%) (× 2.4), pyroclastic flow deposits (5%), others (14%)
8	Terrace covered with volcanic ash soil (19%) (× 4.8), alluvial fan (16%) (× 5.7), gravelly terrace (15%) (× 2.2), back marsh (14%) (× 5.2), delta and coastal lowland (8%) (× 4.7), others (28%)	Sediments (95%) (× 2.8), others (5%)
9	Alluvial fan (30%) (× 10.5), gravelly terrace (30%) (× 4.4), terrace covered with volcanic ash soil (16%) (× 4.1), volcanic footslope (10%) (× 2.1), others (14%)	Sediments (86%) (× 2.5), pyroclastic flow deposits (5%), others (9%)
10	Back marsh (28%) (× 9.9), alluvial fan (22%) (× 7.5), delta and coastal lowland (14%) (× 8.3), gravelly terrace (8%), natural levee (7%) (× 11.2), others (21%)	Sediments (99%) (× 2.9), others (1%)
11	Back marsh (36%) (× 13.1), delta and coastal lowland (18%) (× 10.9), alluvial fan (12%) (× 4.3), natural levee (11%) (× 17.1), reclaimed land (6%) (× 13.3), others (17%)	Sediments (100%) (× 2.9)
12	Back marsh (56%) (× 20.0), delta and coastal lowland (21%) (× 13.0), natural levee (14%) (× 21.0), reclaimed land (7%) (× 14.7), others (2%)	Sediments (100%) (× 2.9)

Legends with CR of 5% or more are shown. Clusters with SC over × 2.0 are shown in bold text and the factors are in parentheses

^aComposition ratio

^bspecialization coefficient

^climited to Holocene volcano in JEGM