Correction

Correction: Shupeng, W., et al. Carbon Dioxide Retrieval from TanSat Observations and Validation with TCCON Measurements. *Remote Sensing* 2020, 12(14), 2204

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The authors wish to make the following corrections to this paper [1]:

Change in Main Body Paragraphs

1. We have recently been made aware by the TCCON partners that the Beijing site is not currently part of TCCON network. So the authors wish to include more detailed introduction to Beijing site in Section 2.2. The first two sentences of paragraph 2 in Section 2.2 currently reads as follows:

[The validation of retrievals with target mode is conducted using the ground-based FTS measurements in Beijing. The Bruker FTS 125HR in Beijing is similar to the equipment used at TCCON sites and has made observations since 2016 [31].]

To set straight the scientific record we would like to make the following corrections:

[The validation of retrievals with target mode is conducted using the ground-based FTS measurements in Beijing. The Beijing site is not part of the TCCON observation network. The site is operated by National Satellite Meteorological Center, China Meteorological Administration. The Bruker FTS 125HR in Beijing is similar to the equipment used at TCCON sites and has made observations since 2016 [31]. The precision of FTS CO₂ column has been reported to be better than 0.2% under clear sky conditions [31]; however, systemic bias needs be removed through continuous comparison with other FTS of TCCON sites.].

2. We have recently been made aware by the TCCON Network and the *Remote Sensing* Editorial Offices of improper citation of TCCON data used in our recent paper. The authors wish to include proper reference of each TCCON station used in our study in Section 4.2. The first sentence of said Section 4.2 currently reads as follows:

[In this section, the XCO₂ data retrieved with TanSat are validated against the collocated ground-based measurements at TCCON sites.]

To set straight the scientific record we would like to make the following corrections:

[In this section, the XCO₂ data retrieved with TanSat are validated against the collocated ground-based measurements at TCCON sites listed in Table 3.]

Table 3. Geolocation and reference of each TCCON station used in comparison and validation.

Stations	Nationality	Latitude	Longitude	Reference
Sodankyla	Finland	67.3N	26.6E	[44]
Bialystok	Poland	53.2N	23.0E	[45]
Bremen	Germany	53.1N	8.8E	[46]
Karlsruhe	Germany	49.1N	8.4E	[47]
Park Falls	WI(USA)	48.4N	2.3E	[48]
Paris	France	48.4N	2.3E	[49]
Izana	Tenerife	48.4N	2.3E	[50]
Orleans	France	47.9N	2.1E	[51]
Garmisch	Germany	47.4N	11.0E	[52]
Rikubetsu	Japan	43.4N	143.7E	[53]
Lamont	OK(USA)	36.6N	97.4W	[54]
Tsukuba	Japan	36.0N	140.1E	[55]
Saga	Japan	33.2N	130.2E	[56]
Darwin	Australia	12.4S	130.9E	[57]
Wollongong	Australia	34.4S	150.8E	[58]
Burgos	Philippines	18.5N	120.6E	[59]
Edwards	USA	34.9N	117.9W	[60]
Jpl	USA	34.1N	118.1W	[61]
Pasadena	USA	34.1N	118.1W	[62]
Zugspitze	Germany	47.4N	11.0E	[63]

The authors would like to apologize for any inconvenience caused to the readers by these changes.

We would like to add Mr. Xingying Zhang, Dr. Yangmeng Bi, Dr. Ping Wang into the authorship. We would also like to ensure we acknowledge the TCCON partners and their funding agencies using the following text:

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We also would like to add the following references in our paper and change original reference 44 to 64.

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