

Additional material to JSTARS-2017-1043: Open data for global multimodal land use classification: Outcome of the 2017 IEEE GRSS Data Fusion Contest

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I. DETAILED DATA INFORMATION

This document contains supplementary material for the 2017 Data Fusion Contest organized by the Image Analysis and Data Fusion Technical Committee of the IEEE Geoscience and Remote Sensing Society.

Precisely, the detailed information about the data sets which were used (including the dates of the images, the locations of the OSM data layers, etc.) can be found in the following. In addition, the exact download links for the considered open data are given. Tables A, B, and C show the complete lists of the released OSM, Landsat 8, and Sentinel 2 datasets, respectively.

TABLE A
OPENSTREETMAP DATA RELEASED FOR THE DFC17

City	Country	State/Region	Date	URL
Chicago	USA	Illinois Indiana	31-Oct-16	http://download.geofabrik.de/osm/north-america/us/illinois-latest-free.shp.zip
			20-Nov-16	http://download.geofabrik.de/osm/north-america/us/indiana-latest-free.shp.zip
Paris	France	Normandie Ile de France Picardie	18-Dec-16	http://download.geofabrik.de/osm/europe/france/haute-normandie-latest-free.shp.zip
			31-Oct-16	http://download.geofabrik.de/osm/europe/france/ile-de-france-latest-free.shp.zip
			18-Dec-16	http://download.geofabrik.de/osm/europe/france/picardie-latest-free.shp.zip
Amsterdam	Netherlands		31-Oct-16	http://download.geofabrik.de/osm/europe/netherlands-latest-free.shp.zip
Berlin	Germany		20-Feb-17	http://download.geofabrik.de/osm/europe/germany/brandenburg-latest-free.shp.zip
Hongkong	China		31-Oct-16	http://download.geofabrik.de/osm/asia/china-latest-free.shp.zip
Madrid	Spain		31-Oct-16	http://download.geofabrik.de/osm/europe/spain-latest-free.shp.zip
Rome	Italy		31-Oct-16	http://download.geofabrik.de/osm/europe/italy/centro-latest-free.shp.zip
Sao Paulo	Brazil		31-Oct-16	http://download.geofabrik.de/osm/south-america/brazil-latest-free.shp.zip
Xi'an	China		31-Oct-16	http://download.geofabrik.de/osm/asia/china-latest-free.shp.zip

TABLE B
LANDSAT 8 DATA RELEASED FOR THE DFC17

City	Landsat Scene IDs	Acquisition dates
Amsterdam	LC81980242014068LGN00; LC81980242014260LGN00; LC81980242015071LGN00; LC81980242015215LGN00; LC81990232015110LGN00	09-Mar-2014; 17-Sep-2014; 12-Mar-2015; 03-Aug-2015; 20-Apr-2015
Berlin	LC81930232015084LGN00; LC81930232015100LGN00	25-Mar-2015; 10-Apr-2015
Chicago	LC80230312014138LGN00; LC80230312014154LGN00; LC80230312014266LGN00; LC80230312014298LGN00	18-May-2014 03-Jun-2014; 23-Sep-2014; 25-Oct-2014
Hong Kong	LC81220442013333LGN00; LC81220442014288LGN00; LC81220442014320LGN00; LC81220442015291LGN00	29-Nov-2013 15-Oct-2014; 16-Nov-2014; 18-Oct-2015
Madrid	LC82010322014345LGN00; LC82010322015092LGN00; LC82010322015172LGN00; LC82010322015188LGN00; LC82010322015268LGN00	11-Dec-2014; 02-Apr-2015; 21-Jun-2015; 07-Jul-2015; 25-Sep-2015
Paris	LC81990262014139LGN00; LC81990262015270LGN00	19-May-2014; 27-Sep-2015
Rome	LC81910312013208LGN00; LC81910312014355LGN00; LC81910312015182LGN00; LC81910312015198LGN00	27-Jul-2013; 21-Dec-2014 01-Jul-2015; 17-Jul-2015
Sao Paulo	LC82190762013244LGN00; LC82190762014039LGN00; LC82190762014215LGN00; LC82190762015266LGN00	01-Sep-2013; 08-Feb-2014 03-Aug-2014; 23-Sep-2015
Xi'an	LC81270362014275LGN00; LC81270362014355LGN00; LC81270362015022LGN00; LC81270362015118LGN00	02-Oct-2014; 21-Dec-2014 22-Jan-2015; 28-Apr-2015

TABLE C
SENTINEL 2 DATA RELEASED FOR THE DFC I7

City	Tile name	Date	Source	Metadata
Amsterdam	31UUF	08-Sep-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/31/U/FU/2016/9/8/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/31/U/FU/2016/9/8/0/metadata.xml
	33UVT	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/33/U/VT/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/33/U/VT/2016/8/27/0/metadata.xml
	33UUT	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/33/U/UT/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/33/U/UT/2016/8/27/0/metadata.xml
	33UUU	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/33/U/UU/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/33/U/UU/2016/8/27/0/metadata.xml
Chicago	16TDM	13-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/16/T/DM/2016/10/13/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/16/T/DM/2016/10/13/0/metadata.xml
	16TCM	13-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/16/T/CM/2016/10/13/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/16/T/CM/2016/10/13/0/metadata.xml
	16TCL	13-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/16/T/CL/2016/10/13/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/16/T/CL/2016/10/13/0/metadata.xml
	16TDL	13-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/16/T/DL/2016/10/13/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/16/T/DL/2016/10/13/0/metadata.xml
Hong Kong	16TDN	13-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/16/T/DN/2016/10/13/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/16/T/DN/2016/10/13/0/metadata.xml
	49QHE	17-Sep-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/49/Q/HE/2016/9/17/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/49/Q/HE/2016/9/17/0/metadata.xml
	30TVK	11-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/30/T/VK/2016/10/11/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/30/T/VK/2016/10/11/0/metadata.xml
	30TVL	11-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/30/T/VL/2016/10/11/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/30/T/VL/2016/10/11/0/metadata.xml
Madrid	30TUL	11-Oct-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/30/T/UL/2016/10/11/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/30/T/UL/2016/10/11/0/metadata.xml
	31UDQ	01-May-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/31/U/DQ/2016/5/1/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/31/U/DQ/2016/5/1/0/metadata.xml
	31UDP	01-May-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/31/U/DP/2016/5/1/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/31/U/DP/2016/5/1/0/metadata.xml
	31UCQ	01-May-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/31/U/CQ/2016/5/1/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/31/U/CQ/2016/5/1/0/metadata.xml
Rome	33TTg	03-Sep-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/33/T/TG/2016/9/3/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/33/T/TG/2016/9/3/0/metadata.xml
	23KLQ	07-Apr-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/23/K/LQ/2016/4/7/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/23/K/LQ/2016/4/7/0/metadata.xml
	23KLP	07-Apr-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/23/K/LP/2016/4/7/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/23/K/LP/2016/4/7/0/metadata.xml
	23KKP	07-Apr-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/23/K/KP/2016/4/7/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/23/K/KP/2016/4/7/0/metadata.xml
Sao Paulo	49SCU	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/49/S/CU/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/49/S/CU/2016/8/27/0/metadata.xml
	49SBU	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/49/S/BU/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/49/S/BU/2016/8/27/0/metadata.xml
	49SCT	27-Aug-16	http://sentinel-s2-1lic-s3-website.eu-central-1.amazonaws.com/#tiles/49/S/CT/2016/8/27/0/	http://sentinel-s2-1lic-s3.amazonaws.com/tiles/49/S/CT/2016/8/27/0/metadata.xml