



## Data Sharing and Use Agreement

March 5, 2018

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### 1. Purpose of Agreement

This agreement documents the data sharing and use conditions related to the indicated dataset(s) ([Addendum 1](#)), the intended use of the dataset(s), the Principal Data User who takes delivery of the data and accepts responsibility for ensuring these conditions are fulfilled, and the project team members who will have access to the datasets. The signature of the Principal Data User is required to fully execute this agreement. Copies of this agreement must be provided to CANUE by email ([info@canue.ca](mailto:info@canue.ca)). CANUE will forward copies to all original data developers as per the exposure data source contact listed in the associated metadata files.

### 2. Disclaimer

Data are provided "as-is". While substantial efforts are made to ensure the accuracy of data and associated documentation, complete accuracy cannot be guaranteed. CANUE makes no guarantee, either express or implied, including but not limited to, the fitness for any purpose. The Data User holds all parties involved in the production or distribution of the data harmless for damages resulting from its use or interpretation.

### 3. Intended Use(s)

Use of CANUE datasets is restricted to academic, research, educational, or other not-for-profit purposes.

Project Name:

Project Summary:



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March 5, 2018

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#### 4. Data users covered by this agreement

Principal Data User:

Additional project team members:

I am affiliated with a Canadian academic institution listed in [Addendum 2](#). *(if no, please contact [info@canue.ca](mailto:info@canue.ca) to identify possible study collaborators)*

I have read the associated metadata files for the indicated datasets/variables and agree to abide by the limits for data sharing and use conditions contained in each file.

I will ensure all project team members are aware of and abide by the limits for data sharing and use conditions set out in each metadata file.

I understand this agreement will be terminated immediately upon breach of, or non-compliance with, any of its terms and/or those contained in each metadata file, and that I may be held responsible for any misuse that is caused or encouraged by failure of myself or members of the project team to abide by the terms of this agreement.

I agree to provide CANUE staff with information, upon request, on how the analytical results were disseminated, i.e., published journal articles, academic or professional conference abstracts, posters and presentations, invited presentations and webinars, and project reports.

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Signature (Principal Data User)

Printed Name

Date

Academic Affiliation



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### ADDENDUM 1. CANUE dataset(s) covered in this agreement

Please check all datasets requested. If you require subsets, please note in the space provided. A full list of dataset file names and attributes is included in [CANUE Data Dictionary.pdf](#)

#### POSTAL CODE DATASETS

POSTAL CODES - annual DMTI single link postal code files, 1983 to 2016

(DMTI\_SLI\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata Postal Codes.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

#### AIR QUALITY DATASETS

NITROGEN DIOXIDE – Land use regression-based annual concentration estimate, 1984 to 2012

(NO2LUR\_A\_YY.csv)

Metadata file: [CANUE Metadata NO2 LUR.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

GROUND-LEVEL OZONE – annual modelled concentration estimate, 2002 to 2015

(O3CHGI\_A\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata O3 CHG.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

FINE PARTICULATES (PM2.5) – 3 year annual average satellite-based concentration estimate, 2000 to 2012

(PM25DAL\_A\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata PM25 DAL.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

SULFUR DIOXIDE – 3 year annual OMI satellite-based concentration estimate, 2007 to 2015

(SO2OMI\_A\_YY.csv files, where YY = last two digits of specific year of data)

Metadata File: [CANUE Metadata SO2 OMI.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

## **NEIGHBOURHOOD FACTOR DATASET(S)**

MATERIAL AND SOCIAL DEPRIVATION INDICES - indicators of material and social deprivation based on census information, 1991, 1996, 2001, 2006 and 2011  
(INDMSD\_A\_91.csv; INDMSD\_A\_96.csv; INDMSD\_A\_01.csv; INDMSD\_A\_06.csv; and INDMSD\_A\_11.csv)  
Metadata file: [CANUE Metadata Deprivation Index.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

DMSP-OLS NIGHTTIME LIGHT - annual average nighttime brightness, 1992 to 2013  
(LGTNLT\_A\_YY.csv files, where YY = last two digits of specific year of data)  
Metadata file: [CANUE Metadata Night Light.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

CANADIAN ACTIVE LIVING ENVIRONMENTS (Can-ALE) – geographic-based set of measures that represent the active living friendliness of Canadian communities, 2006 and 2016  
(ALE\_A\_YY.csv files, where YY = last two digits of specific year of data)  
Metadata file: [CANUE Metadata Canadian Active Living Environments.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

## **WEATHER AND CLIMATE DATASETS**

WEATHER INDICATORS – annual metrics based on interpolated station data, 1985 to 2015  
(WTHNRC\_A\_YY.csv files, where YY = last two digits of specific year of data)  
Metadata file: [CANUE Weather NRCAN.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

## **GREEN/BLUE SPACE DATASETS**

LANDSAT ANNUAL MEAN NDVI - annual mean normalized difference vegetation index files, 1984 to 2015 (GRLAN\_AMN\_YY.csv files, where YY = last two digits of specific year of data)  
Metadata file: [CANUE Metadata NDVI Landsat.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

LANDSAT GROWING SEASON MEAN NDVI - growing season (May 1st - Aug 31st) mean normalized difference vegetation index, 1984 to 2015  
(GRLAN\_GMN\_YY.csv files, where YY = last two digits of specific year of data)  
Metadata file: [CANUE Metadata NDVI Landsat.pdf](#)  
Subset only: *(indicate specific regions, time periods, or variables)*

**GREEN/BLUE SPACE DATASETS (continued)**

LANDSAT ANNUAL MAXIMUM NDVI - annual maximum normalized difference vegetation index, 1984 to 2015

(GRLAN\_GP\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI Landsat.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

MODIS ANNUAL MEAN NDVI - annual mean normalized difference vegetation index files, 2000 to 2015

(GRMOD\_AMN\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI Modis.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

MODIS ANNUAL MAXIMUM NDVI - annual maximum normalized difference vegetation index files, 2000 to 2005

(GRMOD\_AMX\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI Modis.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

MODIS GROWING SEASON MEAN NDVI - growing season (May 1st - Aug 31st) mean normalized difference vegetation index, 2000 to 2015

(GRMOD\_GMN\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI Modis.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

MODIS GROWING SEASON MAXIMUM NDVI - growing season (May 1st - Aug 31st) maximum normalized difference vegetation index, 1984 to 2015

(GRMOD\_GMX\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI Modis.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*

AVHRR ANNUAL and GROWING SEASON NDVI - annual mean and maximum, and growing season (May 1st to Aug 31st) maximum normalized difference vegetation index, 1985 to 2013

(GRAVH\_A\_YY.csv files, where YY = last two digits of specific year of data)

Metadata file: [CANUE Metadata NDVI AVHRR.pdf](#)

Subset only: *(indicate specific regions, time periods, or variables)*



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### **ADDENDUM 2. Academic Institutions participating in the SMART Consortium Agreement with DMTI Spatial Inc.\***

Brock University  
Carleton University  
Concordia University  
Dalhousie University  
École Polytechnique Montréal  
Fanshawe College  
Lethbridge College  
MacEwan University Library  
McGill University -Libraries  
McMaster University  
Mount Royal University Library  
Nipissing University  
Olds College Library  
Ryerson University  
Saint Mary's University  
Simon Fraser University Library  
Southern Alberta Institute of Technology  
The University of Winnipeg  
Trent University  
Université de Montréal  
Universite Laval  
University of Alberta  
University of British Columbia Library  
University of Calgary  
University of Lethbridge  
University of Manitoba  
University of New Brunswick Libraries  
University of Northern British Columbia  
University of Ottawa  
University of Regina  
University of Toronto  
University of Victoria  
University of Waterloo  
University of Windsor  
Western University  
Wilfrid Laurier University Library  
York University

*\* If your institution is not listed here, but currently is a member of the SMART Consortium, please contact [info@canue.ca](mailto:info@canue.ca).*