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Data and Maps in Reference and Reflections on working in Public and Technical Services

Lindsay Bontje

University of Western Ontario, lbontje3@uwo.ca

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<http://ir.lib.uwo.ca/wlpres/53>

WHAT YOUR FAVORITE
MAP PROJECTION
SAYS ABOUT YOU

MERCATOR



YOU'RE NOT REALLY INTO MAPS.

VAN DER GRINTEN



YOU'RE NOT A COMPLICATED PERSON. YOU LOVE THE MERCATOR PROJECTION; YOU JUST WISH IT WEREN'T SQUARE. THE EARTH'S NOT A SQUARE, IT'S A CIRCLE. YOU LIKE CIRCLES. TODAY IS GONNA BE A GOOD DAY!

ROBINSON



YOU HAVE A COMFORTABLE PAIR OF RUNNING SHOES THAT YOU WEAR EVERYWHERE. YOU LIKE COFFEE AND ENJOY THE BEATLES. YOU THINK THE ROBINSON IS THE BEST-LOOKING PROJECTION, HANDS DOWN.

DYMAXION



YOU LIKE ISAAC ASIMOV, XML, AND SHOES WITH TOES. YOU THINK THE SEGWAY GOT A BAD RAP. YOU OWN 3D GOGGLES, WHICH YOU USE TO VIEW ROTATING MODELS OF BETTER 3D GOGGLES. YOU TYPE IN DVORAK.

WINKEL-TRIPLE



NATIONAL GEOGRAPHIC ADOPTED THE WINKEL-TRIPLE IN 1998, BUT YOU'VE BEEN A WT FAN SINCE LONG BEFORE 'NAT GEO' SHOWED UP. YOU'RE WORRIED IT'S GETTING PLAYED OUT, AND ARE THINKING OF SWITCHING TO THE KAVRAYSKIY. YOU ONCE LEFT A PARTY IN DISGUST WHEN A GUEST SHOWED UP WEARING SHOES WITH TOES. YOUR FAVORITE MUSICAL GENRE IS "POST-".

GOODE HOMOLoSINE



THEY SAY MAPPING THE EARTH ON A 2D SURFACE IS LIKE FLATTENING AN ORANGE PEEL, WHICH SEEMS EASY ENOUGH TO YOU. YOU LIKE EASY SOLUTIONS. YOU THINK WE WOULDN'T HAVE SO MANY PROBLEMS IF WE'D JUST ELECT *NORMAL* PEOPLE TO CONGRESS INSTEAD OF POLITICIANS. YOU THINK AIRLINES SHOULD JUST BUY FOOD FROM THE RESTAURANTS NEAR THE GATES AND SERVE *THAT* ON BOARD. YOU CHANGE YOUR CAR'S OIL, BUT SECRETLY WONDER IF YOU REALLY *NEED* TO.

HOBO-DYER



YOU WANT TO AVOID CULTURAL IMPERIALISM, BUT YOU'VE HEARD BAD THINGS ABOUT GALL-PETERS. YOU'RE CONFLICT-AVERSE AND BUY ORGANIC. YOU USE A RECENTLY-INVENTED SET OF GENDER-NEUTRAL PRONOUNS AND THINK THAT WHAT THE WORLD NEEDS IS A REVOLUTION IN CONSCIOUSNESS.

A GLOBE!



YES, YOU'RE VERY CLEVER.

PEIRCE QUINCUNCIAL



YOU THINK THAT WHEN WE LOOK AT A MAP, WHAT WE REALLY SEE IS OURSELVES. AFTER YOU FIRST SAW *INCEPTION*, YOU SAT SILENT IN THE THEATER FOR SIX HOURS. IT FREAKS YOU OUT TO REALIZE THAT EVERYONE AROUND YOU HAS A SKELETON INSIDE THEM. YOU *HAVE* REALLY LOOKED AT YOUR HANDS.

PLATE CARRÉE
(EQUIRECTANGULAR)



YOU THINK THIS ONE IS FINE. YOU LIKE HOW X AND Y MAP TO LATITUDE AND LONGITUDE. THE OTHER PROJECTIONS OVERCOMPLICATE THINGS. YOU WANT ME TO STOP ASKING ABOUT MAPS SO YOU CAN ENJOY DINNER.

WATERMAN BUTTERFLY



REALLY? YOU KNOW THE WATERMAN? HAVE YOU SEEN THE 1909 CAHILL MAP IT'S BASED — ... YOU HAVE A FRAMED REPRODUCTION AT HOME?! WHOA. ... LISTEN, FORGET THESE QUESTIONS. ARE YOU DOING ANYTHING TONIGHT?

GALL-PETERS



I HATE YOU.

**Data and Maps in
Reference and
Reflections on working
in Public and Technical
Services**

**Presented by
Lindsay Bontje**

Cartaloging... Oh, the
things I have LIRMed

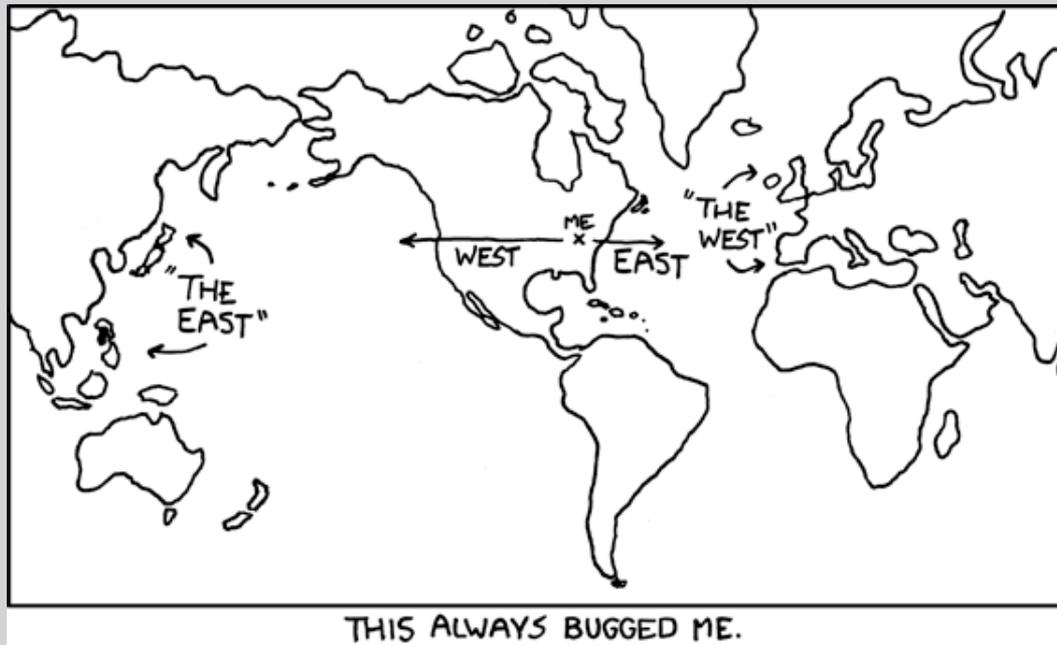
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**Data and Maps in
Reference and
Reflections on working
in Public and Technical
Services**

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Agenda

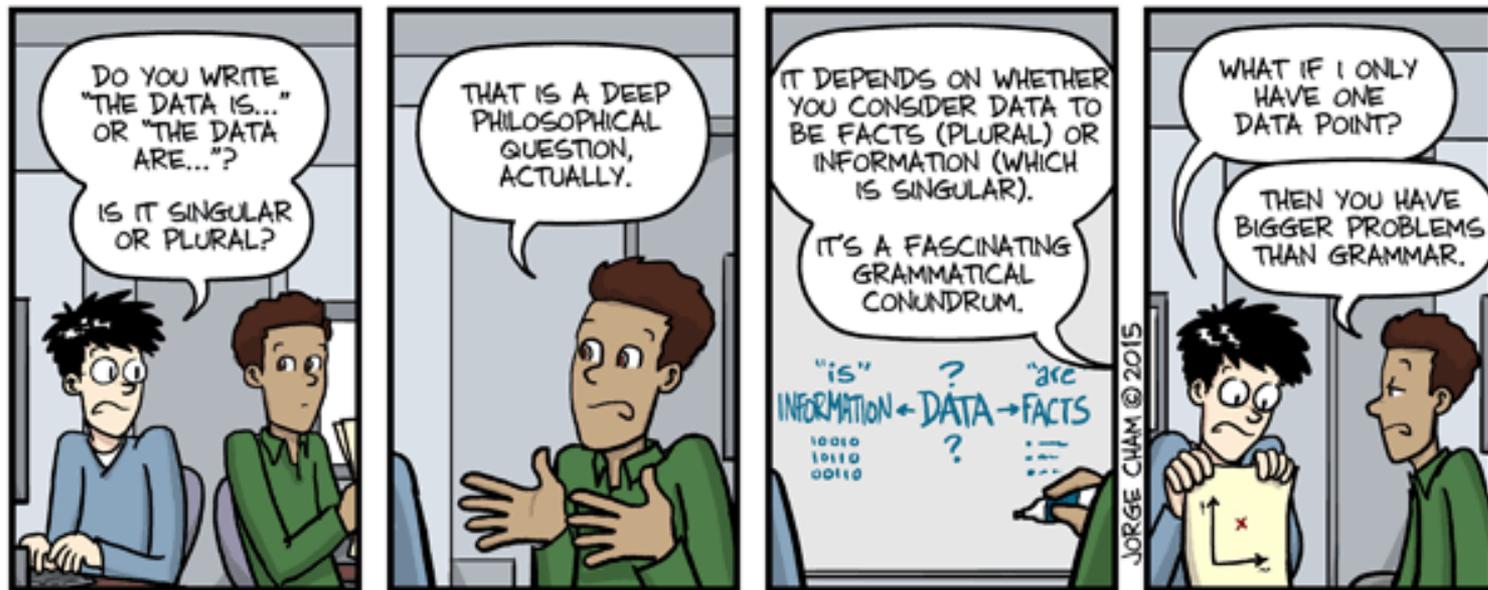
- Discovering and using resources in the Map and Data Centre
- Thoughts and reflections on working in two locations
- Clearing the cataloging backlog
- Integrating new maps into the collection



Data and Statistics LibGuide and Resources

Data or Statistics

- Data: dynamic numbers that can be manipulated and analyzed
- Statistics: fixed numbers or facts



Data and Statistics LibGuide

CATALOGUE [↗](#) SERVICES [▼](#) RESEARCH TOOLS [▼](#) FACULTY SUPPORT [▼](#) LOCATIONS [▼](#) CONTACTS [▼](#)

Western Libraries > Research Guides > Data and Statistics > Start Here

Search Research Guides Search

Data and Statistics

START HERE MICRODATA [-](#) STATISTICS [-](#) SOFTWARE STATISTICAL HELP

Map and Data Centre Hours

Monday - Friday
9:30 am - 4:00 pm

Saturday/Sunday
Closed

See the [hours](#) page for holiday hours.

Map and Data Centre Website

I'm looking for...

Microdata	Software
Statistics	Statistical help

Data or Statistics?

Statistics are derived from data. When deciding whether you need data or statistics ask yourself:

Do I need a fact or a number? (you likely need statistics)
Do I need to do analysis for my work? (you likely need data)

Data can be manipulated and analyzed while statistics are static and fixed.

There are two types of data; aggregate data and microdata. Aggregate data are statistical summaries organized in a specific data file structure that permits further computer analysis, that is, data processing. Microdata consist of the data directly observed or collected from a specific unit of observation.

Still confused? [Click here](#) for more in depth definitions of data terminology.

Licensing Information

Access to most data files are governed by license agreements between Western and the agency distributing the data. Typically, the

Contact



Map and Data Centre

[Email Me](#)

Contact: 

Social Media: 

Ask a Librarian



Ask
Chat is closed
Click to send an email

Data Sources

Canadian Data

- **odesi**
<odesi> collects social science data and polling data. <odesi> contains searchable survey questions and variables from thousands of datasets.
[Full description of <odesi>](#)
- **Statistics Canada Nesstar server**
Statistics Canada provides access to many of the microdata files released through the Data Liberation Initiative through their Nesstar server (the same software platform as <odesi>). Ultimately, all Statistics Canada microdata files should be available through this site. Currently, the site is password-protected: [contact us](#) for the login information and please include your UWO email address for us to reply to.

International Data

- **Inter-University Consortium for Political and Social Research**
ICPSR contains a data archive of over 500,000 research files related to the social sciences.
[Full description of ICPSR](#)
- **OECD iLibrary**
The Organization for Economic Cooperation and Development provides access to OECD databases, indicators, and statistical yearbooks.
[Full description of the OECD iLibrary](#)
- **Internet Crossroads in Social Science Data**
Provides annotated links to data-related social science resources.

Open Data Repositories

- **Registry of Research Data Repositories**
A global research data repository covering data from a wide variety of disciplines. Browsable by subject, content type, and country.

Citing Microdata

- **<odesi>**
This guide provides examples for citing both microdata and aggregate data accessed through

[START HERE](#) | [MICRODATA](#) | [STATISTICS](#) | [SOFTWARE](#) | [STATISTICAL HELP](#)

New on <odesi>

- ABC News Post-Election Poll #1, November 2000
- Federal Justice Statistics Program: Charges Filed Against Defendants in Criminal Cases in District Court -- Terminated, 2009
- ABC News/Washington Post Poll, March 1996
- Multiple Cause of Death Public Use Files, 2000-2002
- Eurobarometer 74.1: Poverty and Social Exclusion, Mobile Phone Use, Economic Crisis, and International Trade, August-September 2010
- Research on Minorities, [1981]: Race and Crime in Atlanta and Washington, DC

[Website](#) | [Feed](#)

<odesi>

Summary/description: Odesi (Ontario Data Documentation, Extraction Service and Infrastructure) collects social science data and polling data. Odesi contains searchable survey questions and variables from thousands of datasets. It contains both microdata and aggregate data in a variety of formats.

Coverage and scope: Odesi's core data comes from Statistics Canada with other data from the Canadian Opinion Research Archive (CORA), Canadian Gallup, and Ipsos Reid.

Subjects Covered:

Agriculture
Business and finance
Census of population
Communications and information
Consumer surveys
Crime and justice
Demographics and population
Education
Elections and politics
Geography
Government finances and economic indicators
Health
Labour and employment
Natural resources and environment
Public opinion polls
Social surveys
Trade
Travel

Help and Tutorials:

[Searching for Data](#)
[Downloading Data](#)
[Other tutorials](#)

Contact



[Map and Data Centre](#)

[Email Me](#)

Contact:



Social Media:



Data Sources

The screenshot shows the <odesi> website interface. At the top, there is a navigation bar with the <odesi> logo, a language selector for 'Français', and buttons for 'Browse', a search icon, and a menu icon. Below the navigation bar is a search section with a 'Find data:' label, a search input field, a location dropdown set to 'Anywhere', and a search button. There are also date range filters for 'Date' with 'Earliest' and 'Present' options. The 'Collections:' section is divided into 'All of <odesi>' and 'Additional Collections:'. The 'All of <odesi>' section includes checked items for 'Statistics Canada (Microdata)', 'Statistics Canada (Aggregate data)', 'Public Opinion Polls', and 'Other Data'. The 'Additional Collections:' section includes 'No Direct Download Available', 'Statistics Canada (Master File)', 'CORA', and 'ICPSR'. A 'Search' button is located below the collections. Below the search section is a 'Learning Tools' and 'About' section with links for 'Video Tutorials', 'User Guide', 'FAQ', 'About <odesi>', 'Who can Access it', and 'Terms of Use'. The 'New Data' section lists several data sources with their respective dates: 'ABC News Post-Election Poll #1, November 2000' (2016-03-02), 'Federal Justice Statistics Program: Charges Filed Against Defendants in Criminal Cases in District Court – Terminated, 2009' (2016-03-02), 'ABC News/Washington Post Poll, March 1996' (2016-03-02), 'Multiple Cause of Death Public Use Files, 2000-2002' (2016-04-02), 'Eurobarometer 74.1: Poverty and Social Exclusion, Mobile Phone Use, Economic Crisis, and International Trade, August-September 2010' (2016-03-02), 'Research on Minorities, [1981]: Race and Crime in Atlanta and Washington, DC' (2016-04-02), and 'Michigan Student Study: Opinions, Expectations, and Experiences of Undergraduate Students, 1980-1994' (2016-04-02).

- Social science and polling data
- Data from:
 - Statistics Canada
 - Canadian Opinion Research Archive
 - Canadian Gallup
 - Ipsos Reid

Statistical Sources

OFFSTATS

OFFSTATS - THE UNIVERSITY OF AUCKLAND LIBRARY

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Browse

Browse Statistics

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- [By Subject and Country](#)

OFFSTATS : Official Statistics on the Web

Start your search by browsing the categories linked on the left.

Recent Additions

- [International Debt Statistics](#)
- [Data and Statistics](#)
- [Statistics of film industry in Japan](#)
- [Compendium of UK statistics](#)
- [Demographic yearbook : Population datasets](#)
- [Comparative Parties Dataset](#)
- [Worldwide Governance Indicators \(WGI\)](#)

Copyright © The University of Auckland Library 2008 [disclaimer](#) [Administration](#)

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Cartographic Resources

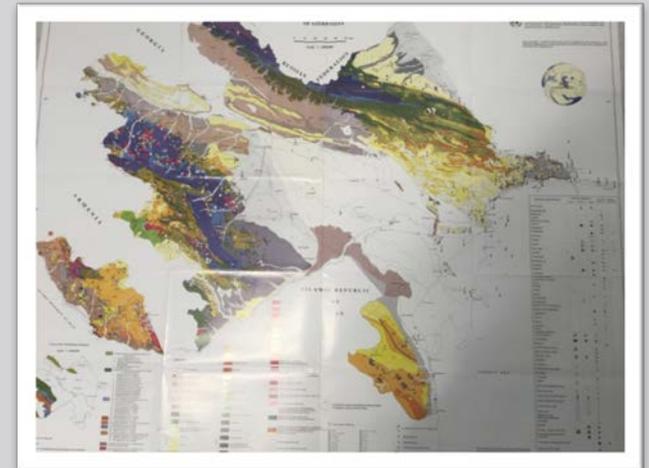
Cartographic Resources

- Sheet maps
- Topographic maps
- Historical maps
- Fire insurance plans
- Aerial photographs
- Atlases



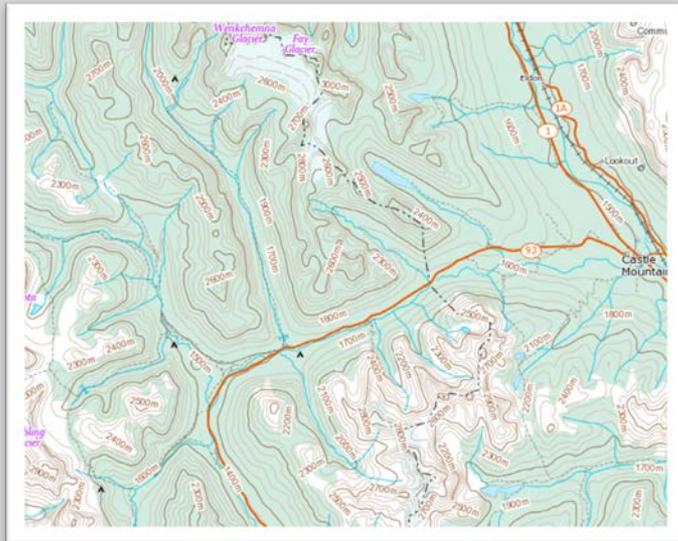
Sheet Maps

- Approximately 220,000 sheet maps
- Topographic, tourist, road, thematic, geological, soil maps and hydrographic charts
- Focus on maps of London, Ontario, and Canadian subjects
- Extensive international coverage



Topographic Maps

- Describe prominent physical and cultural features in a place or region
 - Includes elevation, political boundaries, water features, etc.
- [Searching for topographic maps](#)
- Complete coverage available for Canada
- At least some coverage available for most countries



Area near Banff, Alberta

Topographic Maps - Paper

■ Searchable in the library catalog

RECORD #

Map & Data Centre

Author Jamaica. National Land Agency. Surveys and Mapping Division, cartographer

Title Jamaica 1:50,000 [cartographic material] / prepared by the Surveys and Mapping Division of the National Land Agency

Edition Edition 2-SMD/NLA 2010.
Metric edition.

Publisher Kingston, Jamaica : National Land Agency, Surveys and Mapping Division, 2010
©2010.

Description Maps : color ; each 57 x 94 cm

Content Type cartographic image

Format sheet

Click on the following to:
[View graphic index](#)

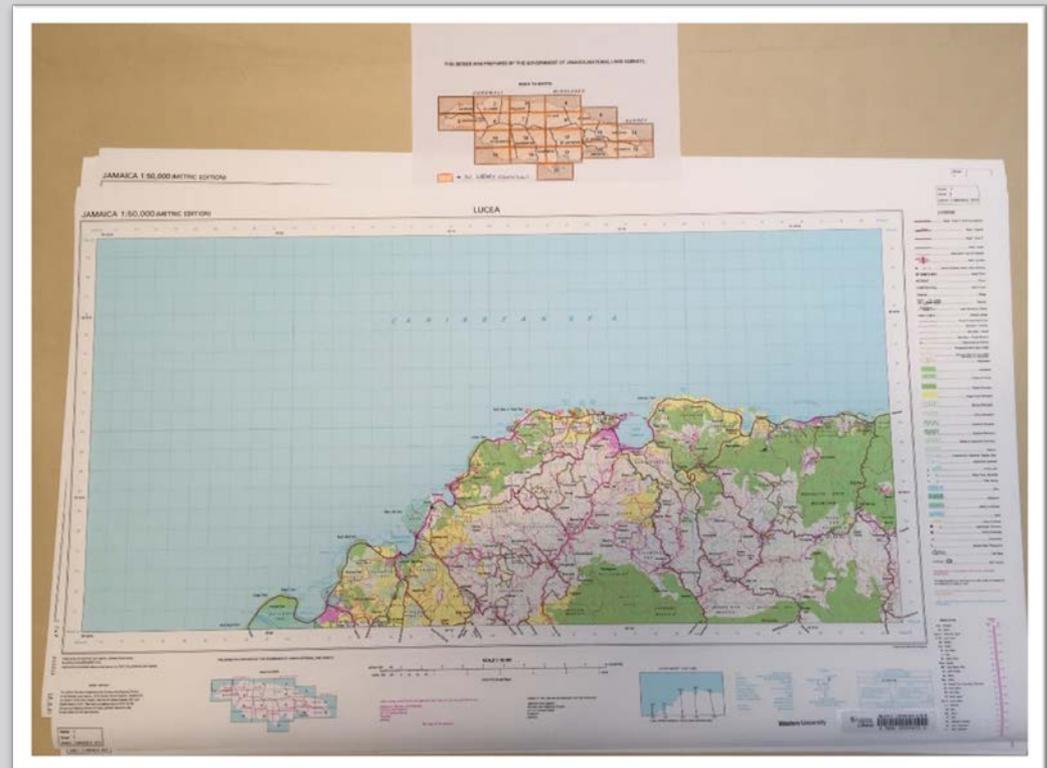
Location	Call Number	Currently
Map & Data Centre Map Cabinets	C66:D08	IN LIBRARY

Math Data Scale 1:50,000 ; Lambert Conformal Conic projection with one standard parallel (18°N).

Note Each numbered sheet has an individual title.
Includes graphic index on each sheet.
Relief shown by contours and spot heights.

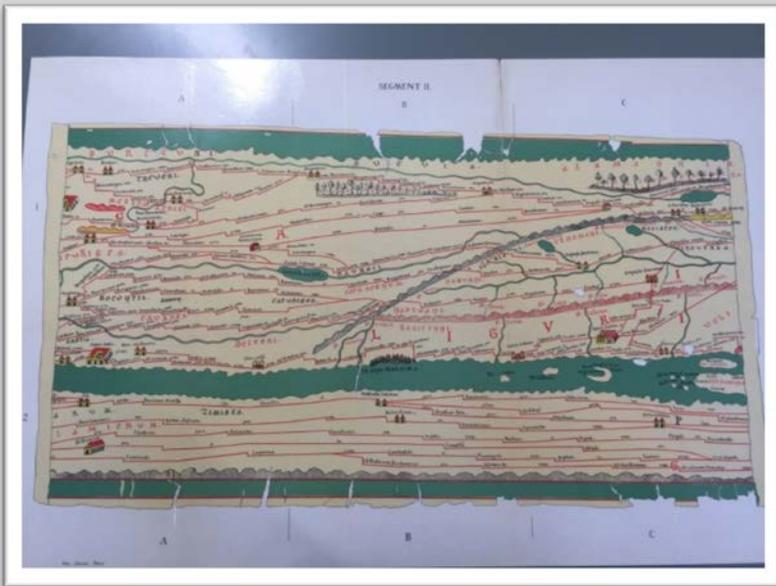
Summary Note Shows administrative boundaries, roads, railways, cultivated areas.
Grid: Jamaica metre grid.
Ellipsoid WGS84.
Plan Datum: Fort Charles Flagstaff.
Height Datum: mean sea level.
Geographic coverage complete in 20 sheets.
Includes sheets 1 to 20.

Subject Jamaica -- Maps.
[Permanent Link](#)



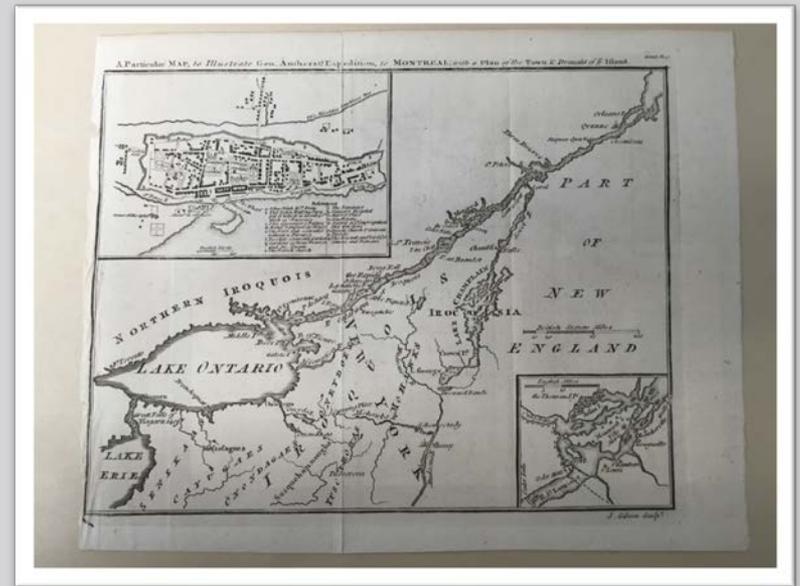
Historical Maps

- Reproductions/facsimiles



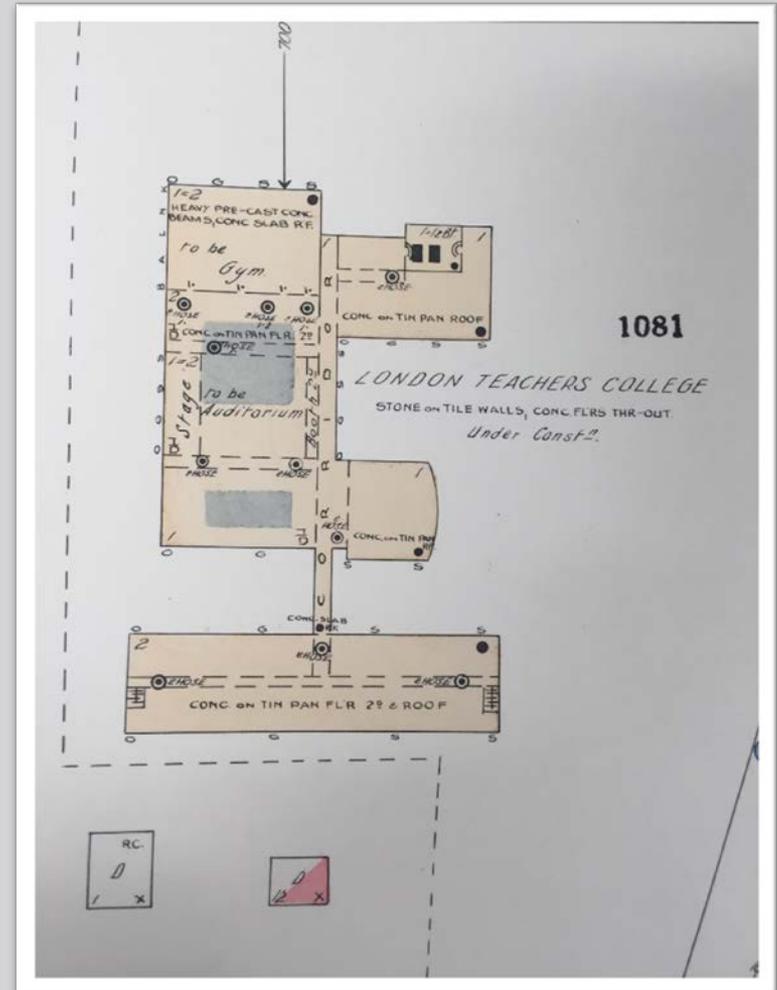
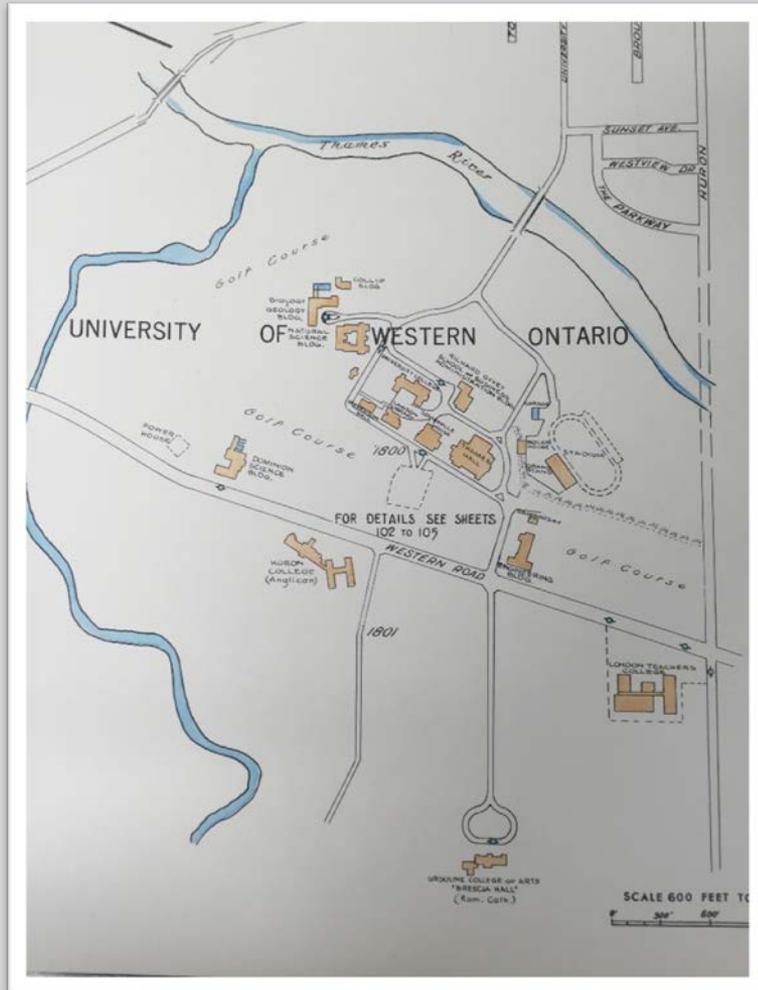
The Peutinger Map

- Original historical maps



A particular map, to illustrate Gen. Amherst's expedition to Montreal with a plan of the town & draught of ye island

Fire Insurance Plans



Fire Insurance Plans

- Western Libraries holds plans from 1878 to 1973
- 1000 volumes for 500 locations
- [Searching for fire insurance plans](#)



Fire insurance plan shelves in the
Map and Data Centre's shared room

Aerial Photographs

1922



1965



2014



Western and Sarnia Road from the air

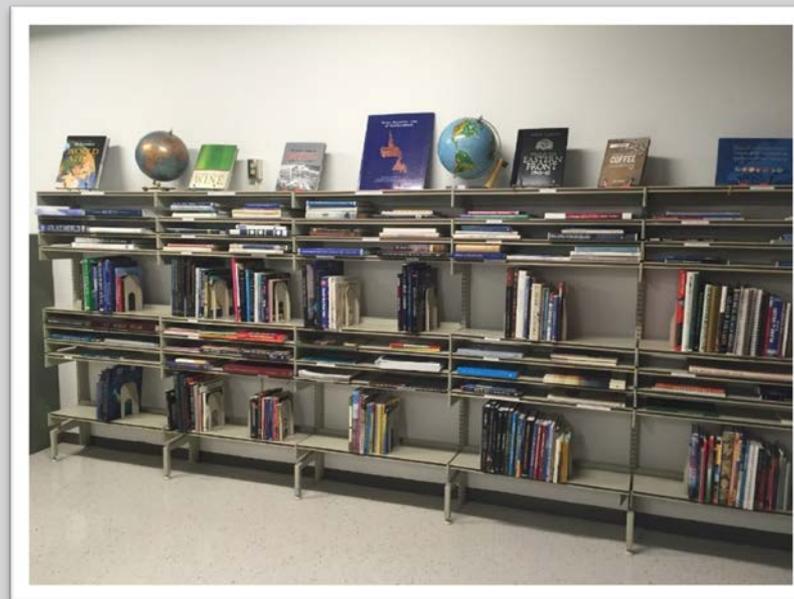
Aerial Photographs

- 60,000 photographs dating from 1922 to 2001 for London and southern Ontario
- [Searching for coverage](#)
- Digital and physical air photos



Atlases

- Over 2000 atlases for in library reference
- World, regional, national, provincial, state and thematic atlases on a wide variety of subjects
- [Searching for atlases - Ukraine](#)



Reflections on Working in Two Locations

Work in MDC affecting work in LIRM

- Understanding of what people want to know from the catalog record
- Better understanding of how to search the catalog and what information is available
- Understanding of how items make their way through LIRM
- Twitter series on how a map makes its way to the Map and Data Centre



Work in MDC affecting work in LIRM

- Case study: topographic series procedures and policies
 - No set policy on how all map series must be cataloged

TITLE republica de colombia
Map & Data Centre System Sorted Search

Show Available Items Only
Results Page Previous Next

Author Instituto Geográfico "Agustín Codazzi"

Title República de Colombia [cartographic material] : 1:500,000 mapa topográfico = Republic of Colombia 1:500,000 topographic map / República de Colombia Departamento Administrativo Nacional de Estadística Instituto Geográfico "Agustín Codazzi" Version 2007.

Edition [Colombia] República de Colombia Departamento Administrativo Nacional de Estadística Instituto Geográfico "Agustín Codazzi", 2007.

Publisher [Colombia] República de Colombia Departamento Administrativo Nacional de Estadística Instituto Geográfico "Agustín Codazzi", 2007.

Description Maps : color ; each 60 x 99 cm

Content Type cartographic image

Format sheet

Click on the following to:
View graphic index

Location	Call Number	Currently
Map & Data Centre Map Cabinets	C62.D01	IN LIBRARY

Report Problems Send via Text Message

Math Data Scale 1:500,000 ; Transverse Mercator projection.

Note Sheet 5-27 of Archipiélago de San Andrés, Providencia y Santa Catalina, and Isla Maipelo in scale 1:30,000.
Relief shown by shading and gradient tints.
Geographic coverage complete in 27 sheets.
Includes graphic index, abbreviations, and reference information.
Includes sheets 5-01 to 5-27.

Subject Colombia -- Maps.

VARIANT TI Republic of Colombia topographic map

Permanent Link

Results Page Previous Next

New Search Add to My Lists Mark Items MARC Display Back to Results Limit/Sort Search Search London Public Library

(Search History)

Author Instituti Gjeografik i Ushtrisë

Title Albania 1:50 000 [cartographic material] : Prepared and published by the Instituti Gjeografik i Ushtrisë (IGU) in collaboration with the National Imagery and Mapping Agency (NIMA). 3rd ed.

Edition 3rd ed.

Publisher Bethesda, MD : Instituti Gjeografik i Ushtrisë, National Imagery and Mapping Agency, 1998-2003.

Content Type cartographic image

Format sheet

Click on the following to:
View graphic index

Location	Call Number	Currently
Map & Data Centre Map Cabinets	C71.D10 Index	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Kanine - Sheet 2975 I	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Himare - Sheet 2975 II	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Vlore - Sheet 2975 IV	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Lushnje - Sheet 2976 I	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Fier - Sheet 2976 II	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Levan - Sheet 2976 III	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Seman - Sheet 2976 IV	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Tirane/Perendim - Sheet 2977 I	IN LIBRARY
Map & Data Centre Map Cabinets	C71.D10 Kavaje - Sheet 2977 II	IN LIBRARY

View additional copies or search for a specific volume/copy

Report Problems Send via Text Message

Math Data Scale 1:50 000 ; Universal Transverse Mercator projection. Series M7020.

Note Includes vegetation, hydro, detailed topographic features, 3 inset maps (Elevation guide, Adjacent sheets, Boundaries), place guide, glossary, and notes.

Clearing the Cataloging Backlog

Clearing the Backlog

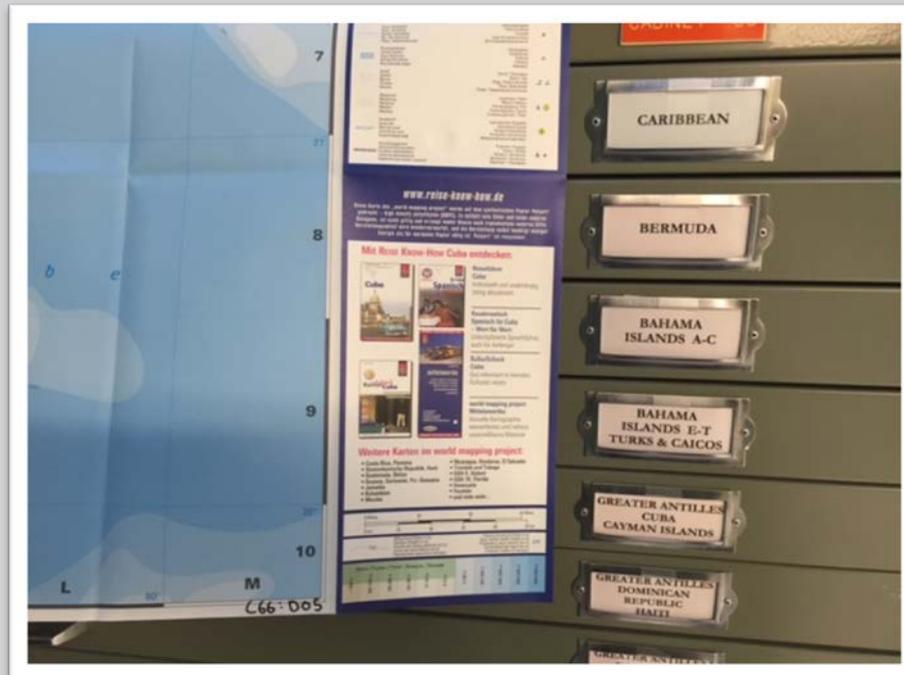
- Over 200 maps sitting in LIRM
- Maps ordered and received as early as 2013
- Cleared the backlog in February of 2016!



Integrating New Maps into the Collection

Integrating new maps into the collection

- Integrating new maps into the collection is a two step process:
 - Decide where to locate the map
 - Weed older material



Questions?

Thank you!