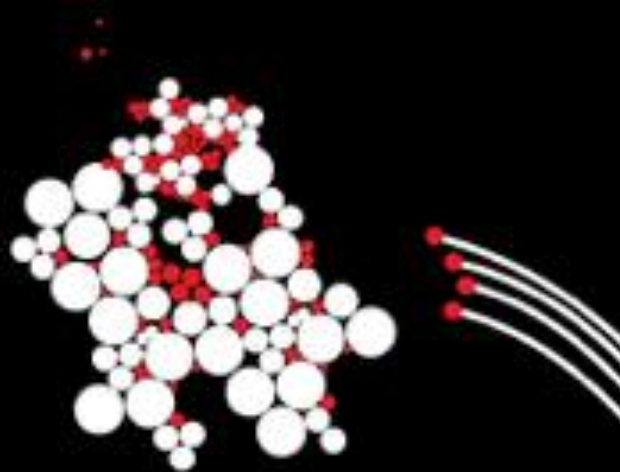


UNIVERSITY OF TWENTE.

Faculty of Geoinformation Science and Earth Observation



# Train the map makers, educate the map users

Menno-Jan Kraak



# Train the map makers, educate the map users

Yesterday

cartographers

users

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cartographers

users

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mapmakers

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Yesterday

cartographers

users

Today

cartographers

users

mapmakers

professionals

services

crowd

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Yesterday

cartographers

users

Today

cartographers

users

mapmakers

users

**Map maker**

# Train map maker

The cartographic workflow is a chain of many decisions which have far wider implications than realized





**Map user**

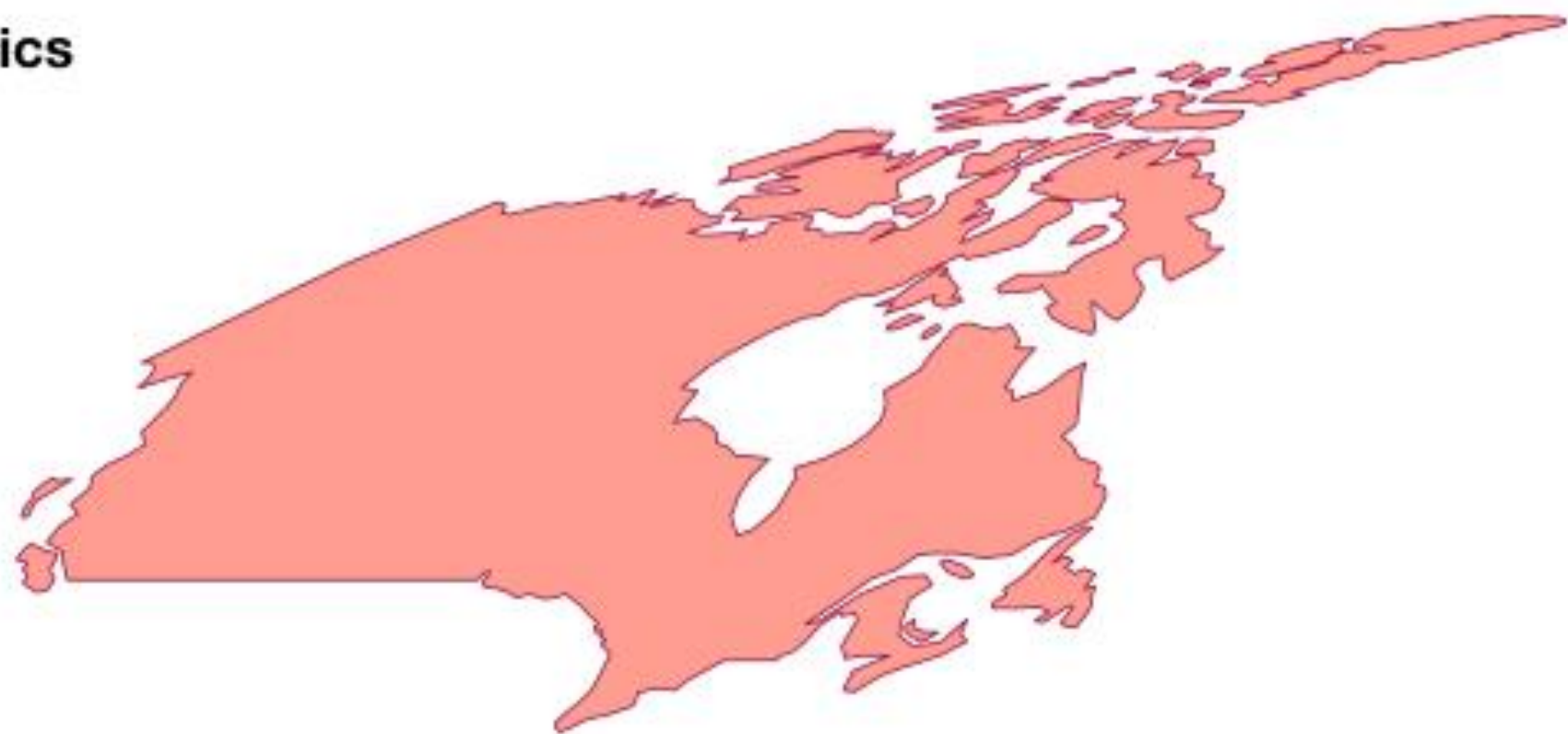
# Educate map user

**Does the user realize what they see?**

**Does the user need a local global perspective?**

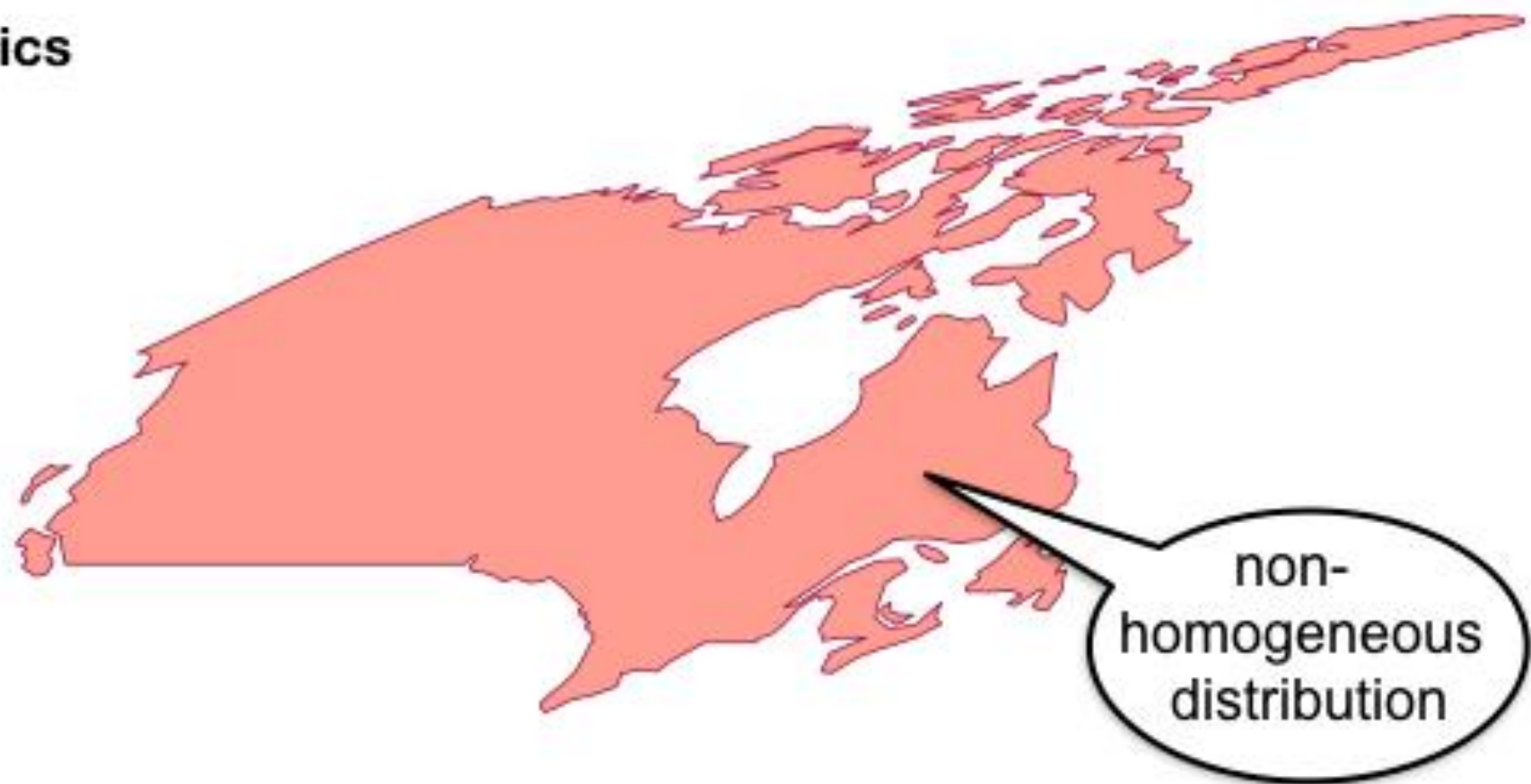
# Need for annotations and / or different based layer

Population related topics



# Need for annotations and / or different based layer

Population related topics



# Need for annotations and / or different based layer

Population related topics



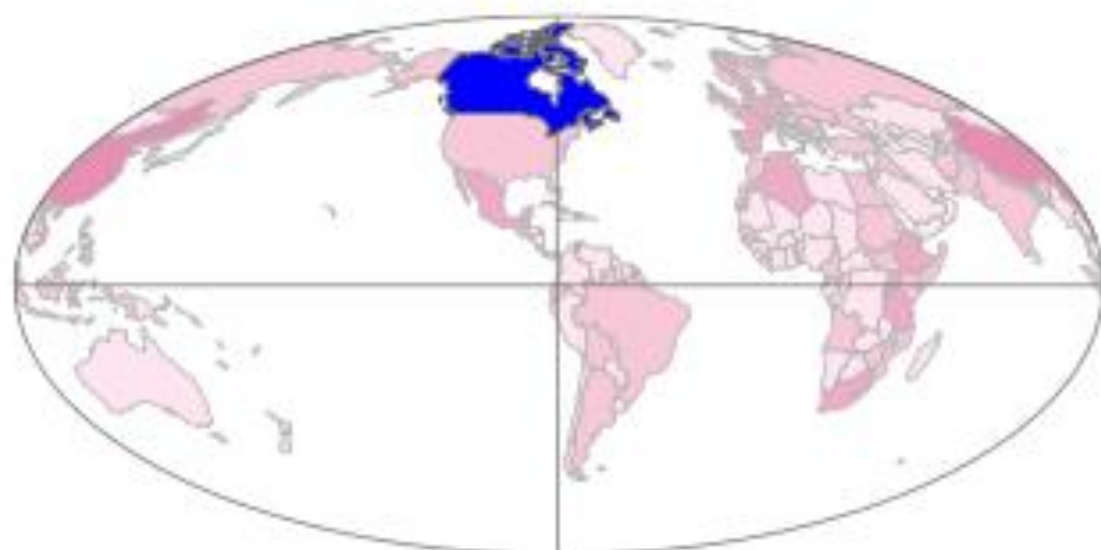
# Need for annotations and / or different based layer

Population related topics

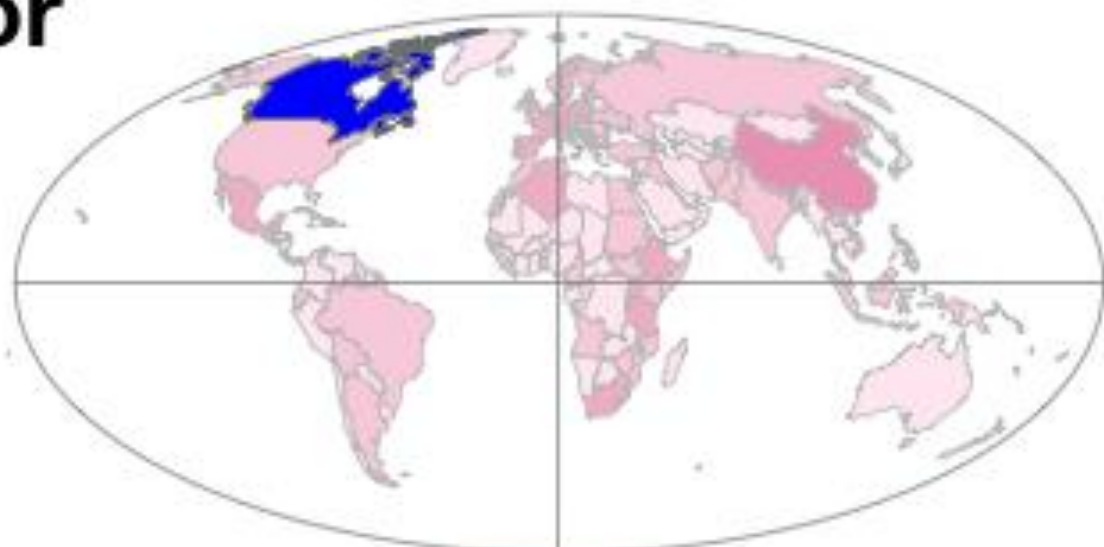




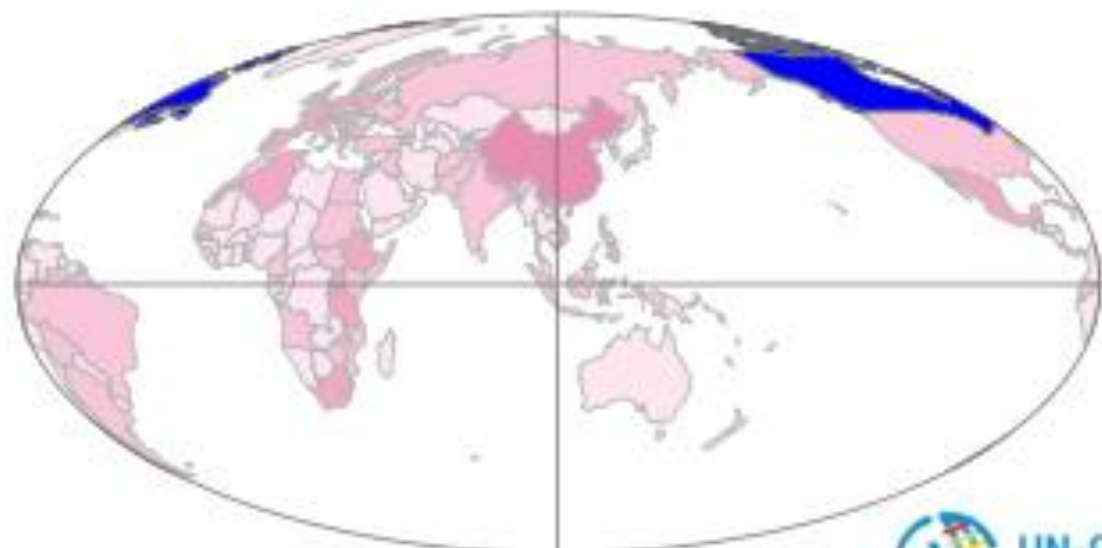
# 'Local' central meridian for global perspective



New York

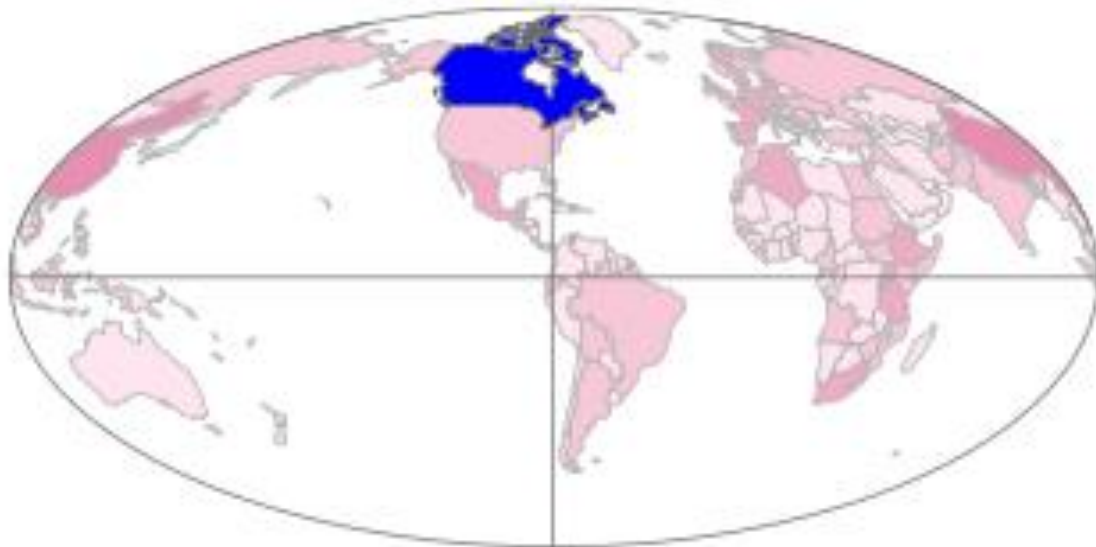


Enschede

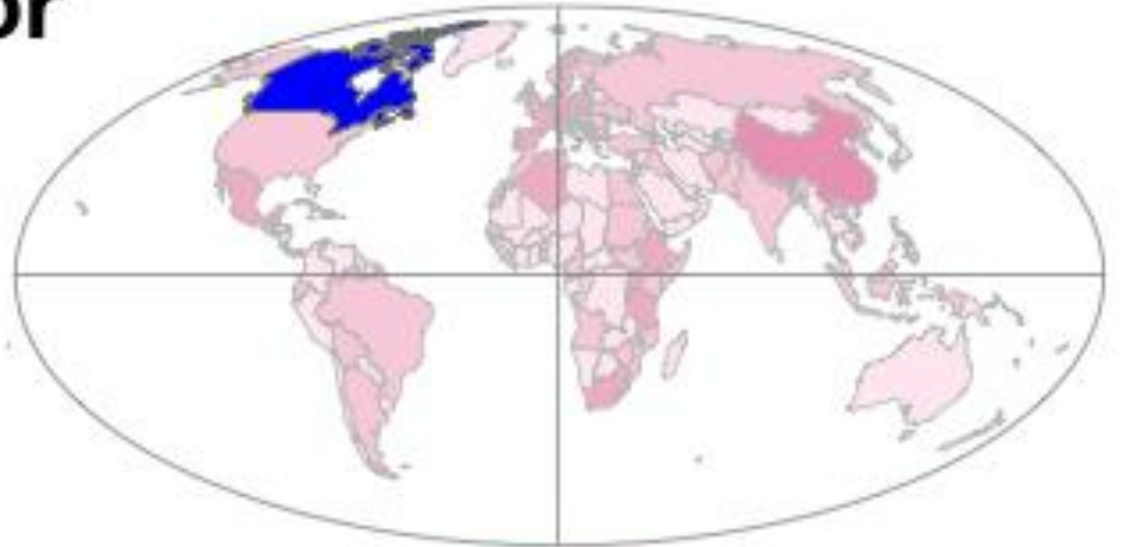


Xian

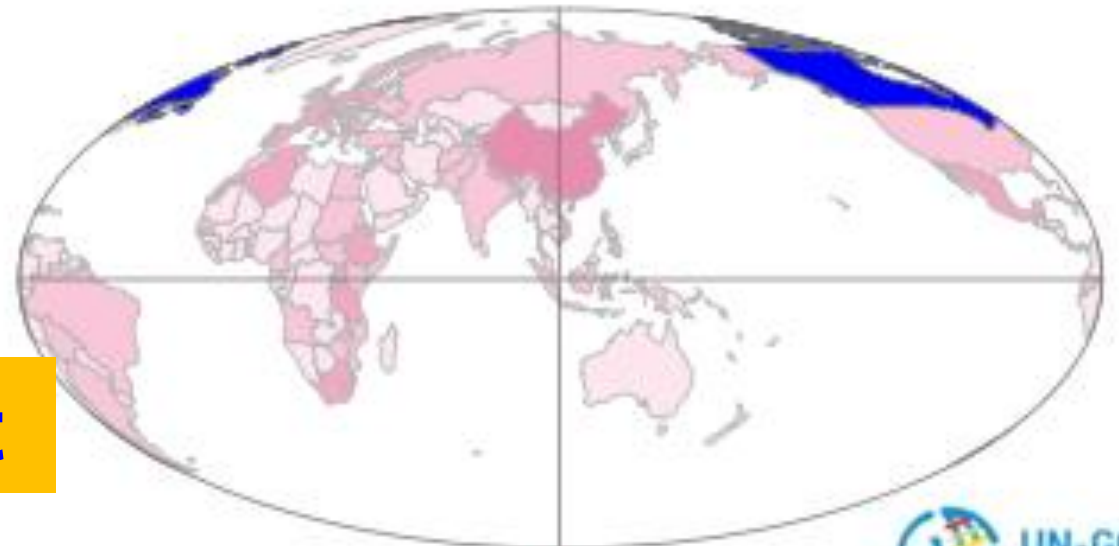
# 'Local' central meridian for global perspective



New York



Enschede



Xian

[https:// worldview.calisto.pt](https://worldview.calisto.pt)



# 'Local' point for global perspective



But what about comparing?





# Capacity building of old and new generations

**Train the map makers**

**Educate the map users**



Let's make the world a better place with maps