

# CARTOGIS SERVICES

Digital Scholarship, ANU Scholarly Information Services

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Australian  
National  
University

# Agenda

- 01 GIS & Training
- 02 Cartography
- 03 Asia-Pacific Map Collection



# CartoGIS Services



## Free services for all ANU staff and HDR students

- Production of **customised maps**
  - PhD quota of 4 visualisations per calendar year
  - Tailored for theses, journal articles, books, etc.
- Year-round **training and consultation** in ArcGIS Pro, ArcGIS Online, GIS Analysis, and Story Maps
  - Modular and self-paced courses
- **MapsOnline website** provides access to **700+ maps** produced by CartoGIS in .png and .svg formats
- Asia-Pacific Map Collection
  - 30,000+ published maps stored on campus
  - 6,000+ maps available from **ANU Open Research**



# CartoGIS Short Courses



## Want to learn Geographic Information Systems?

### GIS103: Introduction to Story Maps

- Explore this visualisation tool for communicating your research
- 4-week course, no prerequisites

### GIS104: Web Mapping in ArcGIS Online

- Learn to make web-based and interactive maps
- 2-day intensive course, knowledge of ArcGIS Pro preferred

### GIS400: Introduction to ArcGIS Pro

- Learn to make simple maps using ArcGIS Pro
- Self-paced ongoing course, no prerequisites

### GIS401: Introduction to GIS Analysis

- Use advanced GIS analysis techniques to help support your research
- 4-week course, knowledge of ArcGIS Pro essential



# Consultations and Advice



## Weekly Drop-in Sessions via Zoom

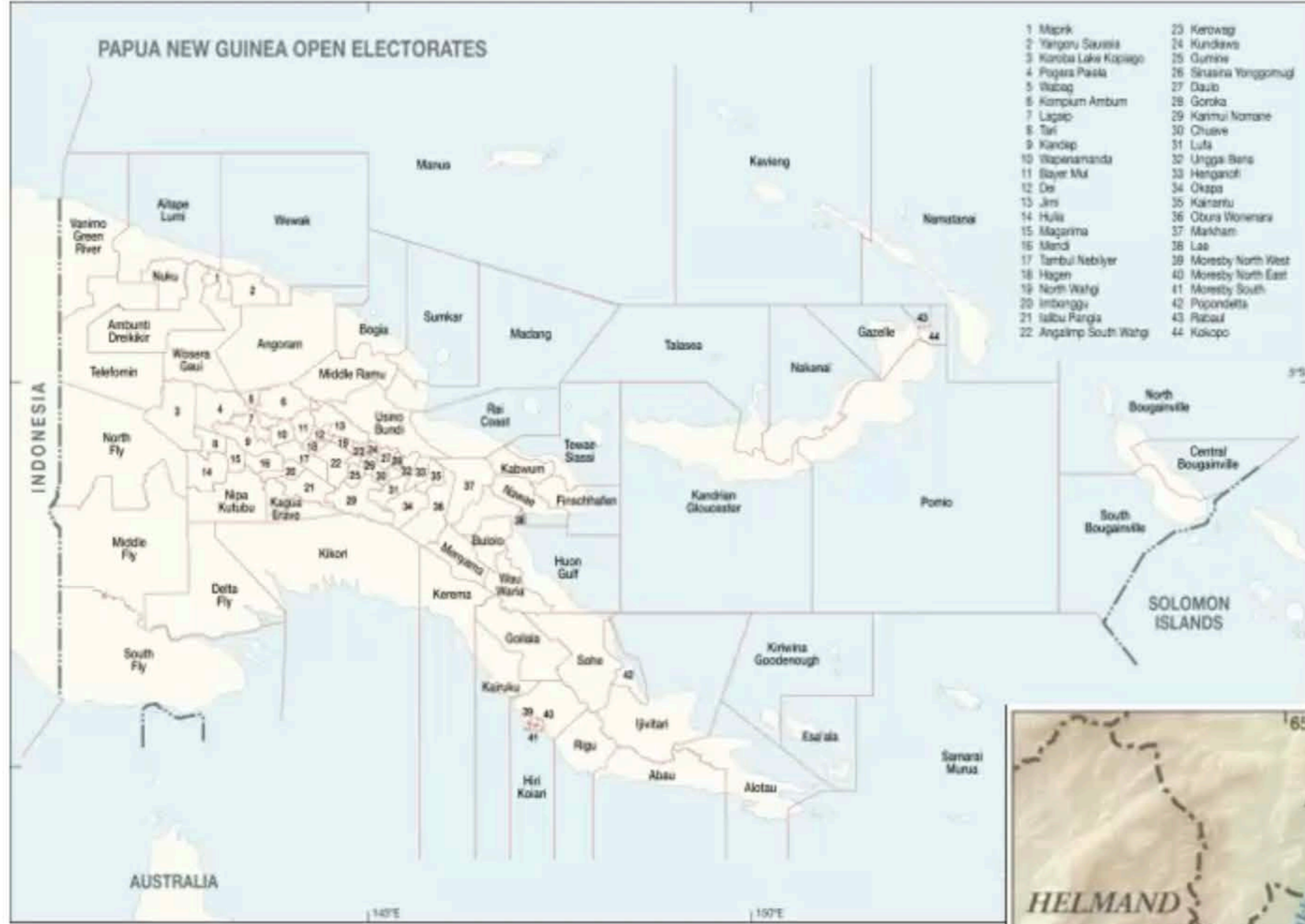
- **Every Thursday**, 2pm – 3pm
- Open for ALL ANU Staff, PhD and HDR students
- No need to book an appointment, just turn up!
- Advice on CartoGIS short courses, or GIS in general

## 1-on-1 Consultations

- Available Mondays, Wednesdays and Thursdays  
– Office or Zoom
- Discuss your project, and identify mapping requirements
- Tailored maps for publications
- GIS Advice

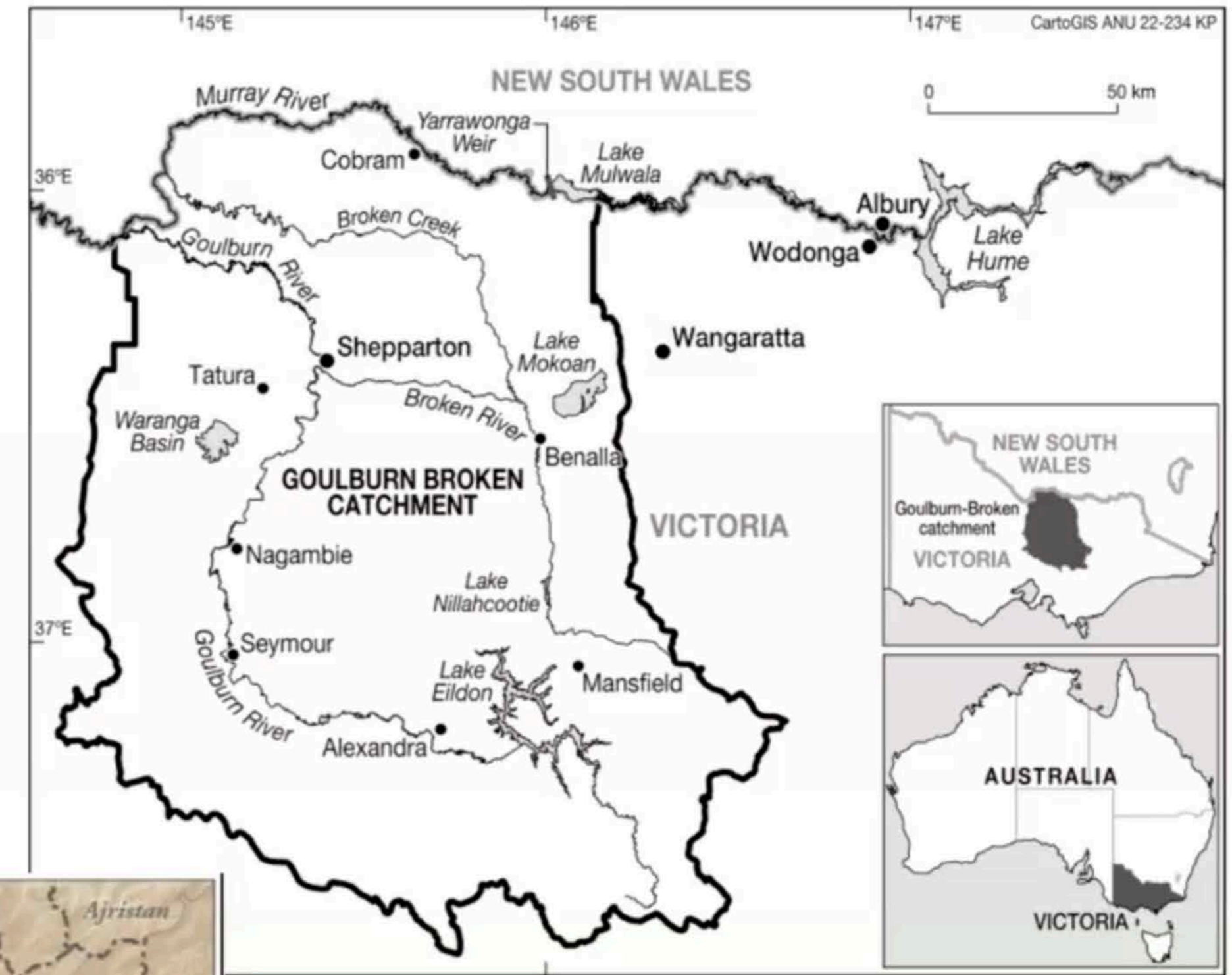
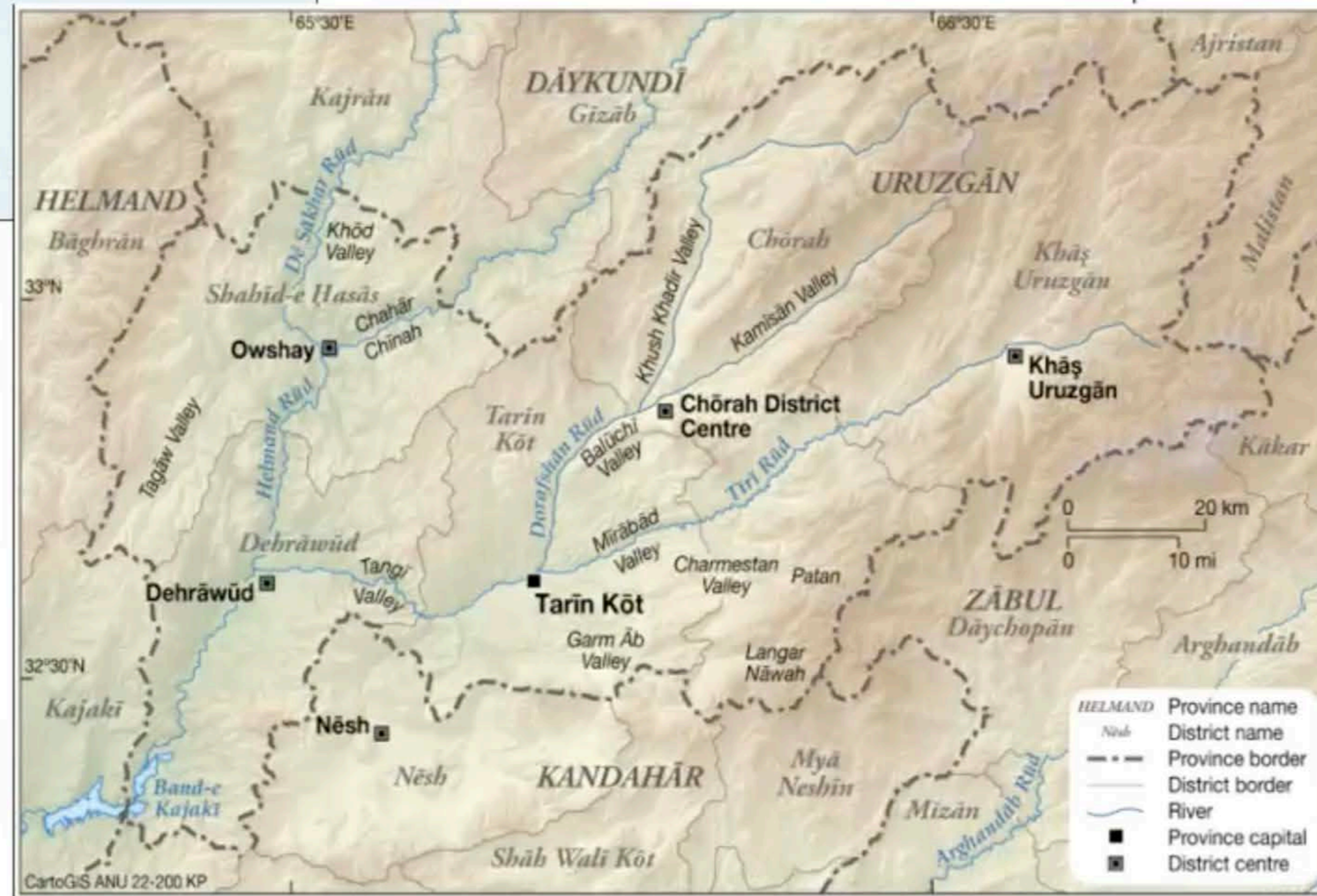


# In House customised maps



Papua New Guinea Open Electorates 2023

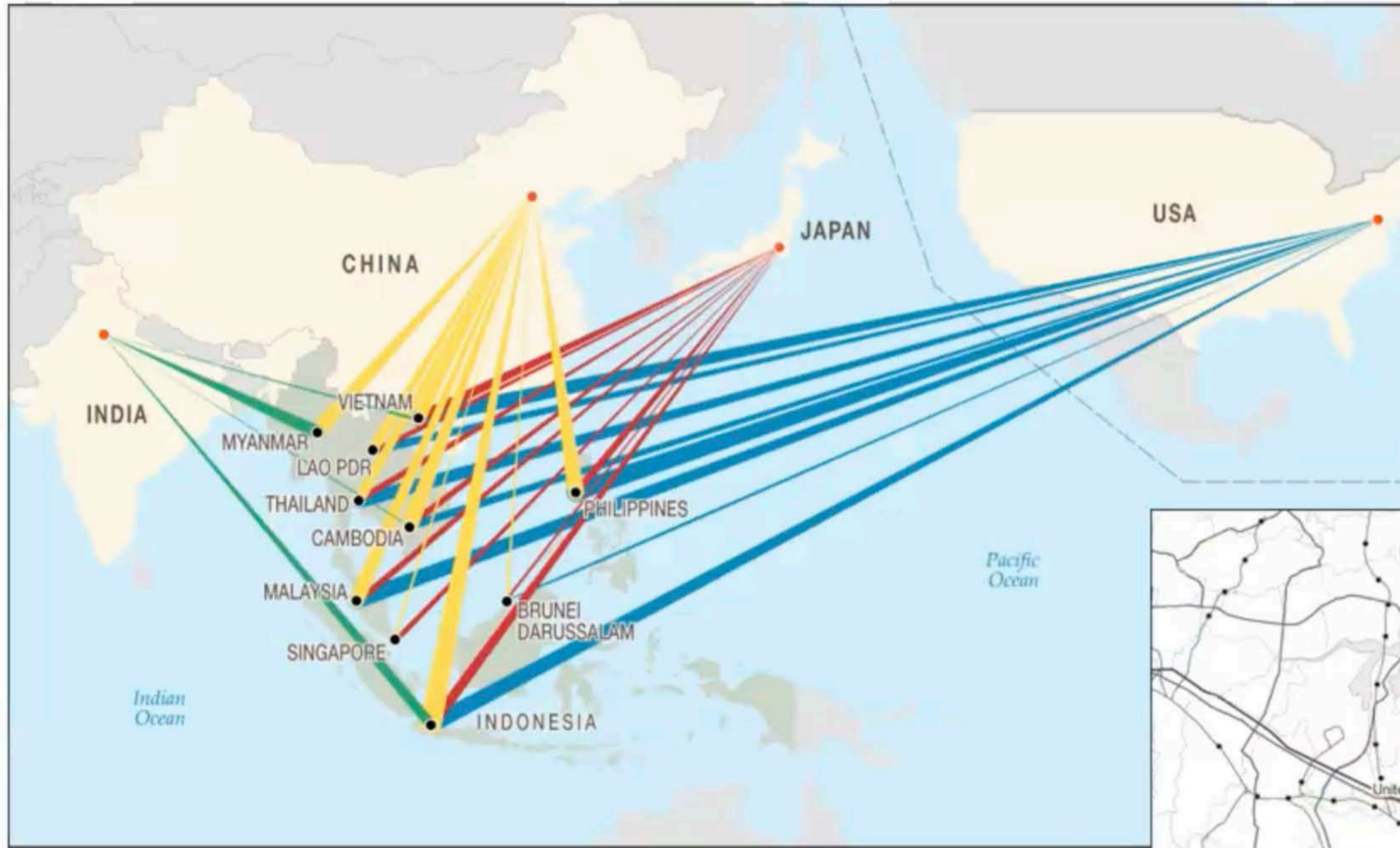
Uruzgan Province, Afghanistan



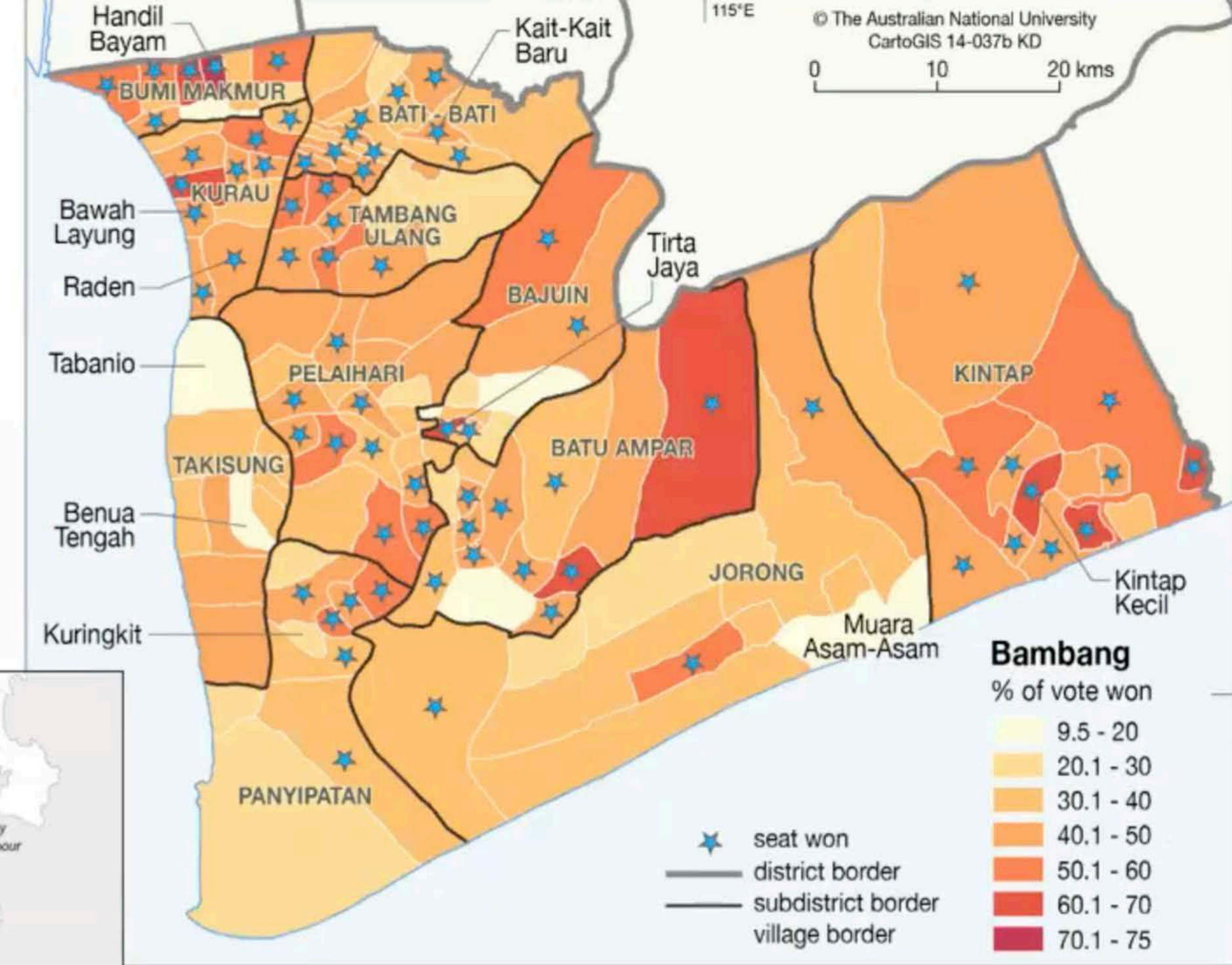
Goulburn Broken Catchment Area



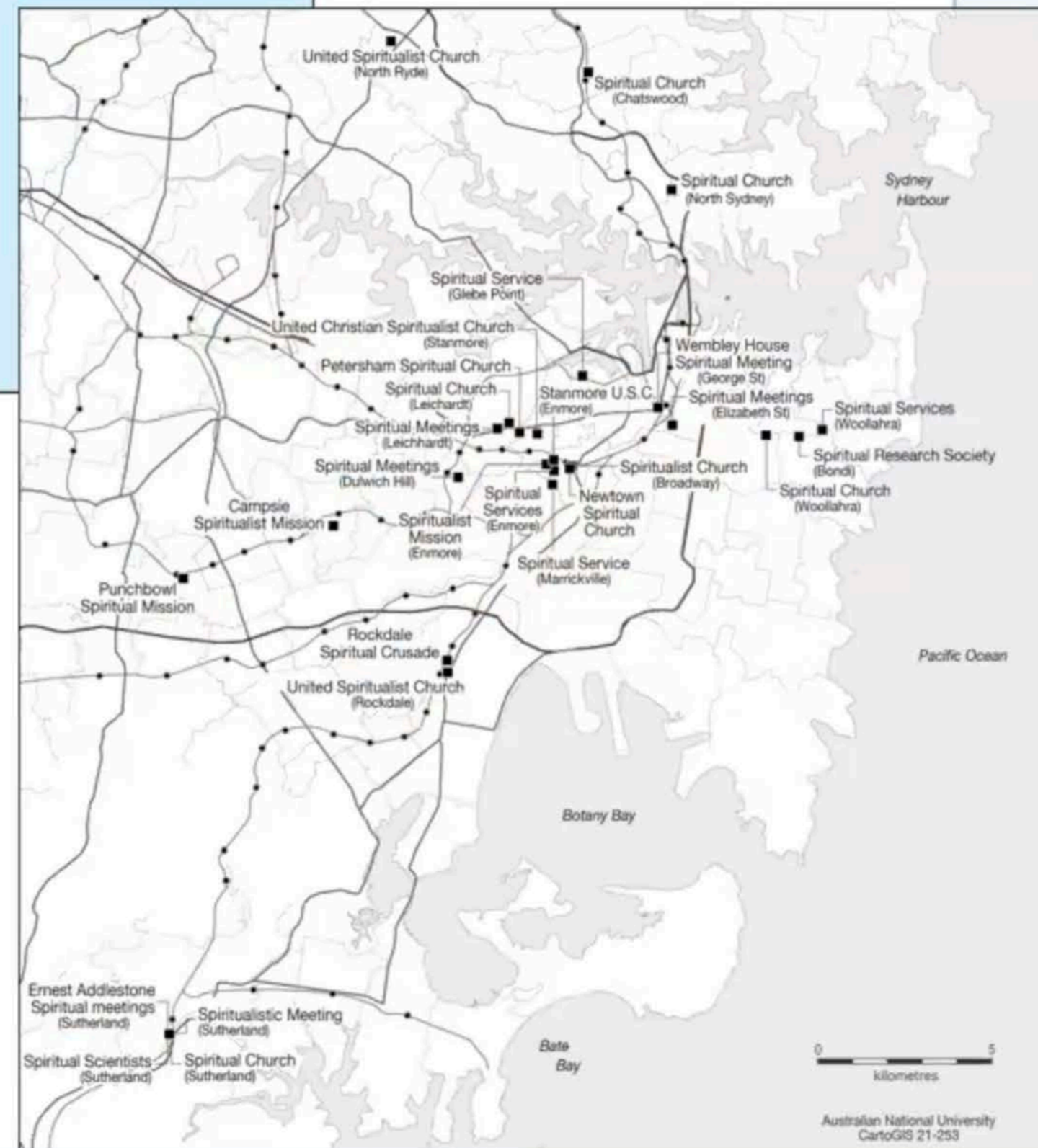
# In House customized maps



Stylized thematic map



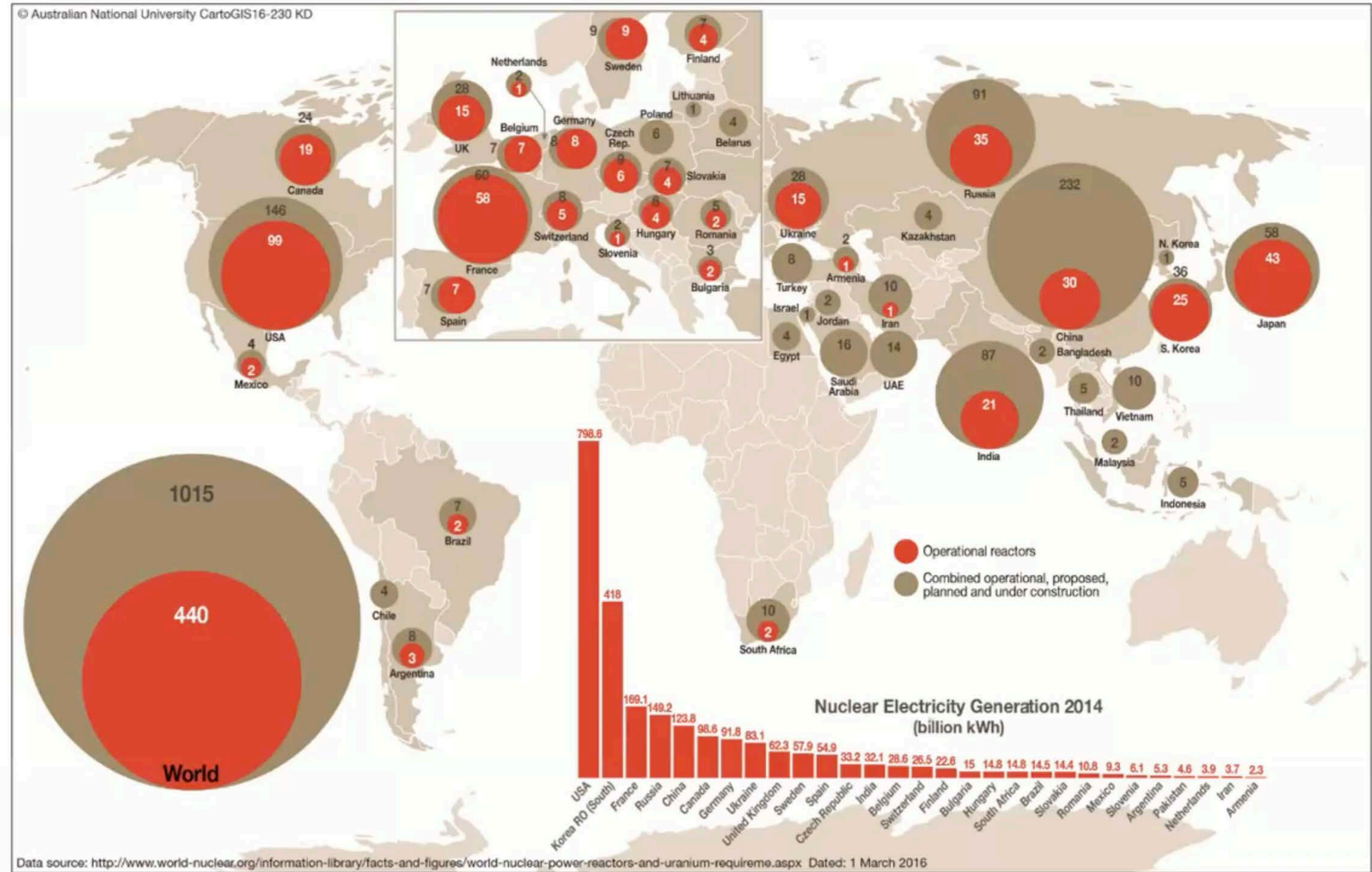
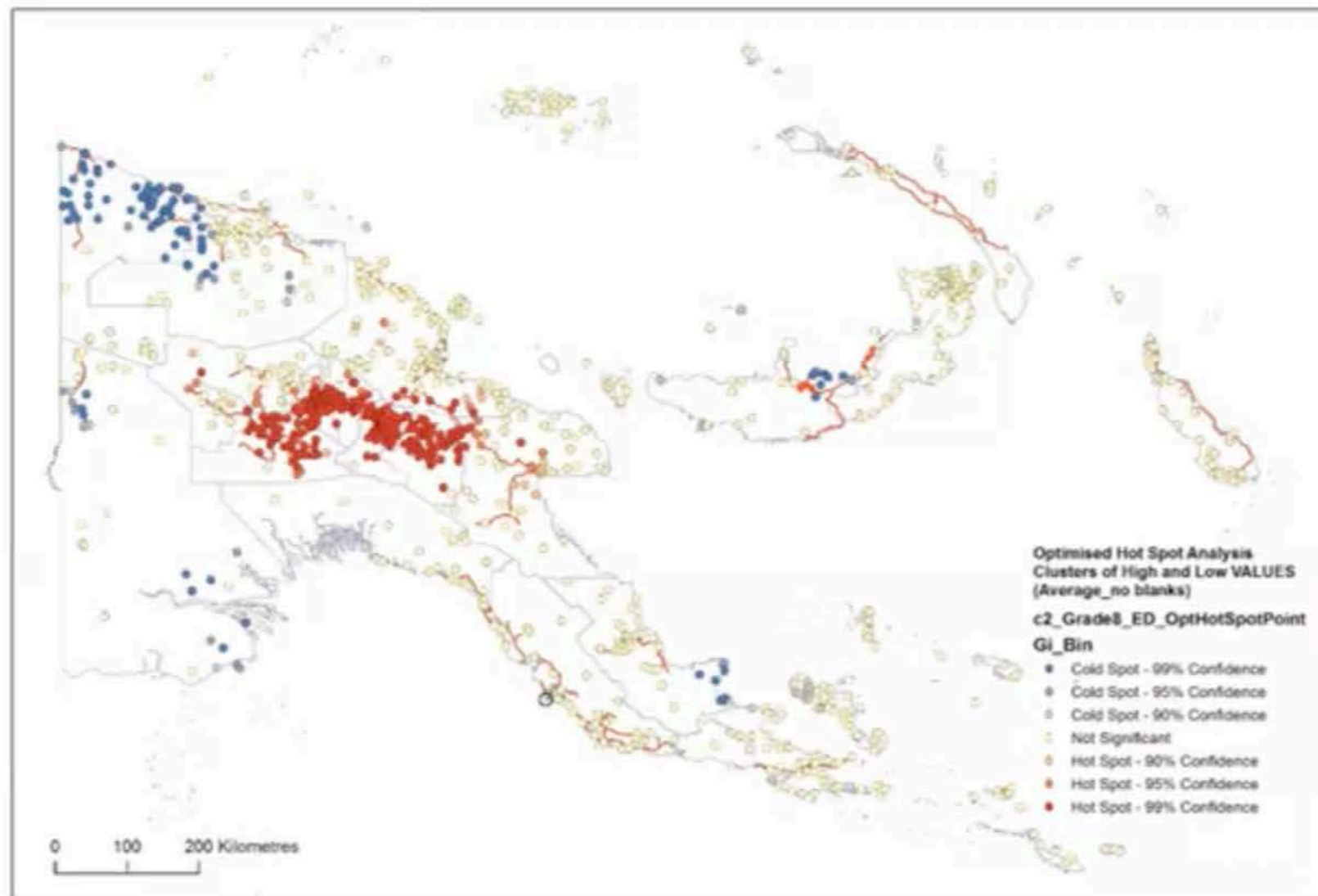
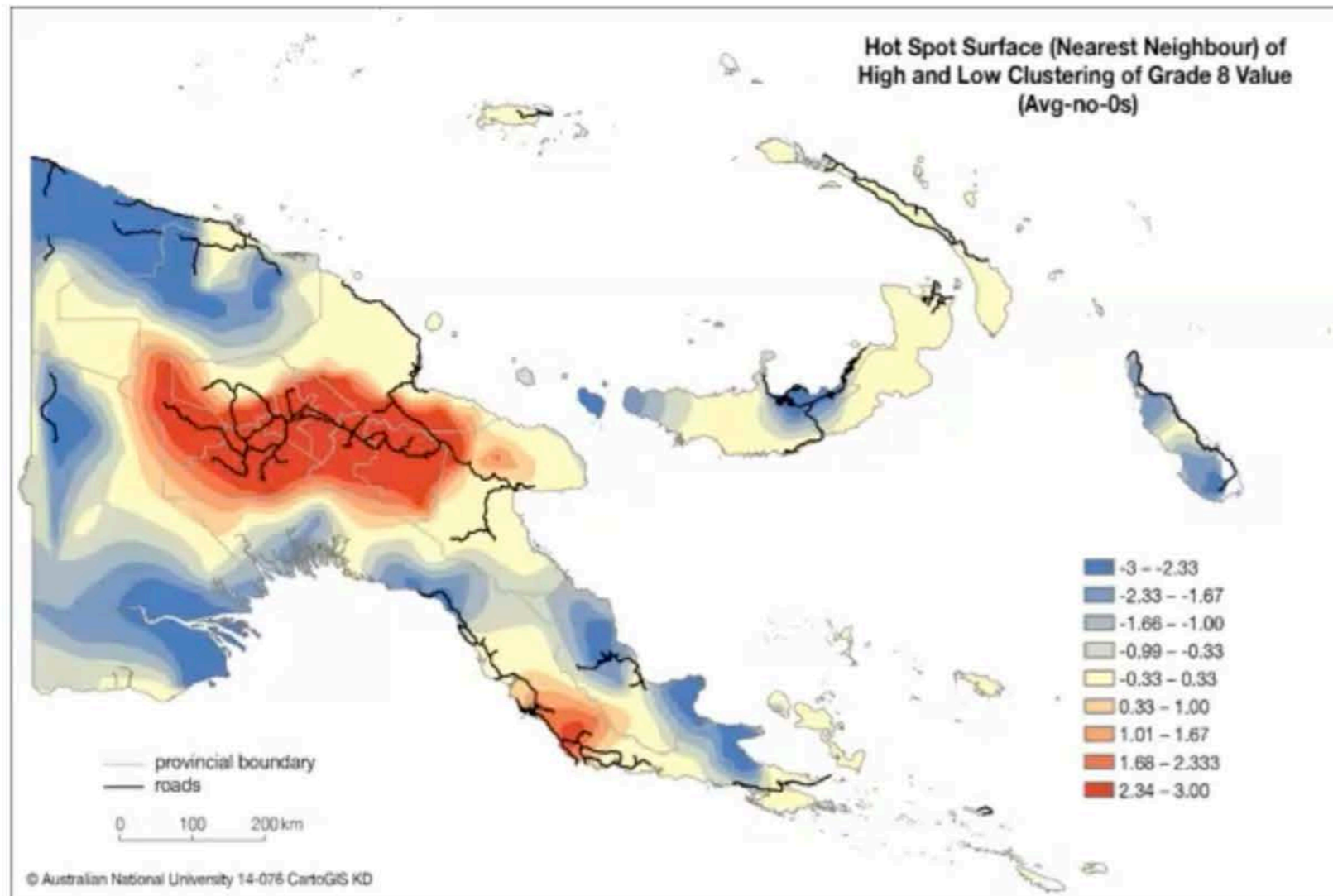
Choropleth map



General location map

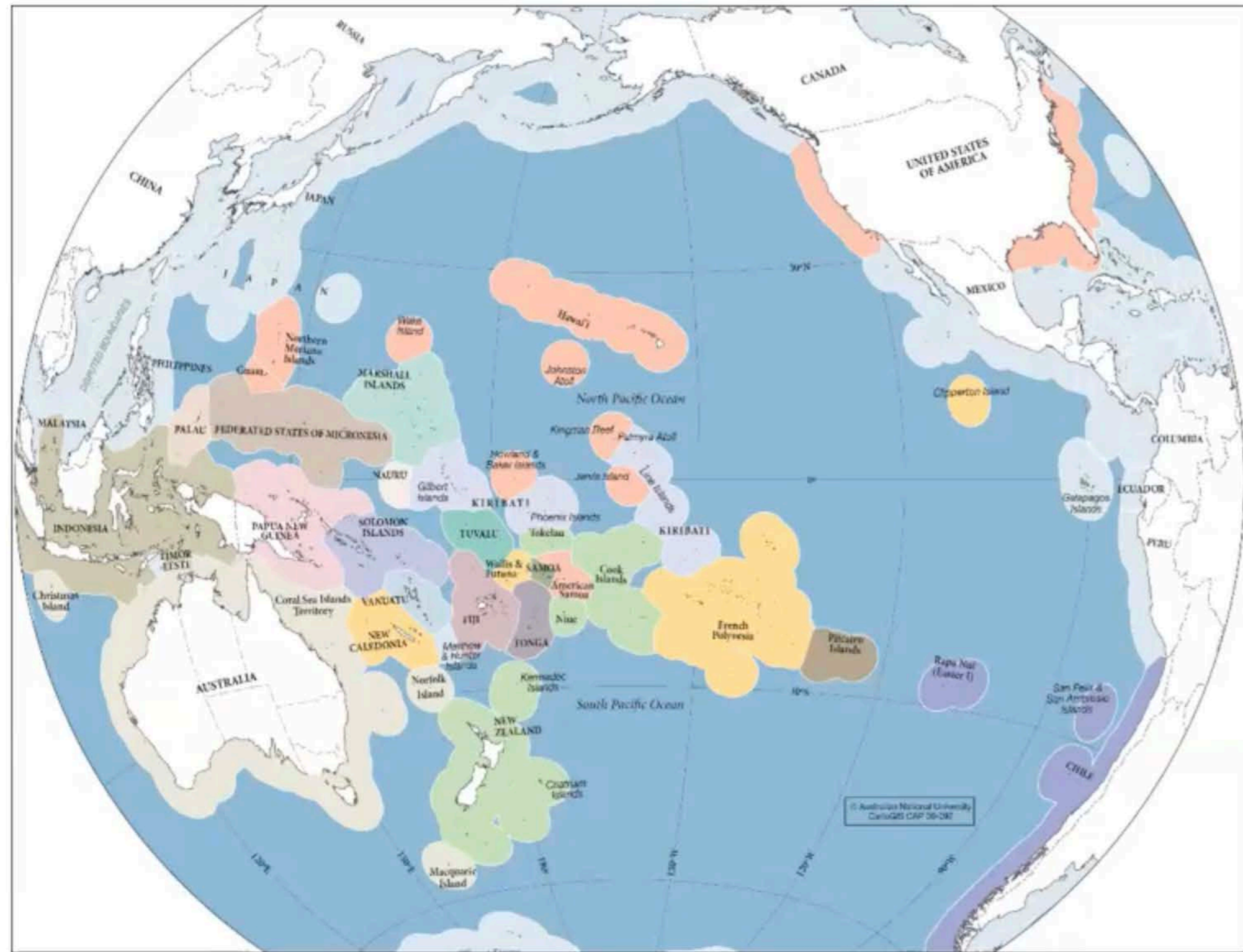


# In House customized maps





# Resources – MapsOnline



CartoGIS Services, SIS, ANU

Maps Online  
ANU College of Asia & the Pacific

**MAPS ONLINE**

- Home
- About us
- Search maps
- Feedback
- FAQ
- Related sites

**Search maps**

Tags

Per page 10 Sort Title A-Z Search

**Aboriginal Languages**

Language group areas located in the ACT.

Map on the northern end of the ACT showing elevation, district boundaries and capitals with location inset.

Map of the 2004 earthquake epicentre.

**REGION**

- Africa (11)
- Asia (6)
- Central Asia (3)
- East Asia (13)
- Europe (1)
- North America (2)
- Show more ▾

**COUNTRIES A-H**

- Afghanistan (3)
- American Samoa (4)
- Angola (1)
- Antigua and Barbuda (2)
- Australia (41)
- Bahamas (1)
- Show more ▾

**COUNTRIES I-Q**

- India (27)
- Indonesia (109)
- Iran (1)
- Iraq (6)
- Israel (3)
- Jamaica (2)
- Show more ▾

**COUNTRIES R-Z**

- Russia (3)
- Saint Kitts and Nevis (2)
- Saint Lucia (2)
- Saint Martin (1)
- Saint Vincent and Grenadines (2)
- Samoa (10)
- Show more ▾

**Admiralty Islands**

Manus and Lou islands showing major archaeological sites with inset of Lou, Pam Lin, Pam Mandian, Mouk and Baluan Islands.

Country: [Papua New Guinea](#)

**Afghanistan**

Colour relief map of Afghanistan showing provincial borders and names, disputed boundaries, major roads and rivers.

Country: [Afghanistan](#)

**Afghanistan & Pakistan**

Afghanistan, highlighting the provinces of Kandahar, Helmand, Oruzgan and Paktia and it's proximity to Pakistan, along with a selection of main towns.

online/base-maps/aboriginal-languages



# Resources – Asia-Pacific Map Collection

## 30,000+ physical maps

- Topographic, cadastral, aeronautical, bathymetric, thematic and tourist maps

## 12,000+ digital files

## 6,300+ available via Open Research

- Historic (1600 – 1900)
- Modern (up to 2000's)



## ANU Asia-Pacific Map Collection : [6327]

Search ANU Asia-Pacific Map Collection

Browse ANU Asia-Pacific Map Collection

Browse by: Issue Date

The Asia-Pacific Map Collection is made up of over 35,000 topographic, cadastral, aeronautical, bathymetric, thematic and tourist maps. The collection has special emphasis on Asia, Australia and the Pacific.

The majority of the maps on this site are out-of-copyright and available for download.

### Communities & Collections

ANU Historic Maps, Views and Plans featuring the Kessler Collection 119

- 17th Century (1600 - 1699) [5]
- 18th Century (1700 - 1799) [39]
- 19th Century (1800 - 1899) [75]

Asia 138

- Asia01 - Map Indexes [5]
- Asia02 - 1:1 250 000 [9]
- Asia03 - 1:1 500 000 [29]
- Asia04 - 1:4 350 000 [13]
- Asia05 - Southeast Asia - General [5]
- Asia06 - Indochina - 1:100 000 [46]
- Asia07 - Indochina - 1:400 000 [25]
- Asia08 - Indochina - 1:1 000 000 [4]
- Asia09 - Indochina - General [7]

Australia 365

- AUS01 - Australia [60]
- AUS02 - Australian Capital Territory [52]
- AUS03 - New South Wales [31]
- AUS04 - Northern Territory [15]
- AUS05 - Queensland [24]
- AUS06 - South Australia [5]
- AUS07 - Tasmania [20]
- AUS08 - Victoria [26]
- AUS09 - Western Australia [35]
- AUS10 - Australian Territories [11]
- AUS11 - Regional Areas [17]
- AUS12 - Mining [69]

Brunei 28

### RECENT SUBMISSIONS

Papua New Guinea INDEX, 1:100 000, Topographic Series T601, T683 and X611, 1969 - 2002

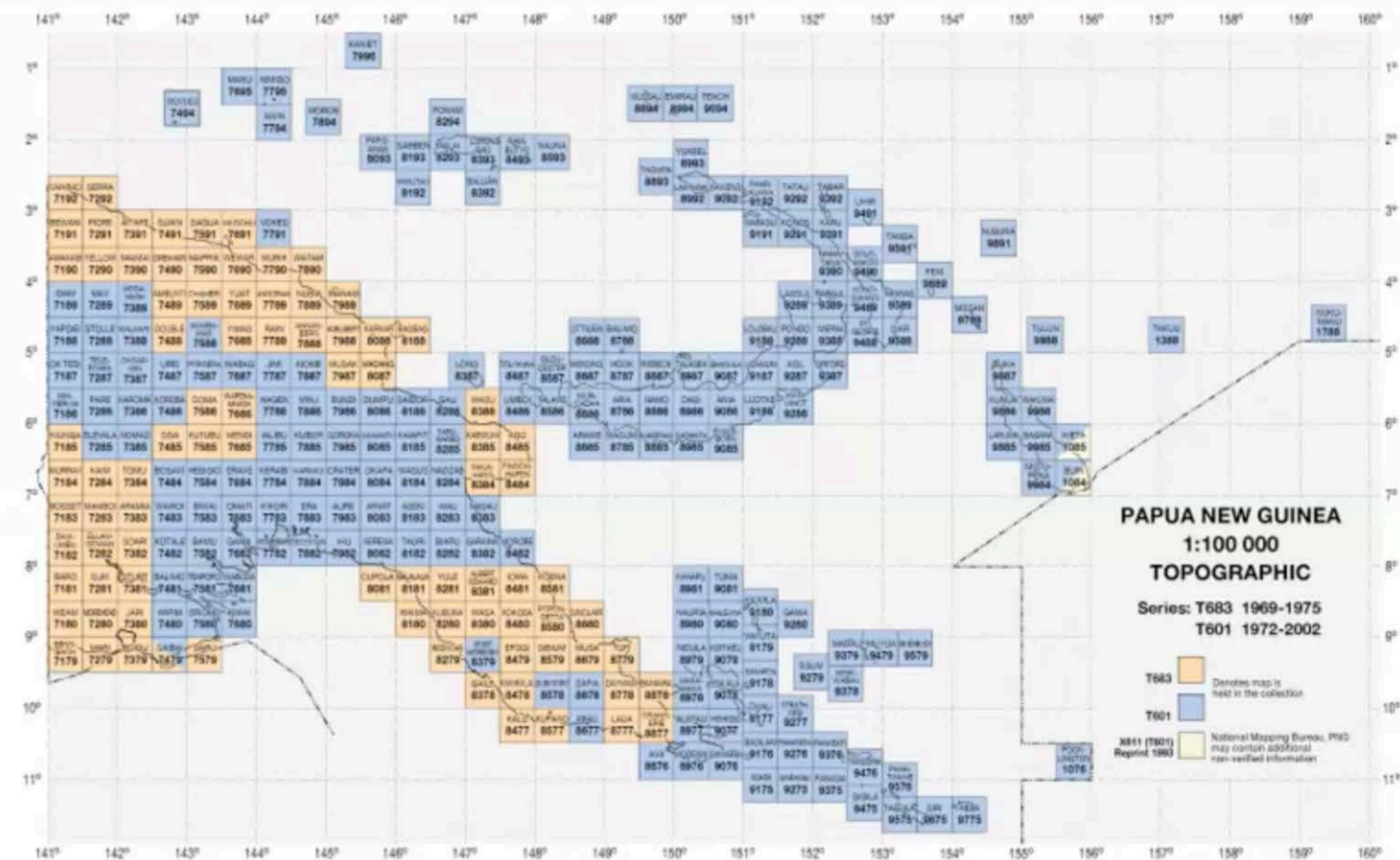
Papua New Guinea, Calvados, Survey Index 59, 1:250 000, 1973

Papua New Guinea, Rossel, Survey Index 60, 1:100 000, 1973

Papua New Guinea, Hamil of Biangai NE, Survey Index 38, 1:25 000, 1977

Papua New Guinea, Hamil of Biangai SE, Survey Index 38, 1:25 000, 1977

Statistics



# Recent Highlights

## Training

- 3 courses
- 73 unique enrolments
- 104 total enrolments

## Cartography

- Australian War Memorial Official History Project maps – Volumes I & IV

## Asia-Pacific Map Collection

- Relocation of the last of the hanging maps into map cabinets
- Resumption of the digitisation project for the University of the South Pacific, Fiji
- Receipt of 43 framed historic SE Asia maps & images to complete the Kessler Collection

