The International Cartographic Association and EuroSDR

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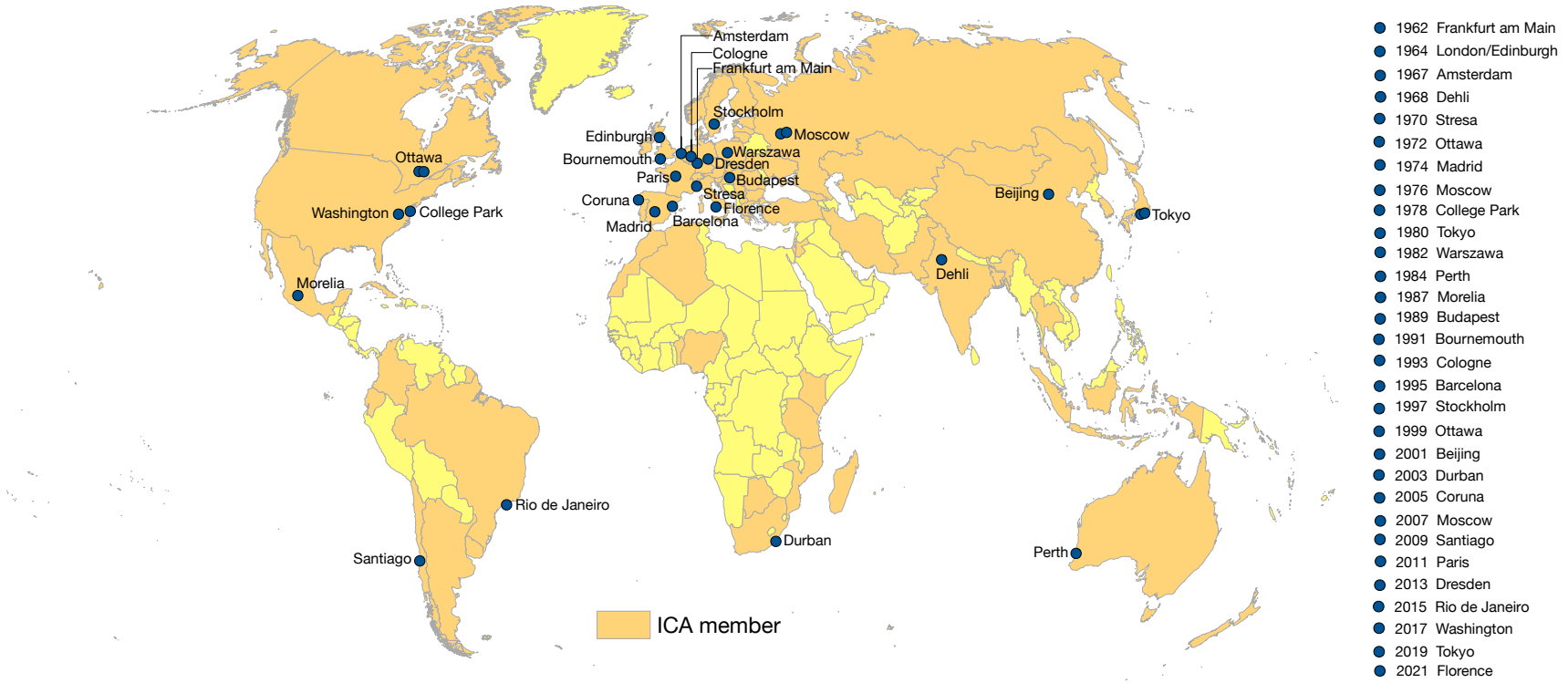
The International Cartographic Association and EuroSDR

- ICA as organization
- ICA at work: current focus

- Cooperation with EuroSDR

Organization

ICA's Members and International Cartographic Conferences



- 1962 Frankfurt am Main
- 1964 London/Edinburgh
- 1967 Amsterdam
- 1968 Dehli
- 1970 Stresa
- 1972 Ottawa
- 1974 Madrid
- 1976 Moscow
- 1978 College Park
- 1980 Tokyo
- 1982 Warszawa
- 1984 Perth
- 1987 Morelia
- 1989 Budapest
- 1991 Bournemouth
- 1993 Cologne
- 1995 Barcelona
- 1997 Stockholm
- 1999 Ottawa
- 2001 Beijing
- 2003 Durban
- 2005 Coruna
- 2007 Moscow
- 2009 Santiago
- 2011 Paris
- 2013 Dresden
- 2015 Rio de Janeiro
- 2017 Washington
- 2019 Tokyo
- 2021 Florence

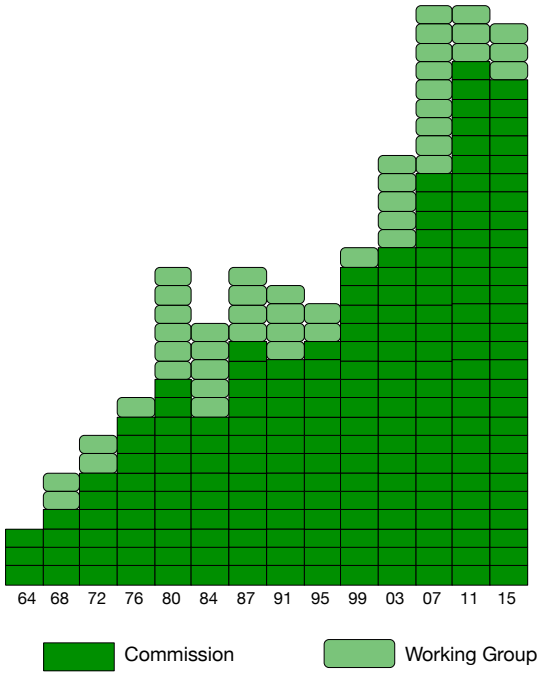
The Commissions and Working Groups over time

Commission are proposed and elected by General Assembly

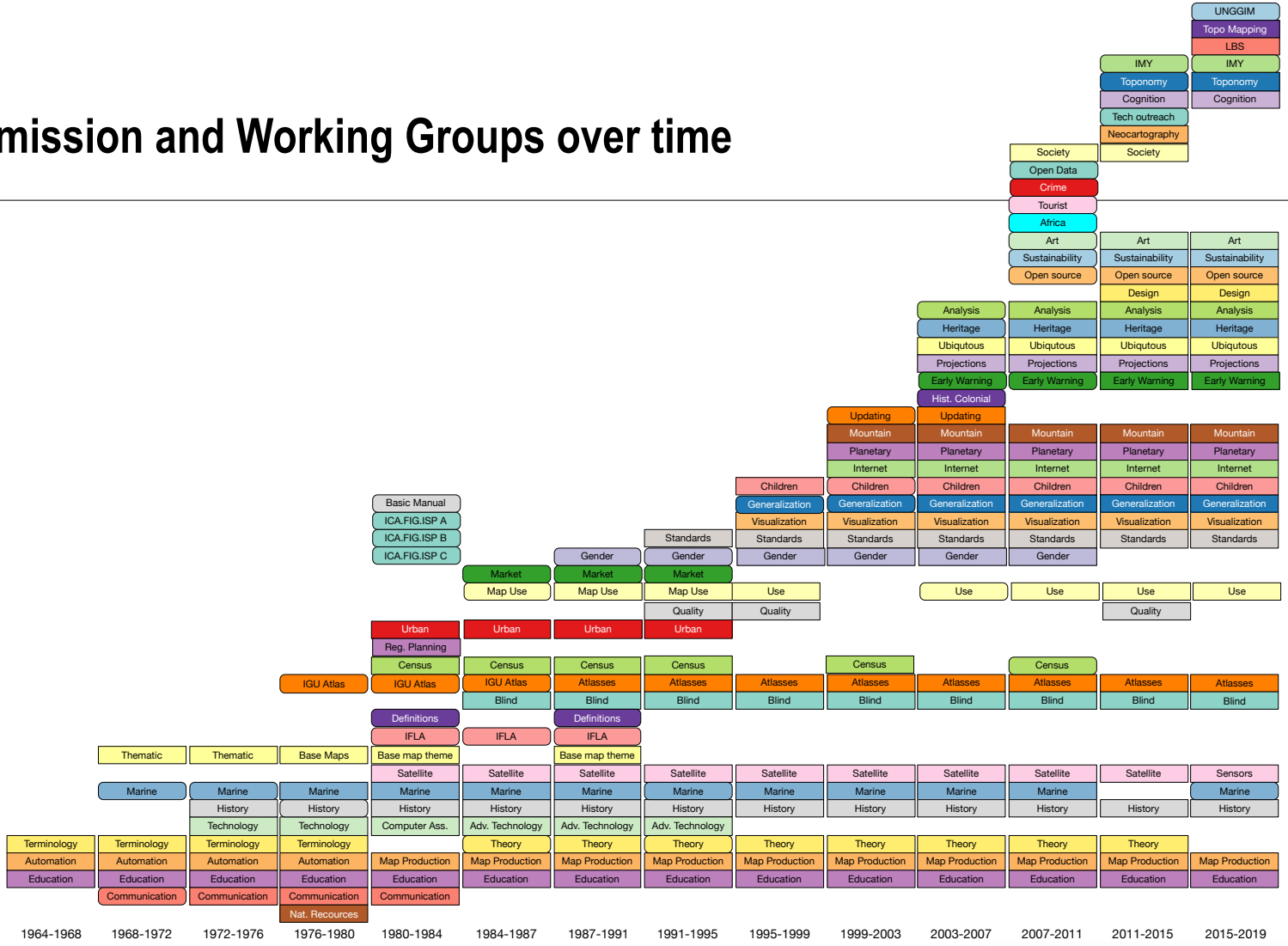
- Commissions are core to ICA's success
- Commissions follow their ToR to reach ICA's objectives
- Commissions act globally
- Commissions might execute specific ICA tasks incorporated in their ToR

Working Groups are installed by EC and focus on topic

- IYM; BoK, SDGs



Commission and Working Groups over time



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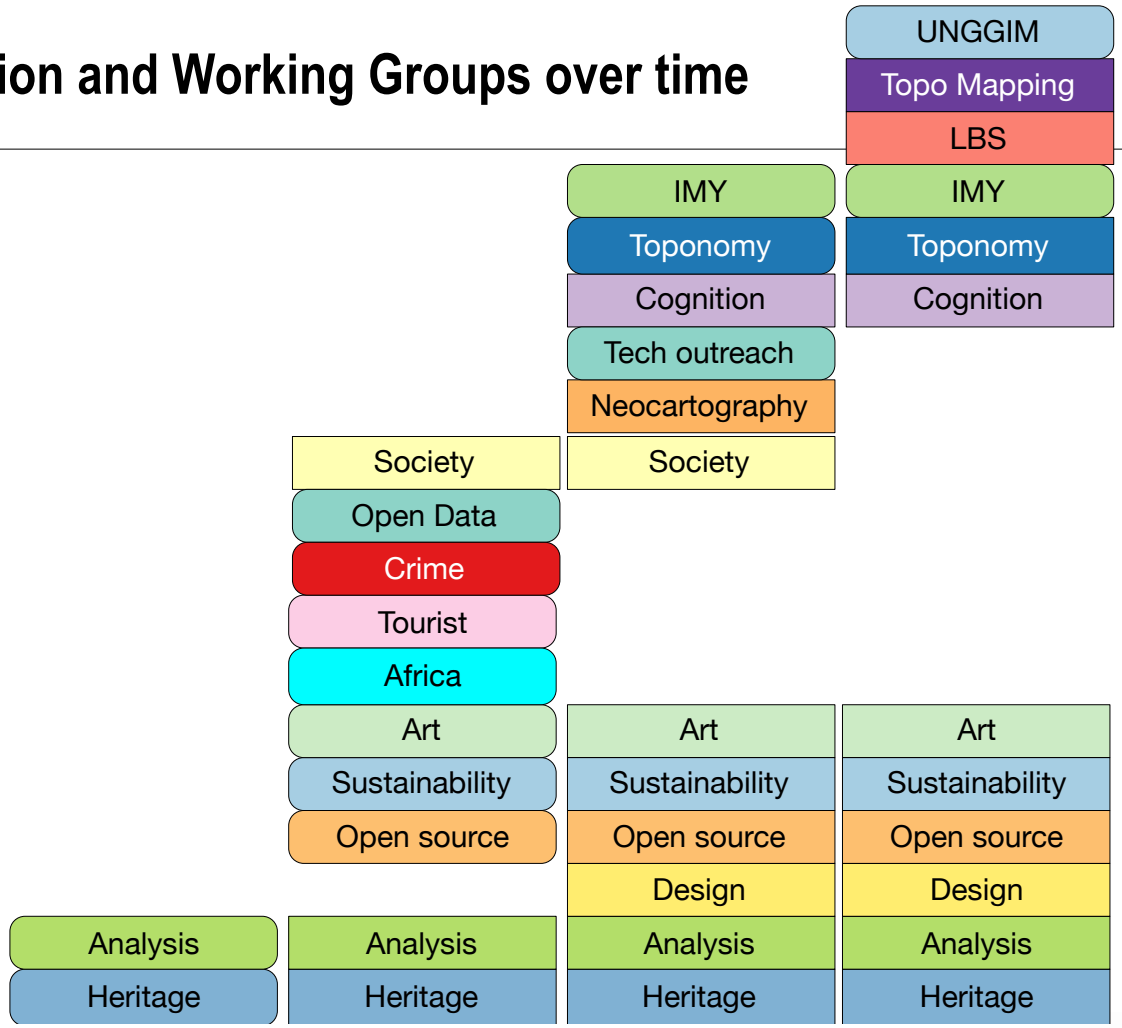
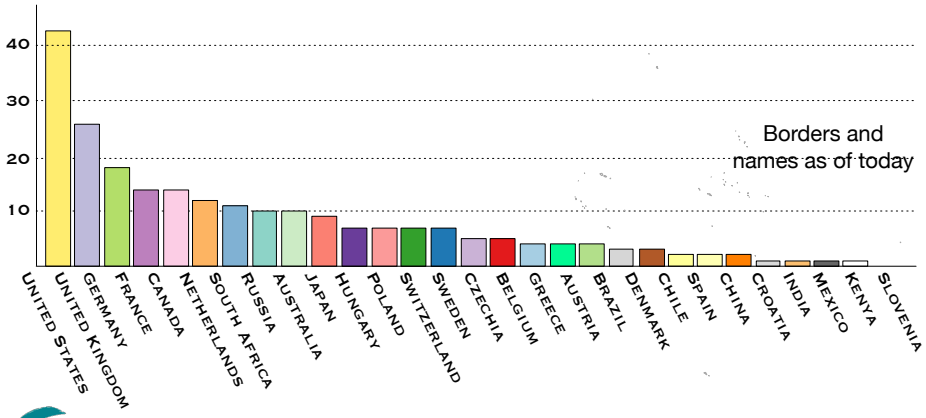
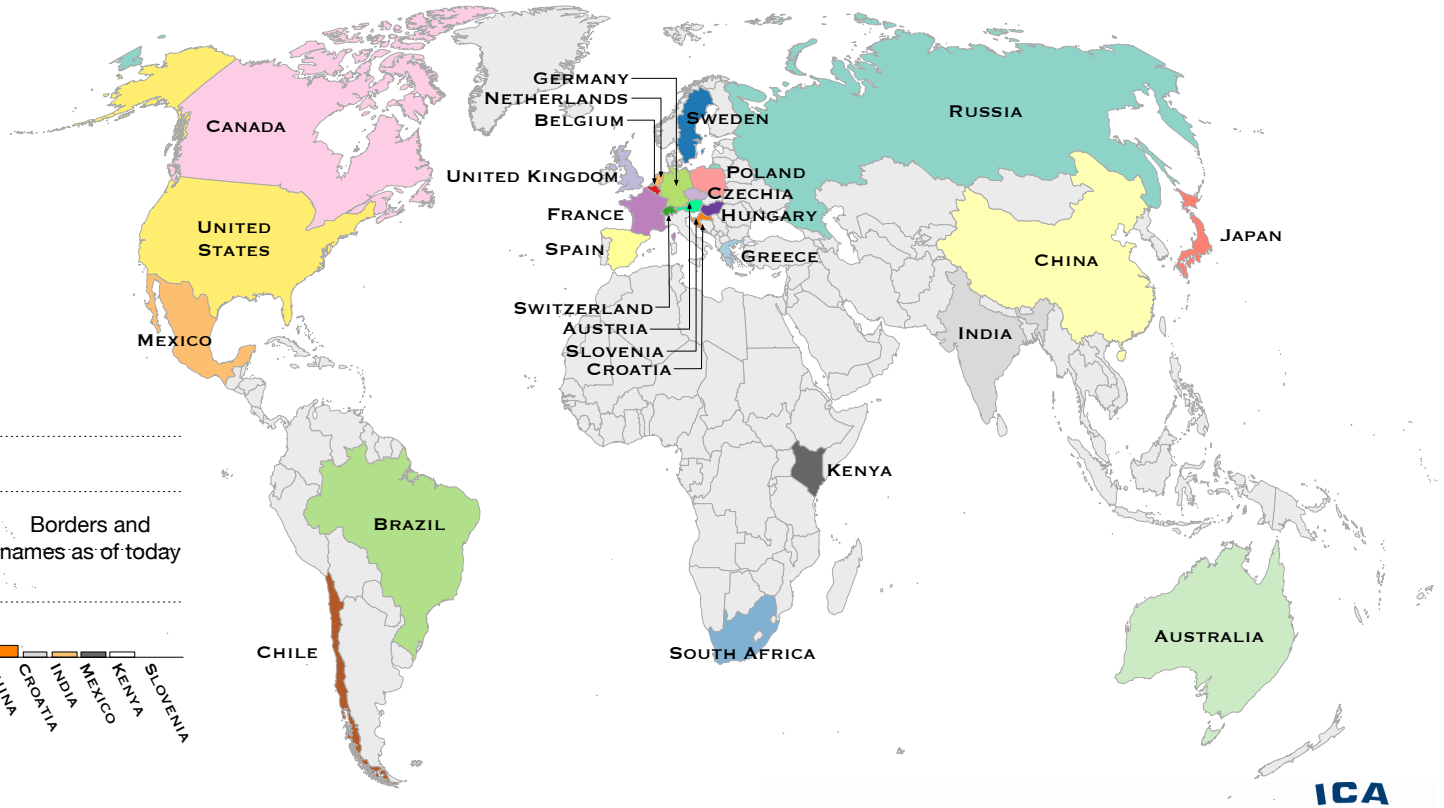
ZOOM-IN:
Commission and Working Groups over time



Origin of Commission and Working Group Chairs





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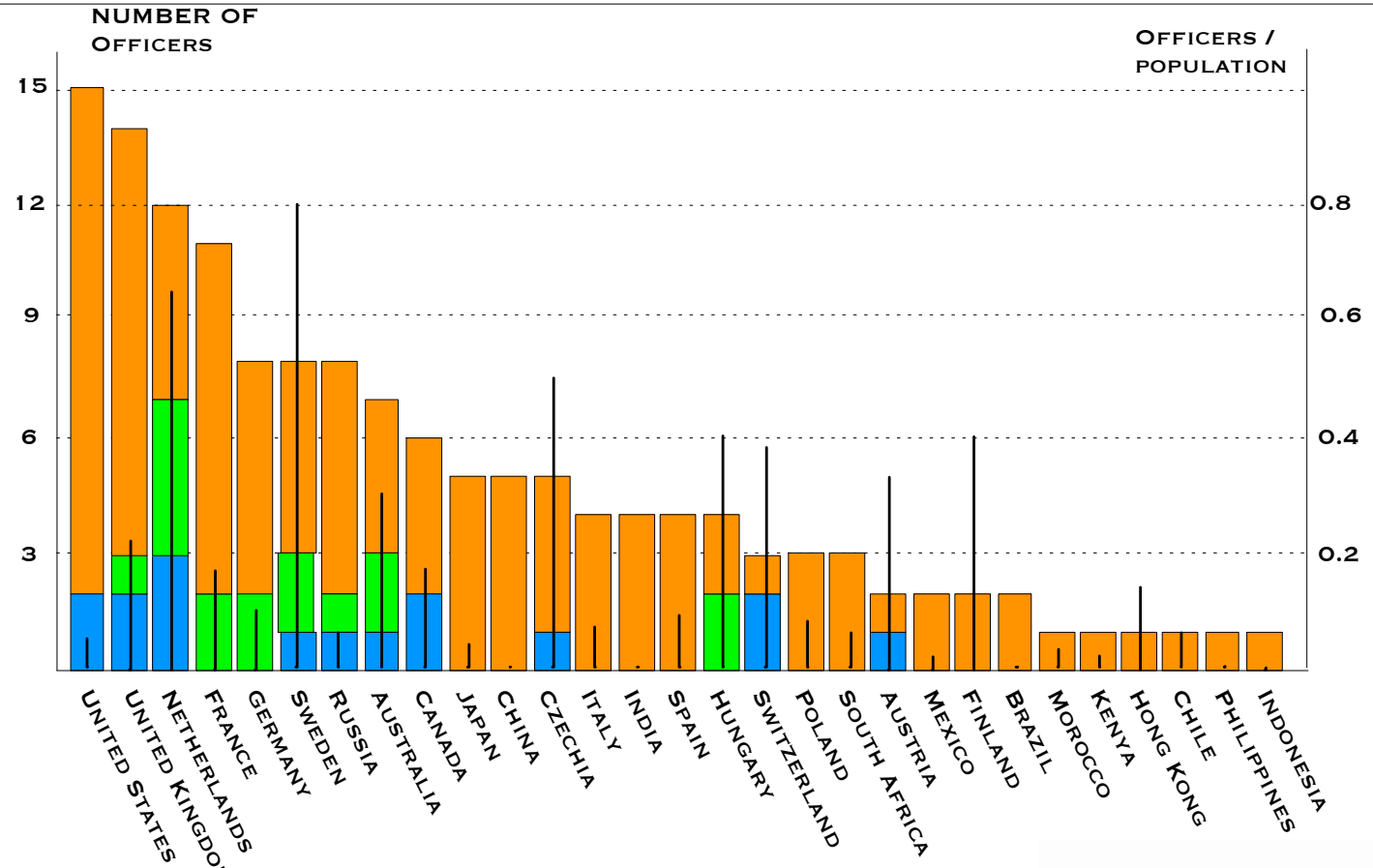
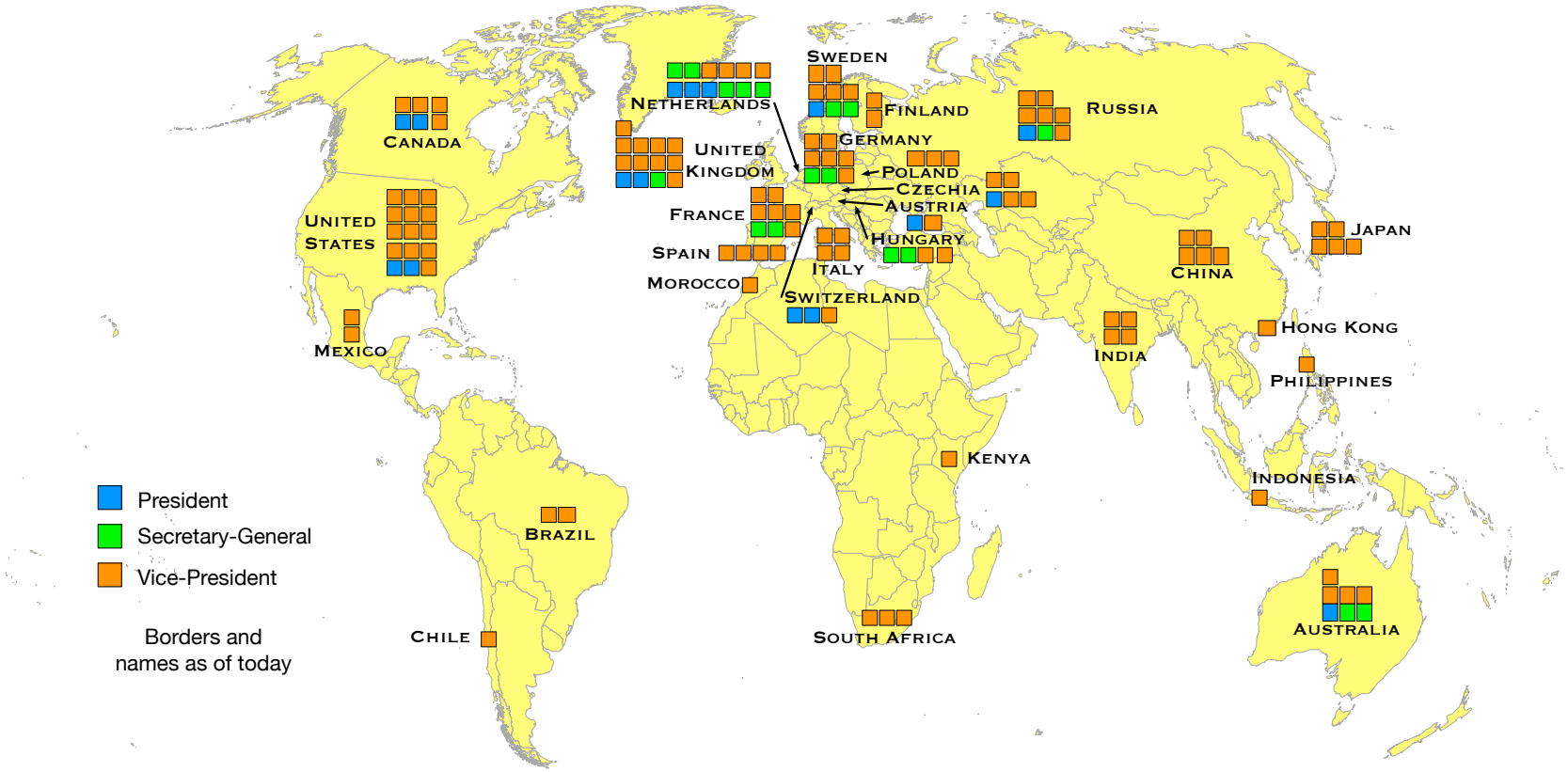
Number of Executive Committee members by country



Location Executive Committee members over time



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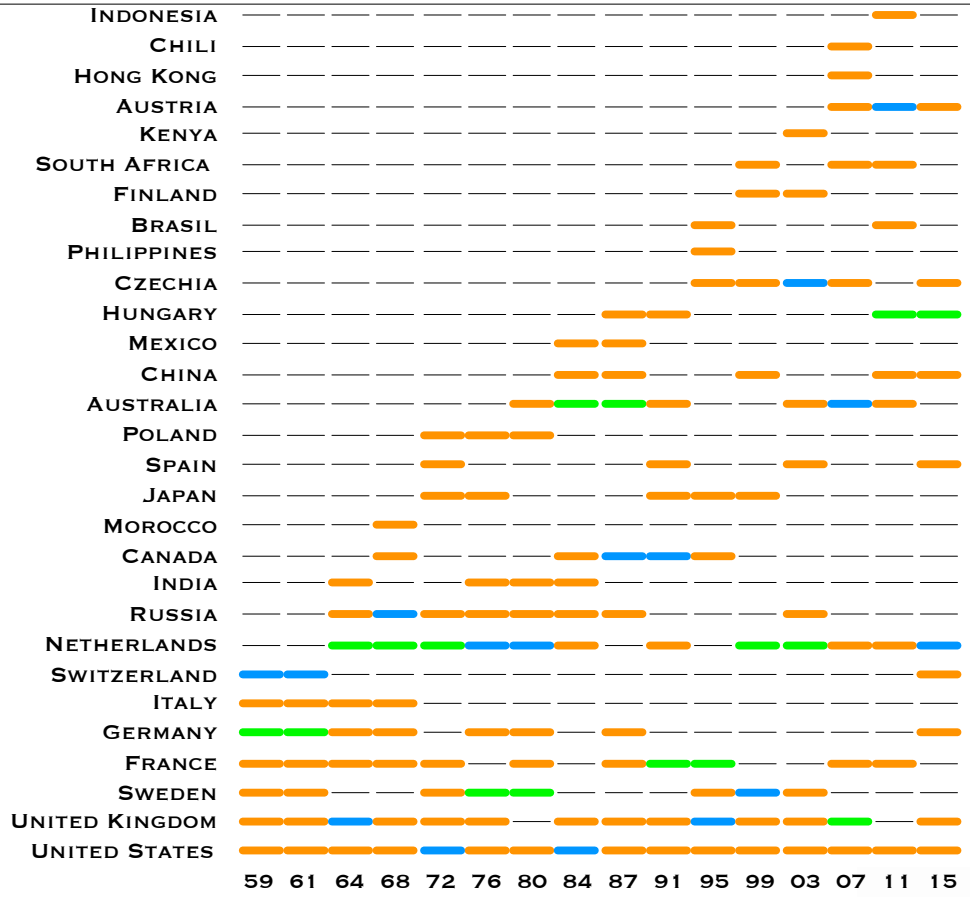
Executive Committee members by country over time



Kraak, M.J. & S.I. Fabrikant / Of Maps, Cartography, and the Geography of the International Cartographic Association (submitted ICY) / Data collected by Data: Igor Drecki / University of Auckland (NZ)

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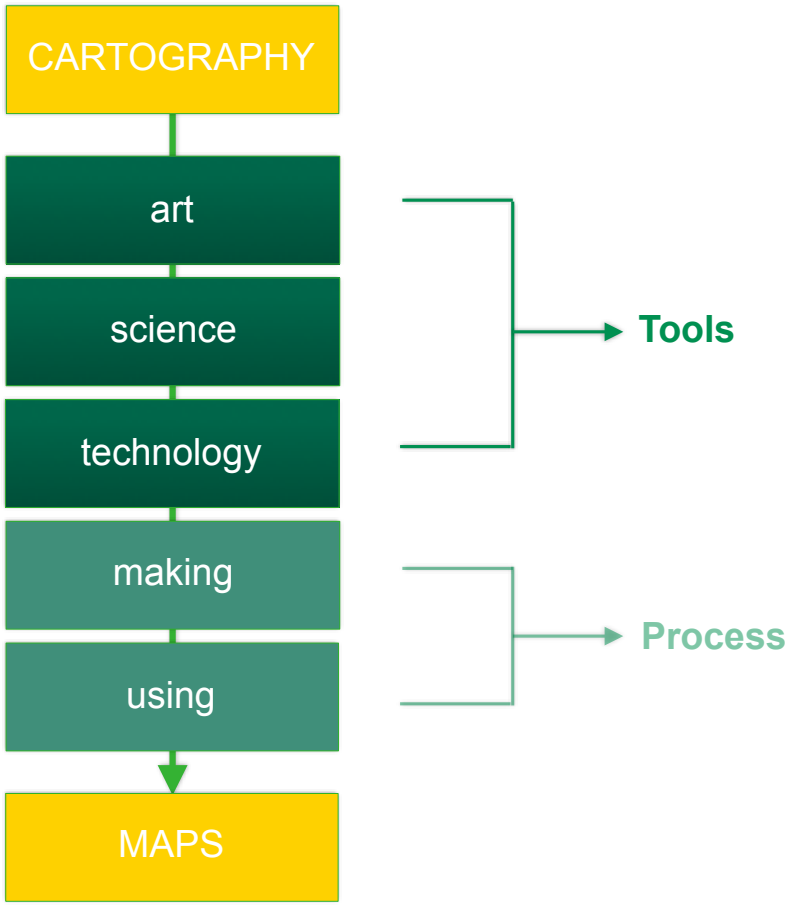
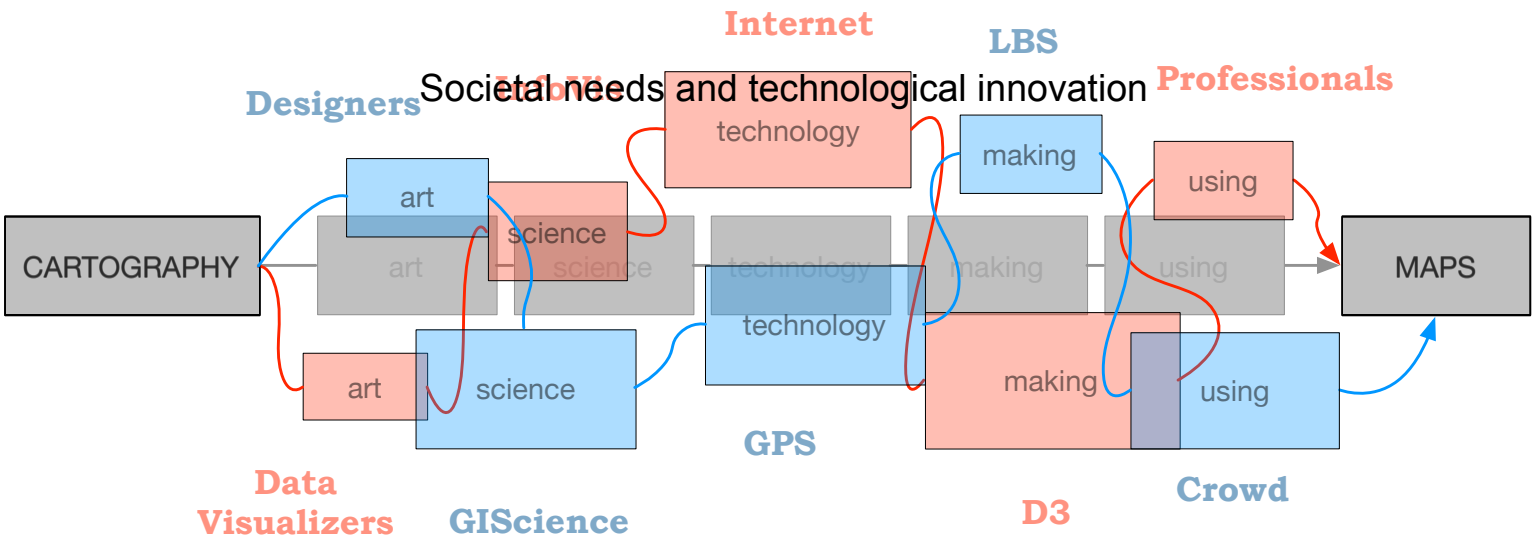
Cartography and maps



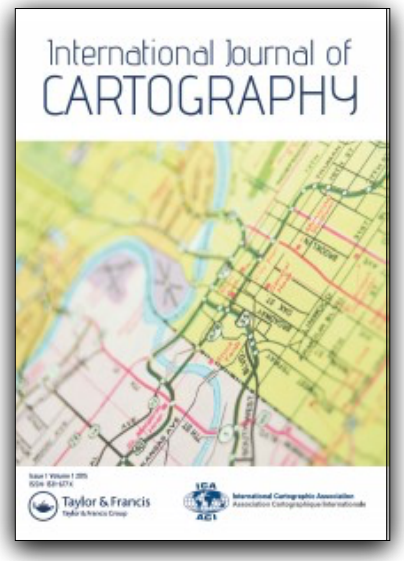
Sustainability of the definition



Maps

Maps that matter should **raise interest**, be **engaging**, **instantly understandable**, and be **relevant to society**

Publications etc



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Focus

What about Maps and Sustainability

Sustainability

Cartography / Maps

Global Development Goals

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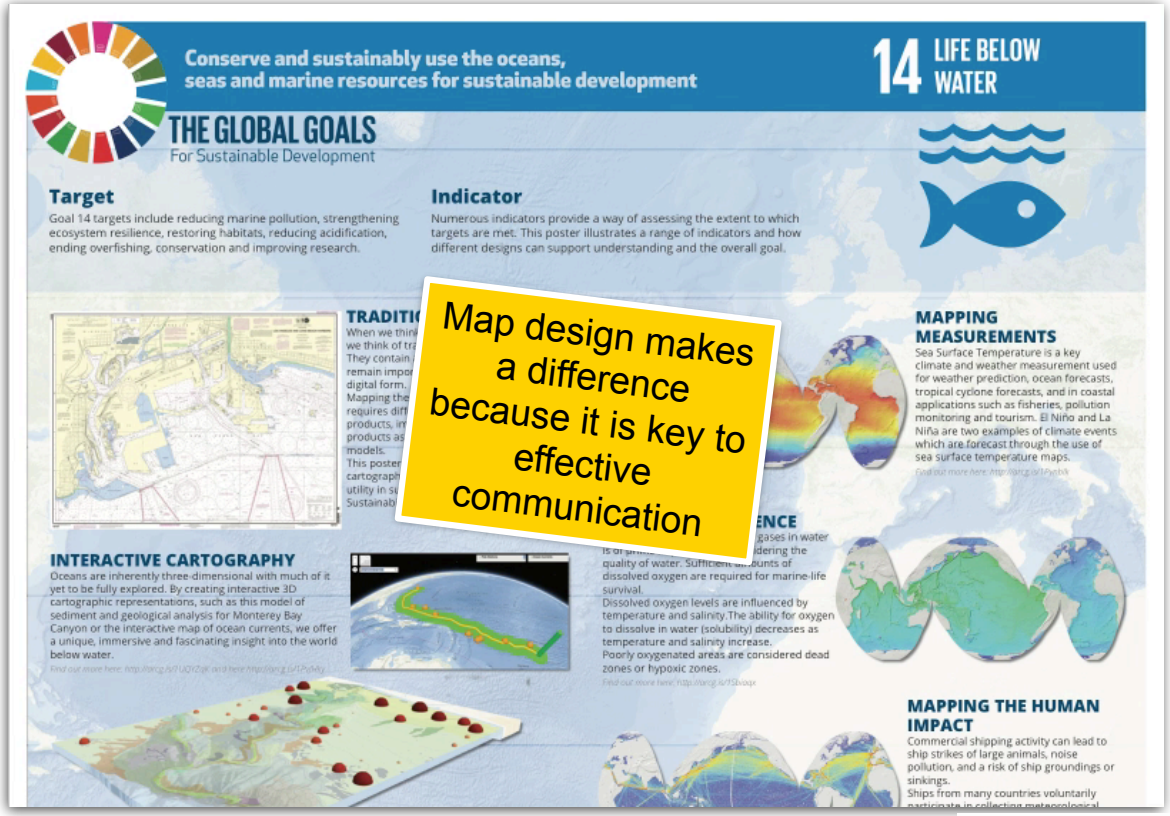
What we did



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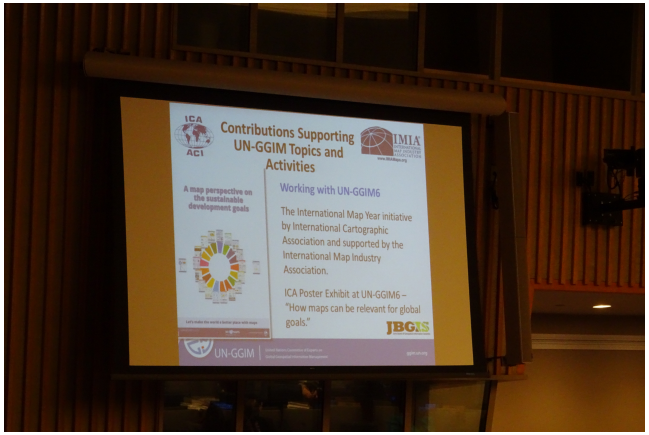
At the UN-GGIM



What we plan

- Basics
- Do’s/don’ts
- How?
- Role of

Mapping a sustainable world
Geospatial knowledge platforms: Empowering the SDGs through maps

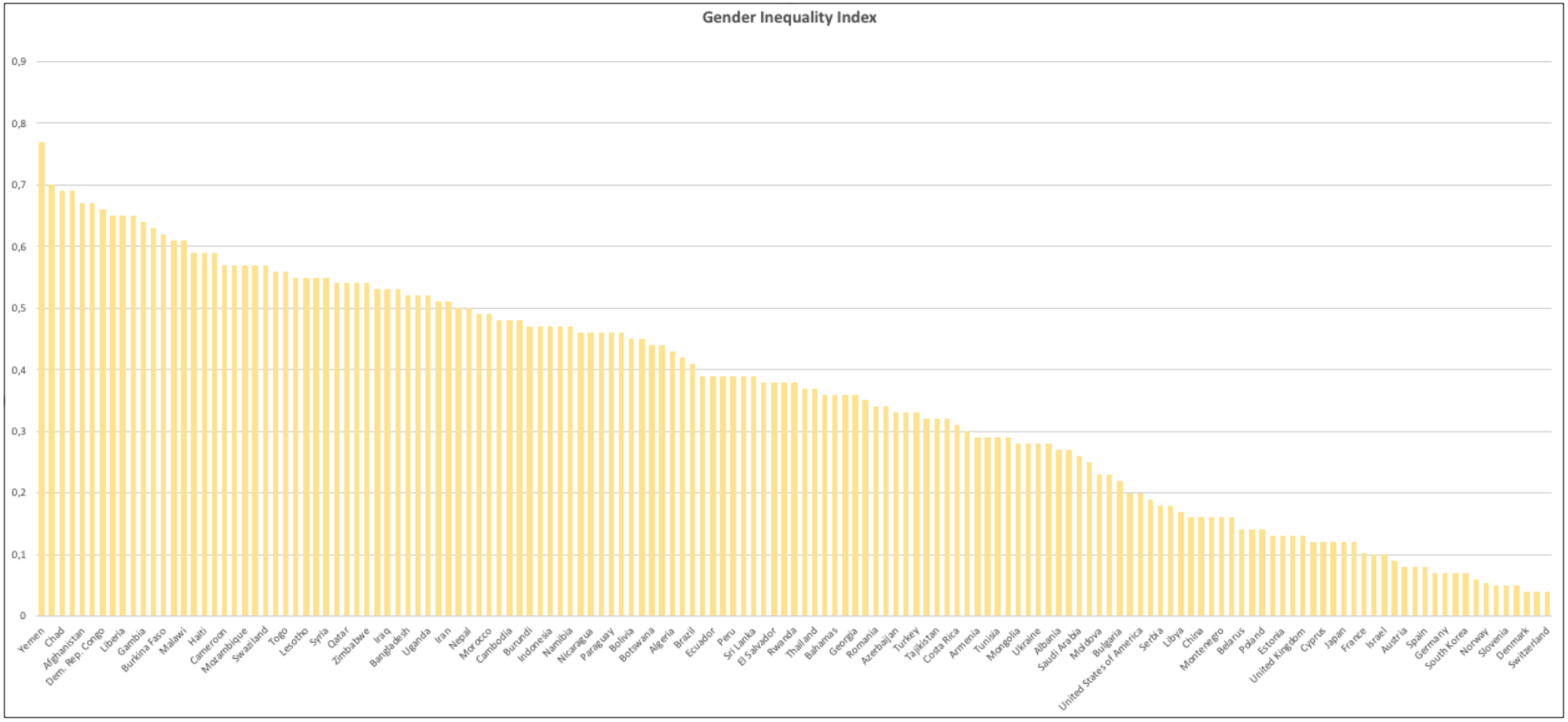
Offer guidelines and best practices for mapping the UN SDGs to…

- best support the SDGs through Cartography with help of the cartographic community
- transfer knowledge and expertis the book ***Mapping a sustainab world*** and various training relat activities

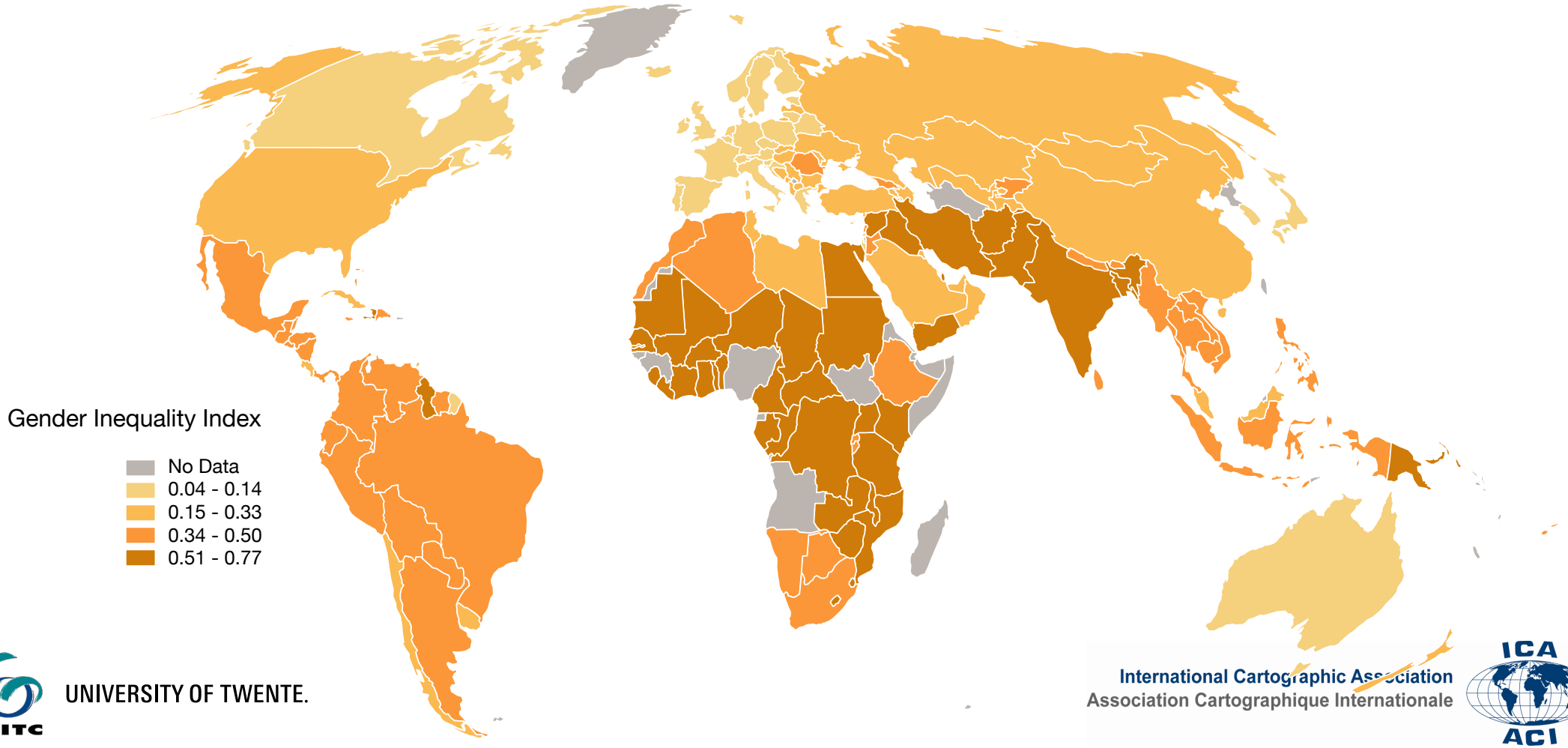
An example: Gender inequality index

Name	GI index	Name	GI index	Name	GI index	Name	GI index	Name	GI index	Name	GI index
Afghanistan	0,67	Cote d'Ivoire	0,67	Guinea	-	Kuwait	0,33	Norway	0,05	Serbia	0,18
Angola	-	Cameroon	0,57	Gambia	0,64	Laos	0,47	Nepal	0,50	Suriname	0,45
Albania	0,27	Dem. Rep. Congo	0,66	Guinea-Bissau	-	Lebanon	0,38	New Zealand	0,16	Slovakia	0,18
United Arab Emirates	0,23	Congo	0,59	Eq. Guinea	-	Liberia	0,65	Oman	0,28	Slovenia	0,05
Argentina	0,36	Colombia	0,39	Greece	0,12	Libya	0,17	Pakistan	0,55	Sweden	0,05
Armenia	0,29	Costa Rica	0,31	Greenland	-	Sri Lanka	0,39	Panama	0,46	Swaziland	0,57
Australia	0,12	Cuba	0,30	Guatemala	0,49	Lesotho	0,55	Peru	0,39	Syria	0,55
Austria	0,08	N. Cyprus	-	Guyana	0,51	Lithuania	0,12	Philippines	0,44	Chad	0,69
Azerbaijan	0,33	Cyprus	0,12	Honduras	0,46	Luxembourg	0,07	Papua New Guinea	0,59	Togo	0,56
Burundi	0,47	Czechia	0,13	Croatia	0,14	Latvia	0,19	Poland	0,14	Thailand	0,37
Belgium	0,07	Germany	0,07	Haiti	0,59	Morocco	0,49	Puerto Rico	-	Tajikistan	0,32
Benin	0,61	Djibouti	-	Hungary	0,25	Moldova	0,23	North Korea	-	Turkmenistan	-
Burkina Faso	0,62	Denmark	0,04	Indonesia	0,47	Madagascar	-	Portugal	0,09	Timor-Leste	-
Bangladesh	0,52	Dominican Rep.	0,47	India	0,53	Mexico	0,35	Paraguay	0,46	Trinidad and Tobago	0,32
Bulgaria	0,22	Algeria	0,43	Ireland	0,13	Macedonia	0,16	Palestine	-	Tunisia	0,29
Bahamas	0,36	Ecuador	0,39	Iran	0,51	Mali	0,69	Qatar	0,54	Turkey	0,33
Bosnia and Herz.	0,16	Egypt	0,57	Iraq	0,53	Myanmar	0,37	Romania	0,34	Taiwan	-
Belarus	0,14	Eritrea	-	Iceland	0,05	Montenegro	0,16	Russia	0,27	Tanzania	0,54
Belize	0,38	Spain	0,08	Israel	0,10	Mongolia	0,28	Rwanda	0,38	Uganda	0,52
Bolivia	0,45	Estonia	0,13	Italy	0,08	Mozambique	0,57	W. Sahara	-	Ukraine	0,28
Brazil	0,41	Ethiopia	0,50	Jamaica	0,42	Mauritania	0,63	Saudi Arabia	0,26	Uruguay	0,28
Brunei	-	Finland	0,06	Jordan	0,48	Malawi	0,61	Sudan	0,57	United States of America	0,20
Bhutan	0,48	Fiji	0,36	Japan	0,12	Malaysia	0,29	S. Sudan	-	Uzbekistan	0,29
Botswana	0,44	Falkland Is.	-	Kazakhstan	0,20	Namibia	0,47	Senegal	0,52	Venezuela	0,46
Central African Rep.	0,65	France	0,10	Kenya	0,56	New Caledonia	-	Solomon Is.	-	Vietnam	0,34
Canada	0,10	Gabon	0,54	Kyrgyzstan	0,39	Niger	0,70	Sierra Leone	0,65	Vanuatu	-
Switzerland	0,04	United Kingdom	0,13	Cambodia	0,48	Nigeria	-	El Salvador	0,38	Yemen	0,77
Chile	0,32	Georgia	0,36	South Korea	0,07	Nicaragua	0,46	Somaliland	-	South Africa	0,39
China	0,16	Ghana	0,55	Kosovo	-	Netherlands	0,04	Somalia	-	Zambia	0,53
										Zimbabwe	0,54

An example: Gender inequality index



An example: Gender inequality index



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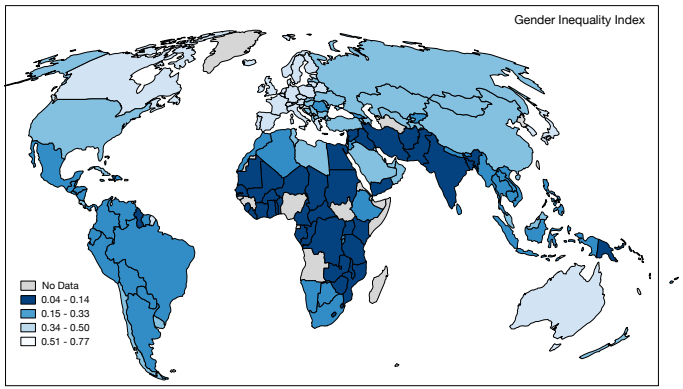
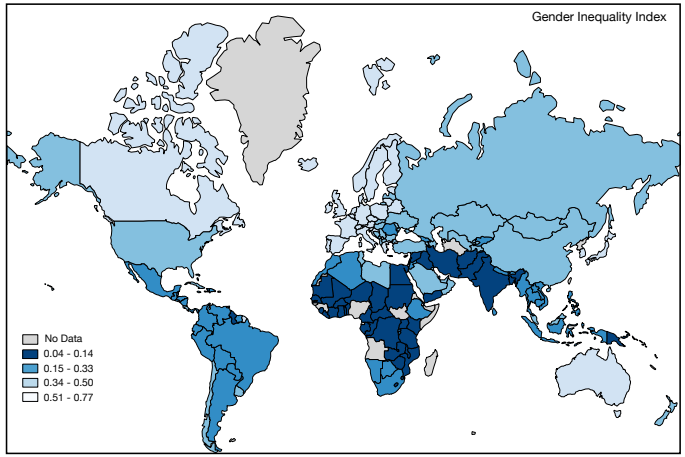
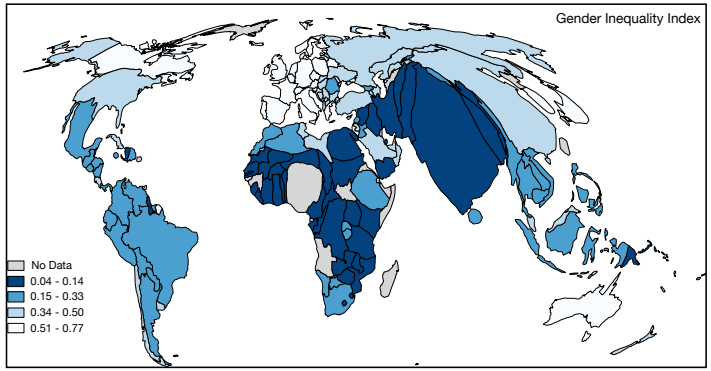
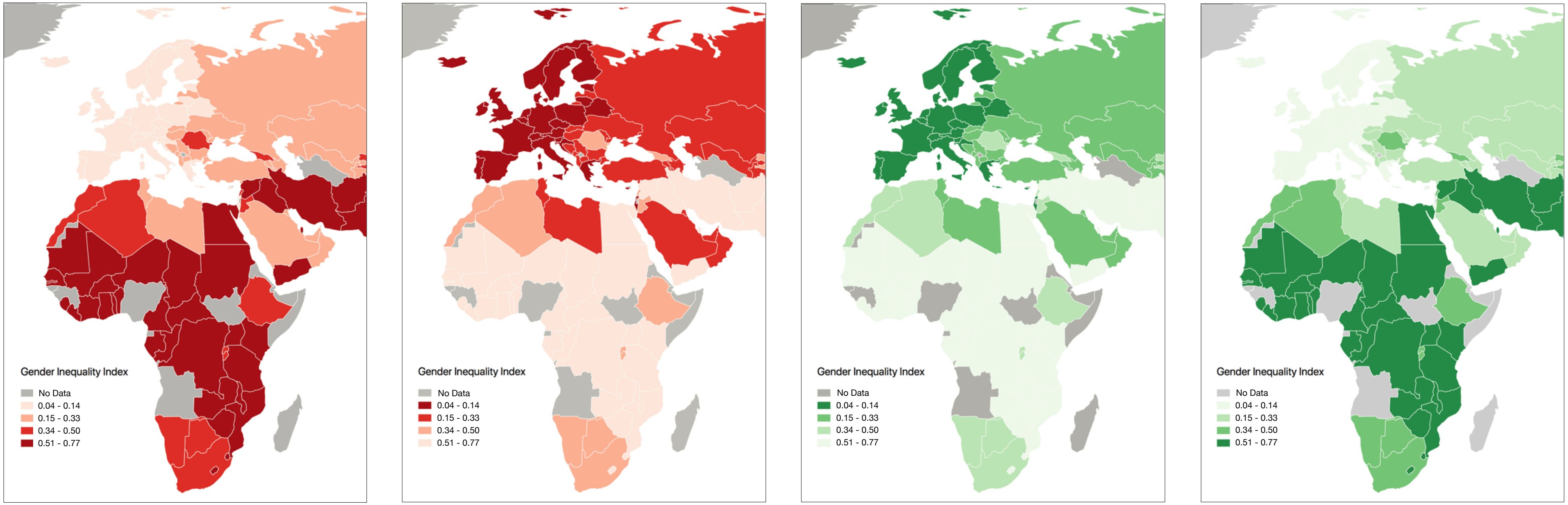
Map projections







Choice of color - what do you want to tell?



The book

- The book is **not** intended as a cartographic textbook, nor an atlas of SDGs.
- The audience of the book is everyone with the need / interest to visualize spatial and temporal SDG patterns.
- The book will be designed in landscape mode, giving us the opportunity to reuse each page as a PowerPoint slide for training / education
- Deadline: juli 2019 (ICC Tokyo)

ICA & EuroSDR

EuroSDR commission keyword and ICA interests

- Commission 1: Data Acquisition
  - —-
- Commission 2: Modelling and Processing
  - Multi-scale & generalization, geoprocessing, cartography (incl. web cartography), standards
- Commission 3: Updating and Integration
  - Crowd sourcing, heterogeneous information, data integration
- Commission 4: Information Usage
  - User demand analysis, services for distribution (WMS, WFS, WS etc.), geo analysis, visualization, mapping on demand
- Commission 5: Business Models and Operation
  - Open data
- Commission 6: Knowledge Transfer
  - Education, professional development, lifelong learning, shaping curricula, capacity building, Official publications, Website

Cooperation

Theory

- Just match the EuroSDR keywords with those in ICA Commission's Terms of Reference
- Bring people together and work

Practice

- ICA Commission work according their Terms of Reference
- In ICA execution is bottom up

Solution

- Stimulate common interest
- …

Let’s make the world a better place with maps