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 Delhi
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
ZOOM-IN:
Commission and Working Groups over time

- UNGGIM
- Topo Mapping
- LBS
- IMY
- Toponomy
- Cognition
- Tech outreach
- Neocartography

- Society
- Open Data
- Crime
- Tourist
- Africa
- Art
- Sustainability
- Open source
- Analysis
- Heritage

2003-2007
2007-2011
2011-2015
2015-2019
Origin of Commission and Working Group Chairs
Number of Executive Committee members by country
Cartography and maps

- CARTOGRAPHY
- arts
- science
- technology
- making
- using

- MAPS

- Tools

- Process
Sustainability of the definition
Maps that matter should **raise interest**, be **engaging**, **instantly understandable**, and be **relevant to society**
Publications etc
Focus
What about Maps and Sustainability

Cartography / Maps

Sustainability

Global Development Goals
What we did

Map design makes a difference because it is key to effective communication.
At the UN-GGIM
What we plan

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

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International Cartographic Association
Association Cartographique Internationale
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 expertise via the book *Mapping a sustainable world* and various training related activities
An example: Gender inequality index

<table>
<thead>
<tr>
<th>Name</th>
<th>GI index</th>
<th>Name</th>
<th>GI index</th>
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</table>

Country names are represented by their Gender Inequality Index (GI index). The index ranges from 0 to 1, with 0 indicating perfect equality and 1 indicating maximum inequality. This index is used to assess gender inequality in various countries. The example provided shows a list of countries along with their GI indices, illustrating how gender inequality varies across different nations.
An example: Gender inequality index
An example: Gender inequality index

Gender Inequality Index

- No Data
- 0.04 - 0.14
- 0.15 - 0.33
- 0.34 - 0.50
- 0.51 - 0.77
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)
EuroSDR commission keyword and ICA interests

- Commission 1: Data Acquisition
  - Multi-scale & generalization, geoprocessing, cartography (incl. web cartography), standards
- Commission 2: Modelling and Processing
  - Crowd sourcing, heterogeneous information, data integration
- Commission 3: Updating and Integration
  - User demand analysis, services for distribution (WMS, WFS, WS etc.), geo analysis, visualization, mapping on demand
- Commission 4: Information Usage
  - Open data
- 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