Trends in mapping based on ICA’s geography and history

Menno-Jan Kraak
ICA

congratulates its Indian National Member, the Survey of India with its 250th birthday
ICA’s Members and International Cartographic Conferences

ICA member

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  Warsaw
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

- 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
Origin of Commission and Working Group Chairs
Number of Executive Committee members by country

Indonesia United Kingdom Morocco Kenya Finland Brazil Philippines Hong Kong Chile Switzerland Poland Spain Hungary Austria Mexico South Africa Canada Japan Russia Australia Italy India China Czechia United States Germany Sweden Netherlands France

Number of Officers

Officers / Population

UNIVERSITY OF TWENTE.
Executive Committee members by country over time

/ Data collected by Data: Igor Drecki / University of Auckland (NZ)

Singh
Khosla (2x)
Agarwal

/ Data collected by Data: Igor Drecki / University of Auckland (NZ)
Cartography and maps

CARTOGRAPHY

art

science

technology

making

using

MAPS

Tools

Process
Sustainability of the definition
Task of National Mapping Agencies

- Produce (and disseminate) topographic maps

- Produce and disseminate topographic maps and data sets

- Produce and disseminate geospatial base data and offer geo-services
Future of cartography: when live gets challenging (cartographic summit)

Data
Design
Media

Coding
Computation
Open

Cartographer
Artist
Graphic Designer

Interaction
Personalization
Story telling

data
cartographic visualization
map
cartographers
Topographic maps and open data (example the Netherlands)
Topographic maps and open data (example the Netherlands) http://www.opentopo.nl
Let’s make the world a better place with maps