# 2015–2019 report

**Training Workshop** 

ICA Commission on Use, User, and Usability Issues

**Workshop on User Experience Design for** 

ICA Commission on Location-based Services

Luciene Delazari Zdeněk Stachoň

Brazil

ICA Commission on Use, User, and Usability Issues



## What is the "Use" Commission?

The International Cartographic Association (ICA) has a longstanding interest in map use and user issues. The Map Use Commission first was established in 1984 and benefitted from continual commission status since, excepting the 1999–2003 cycle. During this history, the commission has undergone multiple name changes, including Use & Usability and most currently Use, User, and Usability Issues (UUUI). A name change is proposed for the 2019– 2023 terms of reference to the **Commission on the User Experience (UX)** to maintain our focus on user studies and usability while exploring exciting new developments on UX in information visualization, human-computer interaction, usability engineering, and web design.

# What are our Major Contributions?

#### **Four Peer-reviewed Publications**

Roth RE, A Çöltekin, L Delezari, HF Filho, A Griffin, A Hall, J Korpi, I Lokka, A Mendonça, K Ooms, and CPJM van Elzakker. 2017. User studies in Cartography: Opportunities for empirical research on interactive maps and visualizations. International Journal of Cartography. 3(Supp 1): 61-89.

van Elzakker CPJM and K Ooms. 2017. **Understanding map uses and users**. In: *The Routledge Handbook of Mapping and Cartography* (Eds: AJ Kent and P Vujakovic). London: Routledge. p55-67

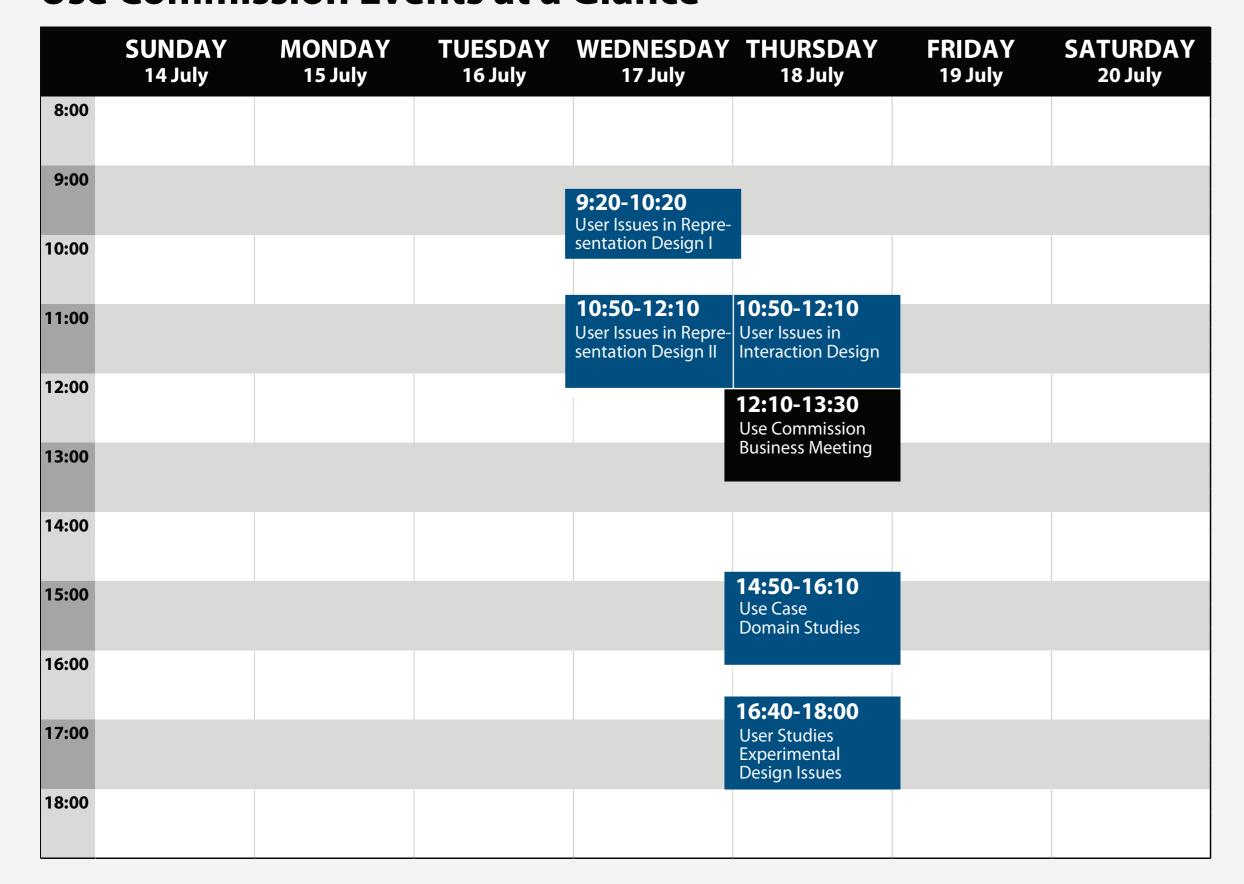
Ooms K and A Skarlatidou. 2018. **Usability engineering and evalua**tion. In: The GIS&T Body of Knowledge. University Consortium for Geographic Information Science.

Roth RE. (forthcoming). **How do user-centered design studies contribute to cartography?** *Geografie, Special Issue from the 2018 Joint* ICA Workshop on Atlases, Cognition, and Usability (Eds: P Kubíček and A Griffin).

### Our 2017 Research Agenda included: 11 authors from 7 countries & 4 continents



# 2019 ICC Tokyo **Use Commission Events at a Glance**



### 2015-2019 Use Commission Events at a Glance

- **▶** Research Workshop **▶** International Cartographic Conference Workshop on 2015 **Envisioning the Future of Cartographic Research** Curitiba, Brazil | 21 August 2015 ICA Commission on Cognitive Visualization **Workshop on Designing & Conducting User Studies** ICA Commission on Geovisualization Curitiba, Brazil | 20 August 2015 ICA Commission on Map Design ICA Commission on Cognitive Visualization ICA Commission on Use, User, and Usability Issues ICA Commission on Use, User, and Usability Issues
  - **Workshop on Designing & Conducting User Studies International Cartographic Conference** 2016 Albena, Bulgaria | 15 June 2016 Rio de Janeiro, Brazil | 23–28 August 2015 ICA Commission on Use, User, and Usability Issues

#### Follow-up Workshop on **Joint Symposium on the History of Cartography** Dubrovnik, Croatia | 13–14 October 2016 **Envisioning the Future of Cartographic Research** ICA Commission on the History of Cartography San Francisco, USA | 29 March 2016

ICA Commission on Geoinformation Management ICA Commission on Cognitive Visualization ICA Commission on Map Production ICA Commission on Map Design 2017 ICA Commission on Use, User, and Usability Issues ICA Commission on Use, User, and Usability Issues ICA Commission on Visual Analytics

**Interactions with Geographic Citizen Science Applications International Cartographic Conference** London, UK | 12 December 2017 Washington, D.C., USA | 2-7 July 2017 ICA Commission on Use, User, and Usability Issues European Union COST Action Program

**Workshop on Lessons Learned from Volunteers'** 

Olomouc, Czechia | 27–30 April 2018

ISPRS Working Group V/3: Regional Collaboration in Citizen Science 2018 **Workshop on Reproducibility in Cartography** Olomouc, Czechia | 27 April 2018 ICA Commission on Cognitive Visualization **Joint Workshop on Atlases, Cognition, & Usability** 

ISPRS Working Group IV/9: Geovisualization, Augmented & Virtual Reality **ICA Commission on Atlases** ICA Commissoin on Cognitive Visualization ICA Commission on Use, User, and Usability Issues **Workshop on Designing &** 

**Conducting User Studies** Workshop on Mobile User Experience (UX) Design Nanjing, China | 3 July 2019 Beijing, China | 11 July 2019 ICA Commission on Use, User, and Usability Issues ICA Commission on Cognitive Visualizatin ICA Commission on Location-based Services ICA Commission on Use, User, and Usability Issues

2019

**Mobile Cartography: Setting the Agenda International Cartographic Conference** Beijing, China | 12 July 2019 Tokyo, Japan | 15–20 July 2019 ICA Commission on Cognitive Visualization 2020

## What is Our Plan for 2019–2023?

- 1. Website: Maintain & expand the commission website on UX design & user issues: https://use.icaci.org/.
- 2. Bibliography: Maintain & expand the bibliographic reference for UX design & user studies in cartography & related field.
- 3. Student Services: Hold listening sessions with students to promote and advertise student research & opportunities.
- 4. Educational Workshops: Organize training workshops on UX design & user studies for students & non-specialists.
- **5. Scholarly Workshops:** Organize research workshops on UX design & user studies with other commissions & sibling intellectual commissions.
- **6. ICA Sessions:** Organize sessions on user studies and UX design at the 2021 & 2023 International Cartography Conferences.
- 7. UX Research Agenda: Jointly develop a research agenda on map UX.
- 8. User Studies Handbook: Jointly organize an overview reference on designing & conducting user studies in cartography.

