



ICA Commission on

Use, User, & Usability Issues

2015–2019 report



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 evaluation.** 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 Kubiček and A Griffin).

Our 2017 Research Agenda included:

11 authors from 7 countries & 4 continents



2019 ICC Tokyo

Use Commission Events at a Glance

	SUNDAY 14 July	MONDAY 15 July	TUESDAY 16 July	WEDNESDAY 17 July	THURSDAY 18 July	FRIDAY 19 July	SATURDAY 20 July
8:00							
9:00							
10:00				9:20-10:20 User Issues in Representation Design I			
11:00				10:50-12:10 User Issues in Representation Design II	10:50-12:10 User Issues in Interaction Design		
12:00					12:10-13:30 Use Commission Business Meeting		
13:00							
14:00							
15:00					14:50-16:10 Use Case Domain Studies		
16:00							
17:00					16:40-18:00 User Studies Experimental Design Issues		
18:00							

2015-2019 Use Commission Events at a Glance



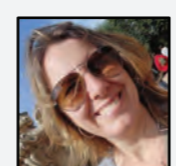
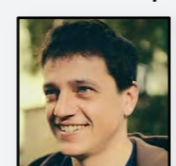
Join Us!!!

Thursday, 18 July

for the Use Commission

Business Meeting

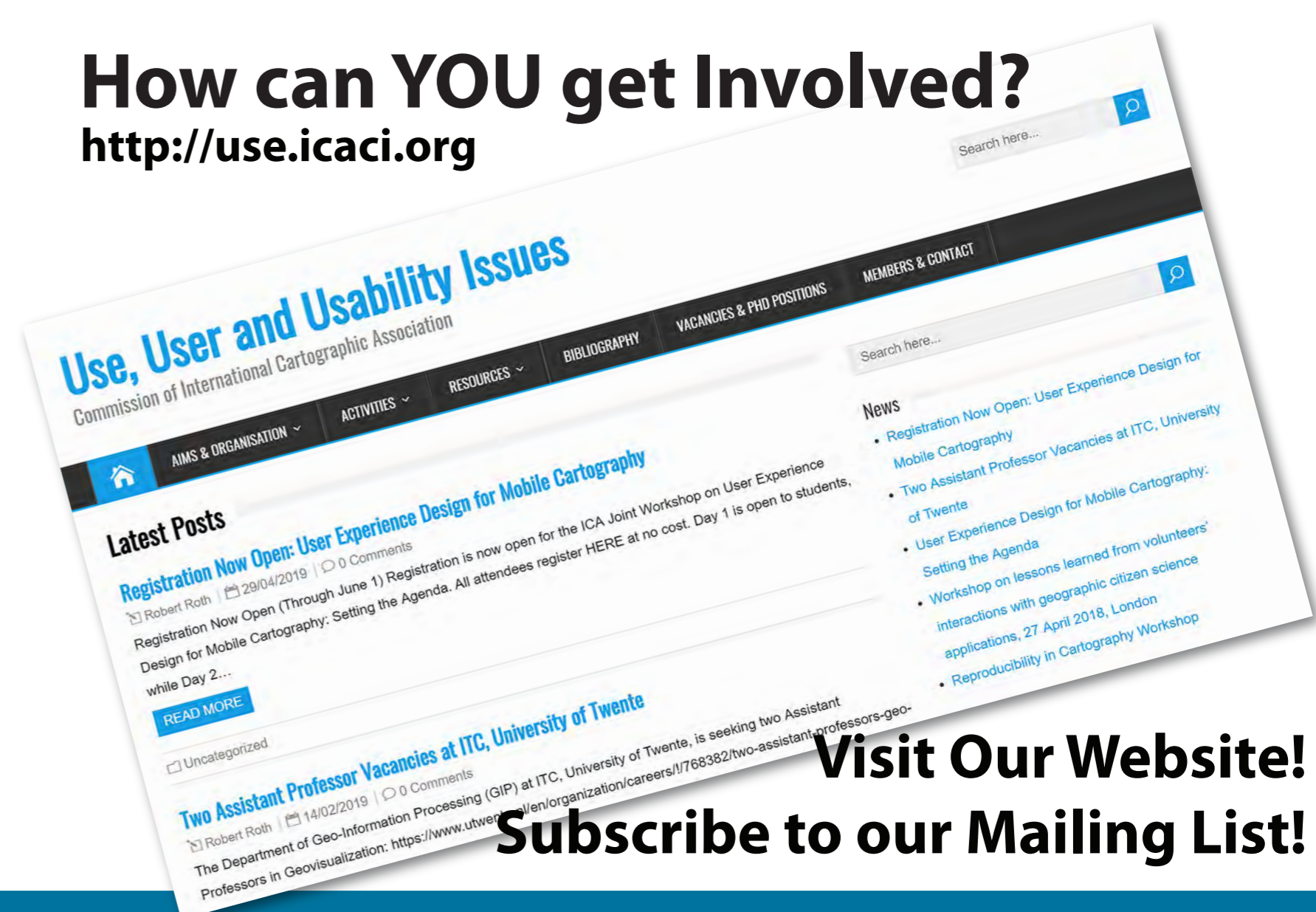
meet the new Core Group

Robert Roth
USALuciene Delazari
BrazilZdeněk Stachon
Czechia

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.

How can YOU get Involved?

<http://use.icaci.org>

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