

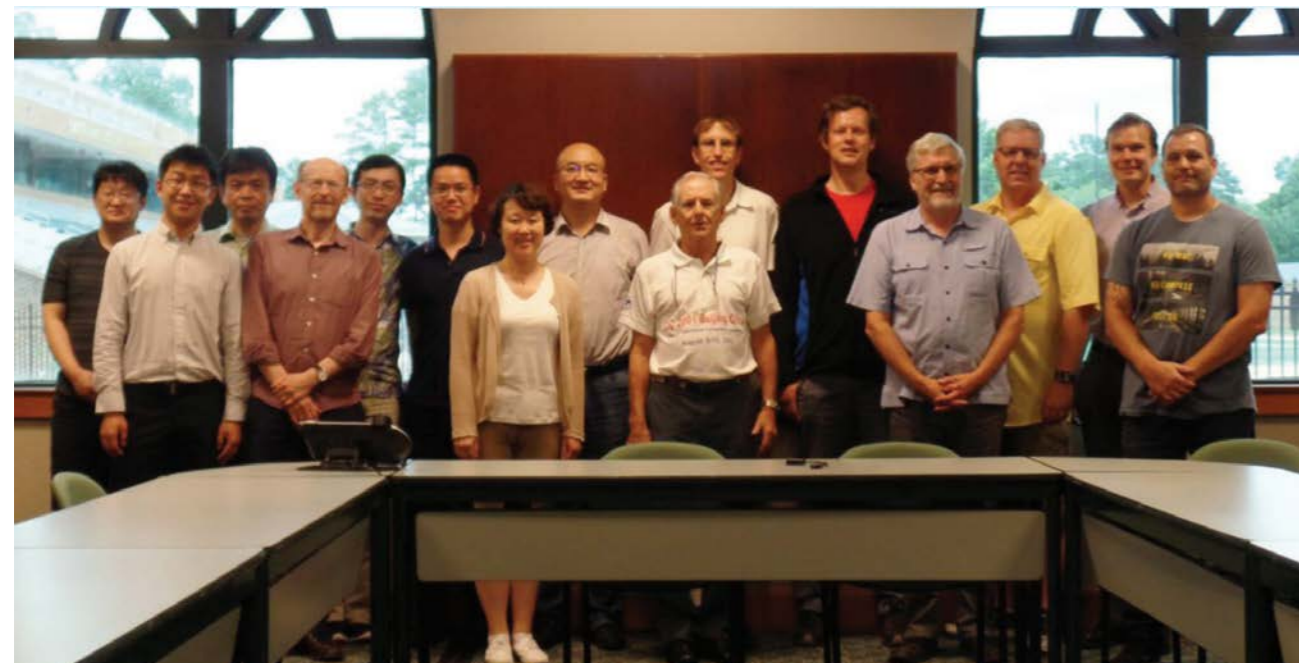


Administration

CET was renewed at the 2015 General Assembly under continuing chairmanship of Dr David Fairbairn, Newcastle University (UK). Dr Ing. Stefan Peters (Malaysia) was elected as new vice-Chair. Employed at Universiti Teknologi Malaysia, Johor at that time, he moved to a position at the University of South Australia, Adelaide, in late 2016.

Approved Terms of Reference (ToR) were

- *aspirational* – e.g. **promote and deliver workshops**; and **work with the education commissions of sister societies and with UN GGIM**
- *ongoing* – e.g. **maintain a record of educational courses which include cartography**; and note *ad hoc* courses, **recording the wide scope of cartographic education**
- *innovative* – e.g. **explore the possibilities of developing a Body of Knowledge (BoK) for cartography**; and examine **formal accreditation, of cartographic qualifications**
- *generic* – work to the **aims of ICA** and engage with ICA initiatives



Joint meeting with Commission on Maps and the Internet, Williamsburg, USA, 2017

Activities

The commission's contribution to the **International Map Year (IMY) 2015-16** was primarily through the commission chair who was on the IMY Working Group, and contributed a chapter, with exercises, on 'Education in cartography' in the online textbook *The World of Maps* (also translated into French, Spanish, Italian, Portuguese and Hungarian) (www.mapyear.org).

The commission contributed to the further ICA-wide initiative to map the **United Nations Sustainable Development Goals**: CET input was to the poster on SDG No. 4, 'Inclusive and Quality Education'.

The commission **web site** was managed by the vice-chair during 2015-19, and allowed for organisation of members, publicity, and recording of the directory.

Body of Knowledge

A major focus of work 2015-19:

RATIONALE

- to advertise the subject of cartography to higher education curriculum planners
- to enlighten accreditation agencies
- to engage with diverse groups of people across cartography
- to acknowledge existing BoKs
- to present associated exercises, skill sets, knowledge outcomes
- to ensure a maintained and updated document
- to be produced quickly

CONSIDERING

- the ongoing replacement of in-depth instruction, by short-term competencies delivery
- the dilution and de-skilling of cartography as a profession
- the divergence of definitions of cartography, its nature and its scope

INITIAL OUTCOME: UNCERTAINTY AND SLOW DOWN DUE TO

- lack of interest and engagement on the part of many in the cartographic community
- perceived overlap and duplication with other existing BoKs and initiatives
- antipathy of some close to (but outside) our discipline
- recognition that cartography is a democratised and unfocussed activity that should not, perhaps, have a restrictive BoK imposed
- a view that the creation of a BoK cannot be a 'top-down' activity
- a realisation that there is such a vast range of material available to inform and instruct people in cartography, that putting cartography into a 'box' marked 'BoK' may deny the wide-ranging, diverse and vigorous nature of our discipline.



Novel view of Joint meeting with Commission on Atlas Cartography, Zurich, 2016

Meetings

- April 2015 Chicago, USA
Association of American Geographers
Session on cartographic education
Engagement with the UCGIS GIS&T BoK
- August 2015 Curitiba, Brazil
Pre-ICC symposium (with the ICA Commission on Maps and the Internet)
Advances in Cartographic Practice in the Classroom and on the Web
including Mapping in the Cloud workshop
- August 2015 Rio de Janeiro, Brazil
27th ICC – main sessions, poster session, and Commission business meeting
33 papers on Theme T22 ('Education and Training in Cartography and Geotechnologies')
- September 2016 Zurich, Switz'land
Joint meeting with ICA Commission on Atlases
Atlases and Education – Concepts for the Future
Common issues for the two commissions addressing technological and pedagogical change driven by, and reflected by, maps and atlases in the classroom
- September 2016 Cheltenham, UK
British Cartographic Society / Society of Cartographers Annual Symposium
Practical workshop using Delphi method to promote and develop Body of Knowledge
- June 2017 Williamsburg VA, USA
Pre-ICC symposium (with the ICA Commission on Maps and the Internet)
Contemporary internet cartography and its educational implications
- July 2017 Washington DC, USA
28th ICC – main sessions, poster session, and Commission business meeting
19 papers on theme of Education and Training in Cartography
- July 2017 San Diego CA, USA
ESRI Education Summit
Discussion on the nature of geo-education
- July 2019 Beijing, China
Pre-ICC symposium
Geospatial and Cartographic Education – Contemporary Challenges and Opportunities
14 papers on a range of topics, Chinese and international, plus open BoK session
- July 2019 Tokyo, Japan
29th ICC- main sessions, poster session, and Commission business meeting
22 papers on Education and Training theme