

Thomas Schulz
ICA Secretary General
Federal Department of Home Affairs FDHA
Swiss Federal Statistical Office FSO
Espace de l'Europe 10
CH-2010 Neuchâtel
Switzerland

11th March 2023

Dear Thomas

Proposal for Commission on Topographic Mapping

On behalf of the United Kingdom, The British Cartographic Society wish to propose the continuation of the Commission on Topographic Mapping for the 2023-27 term with Dr David Forrest as chairperson. Dr Lukasz Halik of Poland has agreed to continue as Vice-chair.

Updated Terms of Reference and a brief cv for Dr Forrest are attached.

Regards



David Forrest, PhD, FBCart.S
Secretary, UK Cartography Committee

Email: david.forrest@glasgow.ac.uk

ICA Commission on Topographic Mapping 2023-27

David FORREST

e-mail: david.forrest@glasgow.ac.uk

Personal Statement and Brief Curriculum Vitæ , 2023

I have had a long term interest in the design and use of topographic mapping and derivative products such as tourist maps. I have completed several research projects focused on topographic mapping and published a series of articles in *The Cartographic Journal* about the representation of topographic information on maps. In part stemming from my role as vice-chair of the ICA Commission on Use and User issues, I developed a particular interest in the usability of topographic data and have collaborated with the Ordnance Survey on this and other aspects of topographic mapping.

My long term experience of the ICA, attending most ICCs since 1991, having served on the ICA Exec 2015-19, and engagement with several ICA Commissions gives me an excellent understanding of the challenges involved in leading a Commission. Having recently retired from a full-time academic post, I have both the time and the commitment to take the Commission forward.



Research interests:

- The content, design and use of topographic maps.
- Usability of topographic base data.
- The history of the International Map of the World at 1:1M scale and related mapping in the 20th century.
- Design and use of public transport maps, information systems & applications, including schematic map design.
- The history and development of tourist map design in the 20th century.
- Usability of different cartographic representations, focusing on developments in interactive geomeia.
- Cartographic education.

Professional activities:

Vice-President, International Cartographic Association, 2015-19

Vice-chair, International Cartographic Association Commission on Use and User Issues
2007-2011 & 2011-2015

UK National Delegate to ICA, 2003 (deputy); 2007; 2011; 2015; 2017; 2019

President, The British Cartographic Society, 2000-2002

Fellow, British Cartographic Society (FBCart.S); Member of Council 1991-2021;
Chair Education Committee 1991-1998

Honorary Fellow, The British Cartographic Society 2022-

Chair, UK Cartography Committee, 2005-2021

Secretary, UK Cartography Committee, 2022-

Royal Society Committee for ISU 2005-

Member, Canadian Cartographic Association 1979-2015; Secretary 1984-6

Member, Charles Close Society for the Study of Ordnance Survey Maps 1995-
Member, Royal Scottish Geographical Society & Chair of Helensburgh Branch 2008-
Editorial Board member, *The Cartographic Journal*

Tertiary education:

1996 PhD. Topographic Science, University of Glasgow.
 Dissertation: Expert Systems for Small Scale Map Design.
1981 M.A. Geography (Cartography) Queen's University at Kingston,
 Canada
 Thesis: The design and perception of non-numerical point symbols.
1977 B.Sc. (Honours) Topographic Science, University of Glasgow.

Employment history

2020 - Honorary Research Fellow, School of Geographical & Earth Sciences,
 University of Glasgow.
1991 - 2022 Lecturer / Senior Lecturer in Geomatics, School of Geographical &
 Earth Sciences, University of Glasgow.
1989 - 1991 Manager / consultant, Solent Mapping & Charting, University of
 Portsmouth Enterprises Ltd.
1987 - 1991 Senior Lecturer, Department of Geography, University of Portsmouth.
1981 - 1987 Lecturer / Assistant Professor, Department of Geography, Memorial
 University of Newfoundland, Canada.
1979 - 1981 Graduate Assistant, Department of Geography, Queen's University,
 Kingston, Canada.
1977 - 1979 Land Surveyor, Hunting Surveys Ltd., Borehamwood, Hertfordshire

Key administrative responsibilities and experience

School / Department

Convener, Postgraduate Teaching 2011-20
Programme Director, MSc in Environmental Management, Glasgow/Nankai Joint
Graduate School, 2013-18
Programme Director MSc Geomatics Programmes 2012-16
Programme Director, MSc in Geoinformation Technology & Cartography 1996-12;
2016-20

University

Elected member of Senate, 2002-2019
University Learning & Teaching Committee 2017-21
Senate E-Learning Strategy – Implementation Working Group 2014-16
Academic Standards Committee Student Feedback Working Group 2013-14
University of Glasgow / Nankai University Joint Graduate School – Member of Joint
Academic Board 2013-18
Science Taught Programmes Committee 1997-2004; 2007-14; Convener 2009-14
Faculty CPD Officer 2004-10
Faculty Teaching Quality Assurance Officer 1997-2004

External

External Examiner Royal School of Military Survey, MSc Geospatial Intelligence 2019-
External Examiner University of Portsmouth BSc GIS; MSc GIS 2006-10

List of publications available on request

Terms of Reference 2023 - 2027

- Continue to develop the research agenda for topographic mapping in association with partners in academia and in industry (national mapping organizations and commercial producers of topographic maps).
- Enable and facilitate research generation and staff exchange between producers of topographic mapping.
- Establish and publish guidance for assessing topographic mapping products (print, web, digital data) in relation to their content, design and usability.
- Work in partnership with other ICA Commissions and Working Groups to organise and participate in joint events with the aim of advancing and disseminating knowledge regarding topographic mapping past, present and future.
- Develop and maintain the Commission website, incorporating news items relating to topographic mapping, a core bibliography on topographic mapping and other resources for those interesting in topographic mapping.
- Develop an online portal to allow easy access to information about producers and publishers of topographic mapping worldwide.
- Organise sessions at the 2025 and 2027 ICCs that focus on presenting the latest research with regard to topographic mapping and pursue its publication and wider dissemination.