



# 中国测绘学会

Chinese Society for Geodesy Photogrammetry and Cartography

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## Chinese Society for Geodesy, Photogrammetry and Cartography

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Prof. Thomas Schulz

Secretary General and Treasurer

International Cartographic Association (ICA)

### **Nomination of Dr. WANG Tao for Chair of the Commission on Education and Training (2023-2027)**

February 15, 2023

ICA Executive Committee,

On behalf of the Chinese Society for Geodesy Photogrammetry and Cartography (CSGPC), I am writing to nominate Dr. WANG Tao to serve for the second term as the Chair of the Commission on Education and Training for the period of 2023-2027.

Dr. Wang is a Professor with department of Geospatial Information Science of Capital Normal University at Beijing, China.

Dr. Wang has been actively organizing and contributing to academic events and a special issue of academic journal in his first term. He holds membership with the Chinese Society for Geodesy Photogrammetry and Cartography.



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We will support Dr. Wang to lead the Commission as its chair if he is elected at the General Assembly this year. CSGPC, as a national member, will work closely with ICA to fulfill its obligations.

Yours sincerely,

Zhenzhong Peng

Vice President and Secretary General

Chinese Society for Geodesy Photogrammetry and Cartography

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To: Mr Thomas Schulz  
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From: Dr. WANG Tao  
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Tao Wang's Statement as a Candidate for the Chair of  
the Commission on Education and Training of ICA

February 15, 2023

Dear ICA Executive Committee,

I am writing to acknowledge my willingness to serve for the second term as the Chair of the Commission on Education and Training (CET) of the International Cartographic Association (ICA) for the 2023-2027 period. I will work closely with the Executive Committee and the cartographic education community to fulfill the Terms of Reference of the Commission if elected by the General Assembly 2023.

As the Chair of the Chair of the CET between 2019-2023, we have organized three academic events with other Commissions and WGs and published a special issue on cartographic and geospatial information education. I appreciate the support by the Executive Committee and the international community of cartographic education.

Please find attached my CV. If you need any further information, please do not hesitate to contact me.

Sincerely,



Dr. Tao Wang

## Short Curriculum Vitae



### **Tao Wang**

Professor

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Dr. Tao Wang is a professor with the College of Resource Environment and Tourism of Capital Normal University, China. He is now the chair of the ICA Commission on Education and Training, a vice chair of the Commission on Cartography and GIS of the Geographical Society of China, and a vice chair of the Map Working Committee of the China Association for Geographic Information Service. He was the associate dean of College of Geospatial Information Science and Technology between 2016-2022. He had been working at the Chinese Academy of Surveying and Mapping, ETH Zurich before joining the Capital Normal University.

His research areas include geo-visualization of social statistical data, algorithms of cartographic generalization and digital terrain modelling, 3D simulation of flood disaster, and simulation of human behavior in smart cities. He has authored and co-authored 30 refereed research papers in academic journals. He teaches *Principles and Methods of GIS* (in English), *GIS Spatial Analysis*, *Regional Geography of North America*, and *Historical Geographic Information System*. Dr Wang has received awards in teaching and academic outputs like *Beijing Youth Distinguished Teaching Award* (2021), *Geographic Information Science and Technology Innovation Award* (2018).

# Mission

The ICA Commission on Education and Training (CET) acts as a forum to maintain an overview of cartographic and geospatial education worldwide; to deliver presentations, papers, workshops and contributions to other programmes, which focus on educational material in the subject of cartography and geospatial information science & technology; and to investigate and report on technologies, concepts and methods of educational and training courses. The CET webpages serve as a depository of records for such information.

## TERMS OF REFERENCE 2023-2027

The ToR collectively addresses the three basic functions of the CET:

- To monitor educational provision in the field of cartography and geospatial information science and technology (GIS&T)
- To advise on and to deliver educational material in cartography and GIS&T
- To consider the impact of generic research and experiences in education at all levels

In more detail the ToR of the CET involve:

- To organize and deliver workshops and sessions in ICCs (and online, eLearning alternatives), possibly in conjunction with other ICA Commissions, with committees on education of sister societies and other international bodies, to incorporate latest research findings into teaching and learning materials, introducing, in particular, knowledge transfer to developing member nations of ICA, and further to promote CET as an academic research community of cartographic and geospatial teaching.
- To organize training and capacity building seminars, particularly engaging early career faculty members, with an emphasis on learning from those ICA member nations which have been successful in expanding cartographic and geospatial education into various application scenarios and motivate international collaboration among higher learning institutions.
- To maintain a website for commission's news update, a membership database and teaching materials of cartographic and geospatial education, including bibliography, free geospatial datasets, software tools and case studies, which can be used or adapted by cartographic, geospatial and geographic educators at different levels.
- To support the ICA efforts of developing a Body of Knowledge (BoK) for cartography, which could be used for developing contemporary educational programmes and encouraging the creation of specific cartographic modules with valid and viable learning outcomes.
- To organize a special issue of a specific academic journal or an edited book to publish best practices, theories and findings of cartographic and geospatial education research.