

Journal of Global Positioning Systems

Aims and Scope

The Journal of Global Positioning Systems is a peer-reviewed international journal for the publication of original research papers, review articles, invited contributions, also including selected papers presented at non-referred conferences and symposiums. Articles should present discussions of technologies and applications of any positioning systems, including Global Navigation Satellite Systems (GNSS) and their various augmentations and local components, and other positioning and navigation technologies, such as indoor positioning, and inertial, visual navigation systems and their integrations. Articles presenting advances of other related areas, such as wireless communications, intelligent vehicle systems, sensor networks, spatial information and geosciences are also welcome. Short research and technical notes, book reviews, lecture series and commercial advertisements can be included. Specific questions about the suitability of prospective manuscripts may be directed to the Editor-in-Chief.

Editor-in-Chief

Jianguo Wang, Dr.-Ing., P. Eng., FEC., York University, Toronto, Canada, Email: jgwang@yorku.ca

Associate Editor-in-Chiefs (alphabetic)

Jianghui Geng, PhD., jgeng@whu.edu.cn
Wuhan University, Wuhan

George Liu, PhD., lszzliu@polyu.edu.hk
The Hongkong Polytechnic University, HK

Jian Wang, PhD., wangjian@bucea.edu.cn
Beijing University of Civil Engineering and Architecture, China

Dongkai Yang, PhD., edkyang@buaa.edu.cn
Beihang University, Beijing

Yunbin Yuan, PhD., yybgps@whigg.ac.cn
Innovation Academy for Precision Measurement Science and Technology, China Academy of Sciences (CAS), Wuhan

Editorial Board (alphabetic)

Xiangdong An, PhD.,
xiangdong.an@seu.edu.cn, Institute of Communication and Navigation, German Aerospace

Benjamin Brunson, PhD.,
bjbrunson@gmail.com, Trimble – Applanix, Richmond Hill, Canada

Changsheng Cai, PhD., csuca@csu.edu.cn,
Central South University, Changsha

Junping Chen, PhD., junping@shao.ac.cn,
Shanghai Astronomic Observatory, CAS

Wu Chen, PhD., lswuchen@polyu.edu.hk,
Hong Kong Polytechnic University, HK

Yuwei Chen, PhD., chinawayfgi@163.com
Hanzhou Institute for Advanced Study, University of CAS

Zhiping Chen, PhD., zhpchen@ecut.edu.cn,
East China University of Technology, Nanchang

Kai-Wei Chiang, PhD.,
kwchiang@geomatics.ncku.edu.tw,

Editorial Advisory Board (alphabetic)

Junyong Chen, PhD., Academician of CAS
National Administration of Surveying, Mapping and Geoinformation, China

Yongqi Chen, PhD.,
Hong Kong Polytechnic University, Hong Kong

Günter Hein, Dr.-Ing., Habil. Dr. h.c.
University FAF Munich, Germany

The Past Editor-in-Chiefs

Jinling Wang (Founding Editor-in-Chief), the University of New South Wales, Sydney, Australia

Yanming Feng, Queensland University, Brisbane, Australia

Ruizhi Chen, the Chinese University of Hong Kong, Shenzhen, China

Publication and Copyright

The Journal of Global Positioning Systems is an official publication of the International Association of Chinese Professionals in Global Positioning Systems (CPGPS). It is published twice a year, in June and December. The Journal is available in both print version (ISSN 1446-3156) and CD-ROM version (ISSN 1446-3164), which can be accessed through the CPGPS website at <http://www.cpgps.org/journal.php>. Whilst CPGPS owns all the copyright of all text material published in the Journal, the authors are responsible for the views and statements expressed in their articles. Neither the authors, the editors nor CPGPS can accept any legal responsibility for the contents published in the journal.

© CPGPS, 2002 - 2025. All the rights reserved.

National Cheng Kung University, Tainan

Shaojun Feng, PhD.,
dr.shaojunfeng@yahoo.com,
Qianxun Spatial Intelligence Inc., Shanghai

Yang Gao, PhD., P.Eng., ygao@ucalgary.ca,
University of Calgary, Calgary, Canada

Kaifei He, Dr.-Ing., kfhe@upc.edu.cn,
China University of Petroleum, Qingdao

Xiufeng He, PhD., xfhe@hhu.edu.cn,
Hehai University, Nanjing

Guanwen Huang, PhD.,
guanwen@chd.edu.cn,
Chang'an University, Xi'an

Shuanggen Jin, PhD., sgjin@shao.ac.cn,
Shanghai Astronomical Observatory, CAS

Haobo Li, PhD., haobo.li@rmit.edu.cn,
RMIT University, Melbourne, Australia

Xingxing Li, PhD., xxli@sgg.whu.edu.cn,
Wuhan University, Wuhan

Zeyu Li, PhD., lizeyu@sdust.edu.cn,
Shandong University of Science and Technology,
Qingdao

Zhenghong Li, PhD.,
zhenhong.li@chd.edu.cn,
Chang'an University, Xi'an

Xiaolin Meng, PhD.,
xiaolin_meng@seu.edu.cn,
Southeast University, Nanjing

Xiaoji Niu, PhD., xjniu@whu.edu.cn,
Wuhan University, Wuhan

Ling Pei, PhD., ling.pei@sjtu.edu.cn,
Shanghai Jiaotong University, Shanghai

Rui Shang, PhD., rui.shang@nuaa.edu.cn,
Nanjing University of Aeronautics and
Astronautics, Nanjing

C. K. Shum, PhD., ckshum@osu.edu,

Gerard Lachapelle, PhD., Dr. Techn, P.Eng.
University of Calgary, Canada

Jiancheng Li, PhD., Academician of CAE
Central South University, Changsha, China

Jingnan Liu, Academician of CAE
Wuhan University, China

Washington Yotto Ochieng, PhD.,

Ohio State University, USA

Minfeng Song, PhD., minfeng@hhu.edu.cn,
Hehai University, Nanjing

Qian Sun, PhD., qsun@hrbeu.edu.cn,
Harbin Engineering University, Harbin

Rui Sun, PhD., rui.sun@nuaa.edu.cn,
Nanjing University of Aeronautics and
Astronautics, Nanjing

Lei Yang, PhD., yanglei@sdau.edu.cn,
Shandong Agricultural University, Tai'an

Ling Yang, PhD., lingyang@tongji.edu.cn,
Tongji University, Shanghai

Zhixin Yang, PhD., zhixinyang@cqjtu.edu.cn,
Chongqing Jiaotong University, Chongqing

Ding Yi, PhD., yd8061150@outlook.com,
York University, Toronto, Canada

Baocheng Zhang, PhD., b.zhang@whigg.ac.cn,
Innovation Academy for Precision Measurement
Science and Technology, CAS, Wuhan

Frank Zhang, PhD., frank.zhang@ufv.ca,
University of the Fraser Valley, Abbotsford, Canada

Kefei Zhang, PhD., profkzhang@cumt.edu.cn,
China University of Mining and Technology,
Xuzhou

Xiaohong Zhang, PhD.,
xhzhang@sgg.whu.edu.cn,
Wuhan University, Wuhan

Ya Zhang, PhD., yazhang@hit.edu.cn,
Harbin Institute of Technology, Harbin

Dongsheng Zhao, PhD.,
dszhao_gnss@foxmail.com, China University of
Mining and Technology, Xuzhou

Huizhong Zhu, PhD.,
zhuhuizhong@intu.edu.cn,
Liaoning Technical University, Fuxin

Imperial College London, UK

Chris Rizos, PhD.,
The University of New South Wales, Australia

Peter J.G. Teunissen, dr.ir.
Delft University of Technology, The Netherlands

Chuang Shi, PhD., Academician of CAS
Beihang University, Beijing, China