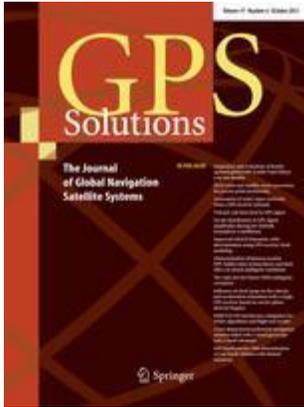


10 November 2017

LSGI Scholar Appointed to Editorial Board of the World's Top GNSS Journal “GPS Solutions”



Dr. George Zhizhao Liu at the Department of Land Surveying & Geo-Informatics (LSGI), the Hong Kong Polytechnic University (PolyU), has recently been appointed as one of the Editorial Board members for the “GPS Solutions”, a world’s top journal in the GNSS (Global Navigation Satellite Systems) field published by the Springer-Verlag GmbH, Germany.

The “GPS Solutions”, a highly respected journal in the international GNSS community, is a Science Citation Index (SCI) journal currently with an impact factor of 4.061 as of 2017, the highest one in the GNSS and related fields. It publishes quarterly with topics covering GNSS system design issues and a full range of current and emerging applications of GNSS such as GPS, GLONASS, Galileo, Chinese Beidou and various augmentations. The “GPS Solutions” journal can be found at the website: <https://link.springer.com/journal/10291>.

GNSS is one of the most rapidly growing technologies in modern society. Over the past decades, GNSS has successfully demonstrated its countless applications in the society from scientific research to engineering projects, from earthquake monitoring, atmosphere remote sensing, to commercial aviation navigation and pedestrian walking, to name a few. It has created enormous impacts on people’s daily life as billions of people are knowingly or unknowingly using GNSS services on a daily basis provided by their GNSS-capable smartphones.

Dr. Liu has been engaged in GNSS research for more than two decades and has made significant innovations and contributions to the GNSS community. His innovative method for GNSS carrier phase cycle slip detection and repair, a very fundamental issue for any high-precision GNSS applications, has been cited by more than 120 times in the past a few years and has been used worldwide in both academia and industry. His group was the world’s first to investigate the anomaly phenomenon in the GPS receivers’ recording of GPS satellite ionosphere coefficients, which has gone unnoticed in the GPS community for a few decades.