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Positioning and Navigation

Collection Editors:

Dr. Kourosh Khoshelham

Department of Infrastructure Engineering, The University of Melbourne, Melbourne, VIC 3010, Australia

Prof. Dr. Sisi Zlatanova

Faculty of Built Environment, University of New South Wales, Sydney, NSW 2052, Australia

Prof. Dr. Chris Rizos

School of Civil & Environmental Engineering, the University of New South Wales, Sydney 2052, Australia

Message from the Collection Editors

Location information is a fundamental human need in the modern world, with many of our decisions in daily life influenced by knowledge of our location. We frequently ask questions about where. Consequently, positioning and navigation systems have become invaluable tools in our lives. While Global Navigation Satellite System (GNSS) is the primary technology for positioning, it does not provide a ubiquitous solution due to signal attenuation in closed environments, such as indoors, tunnels, and urban canyons. Today, a great deal of research is focused on improving the accuracy, reliability and coverage of GNSS by combining sensors and existing spatial information. At the same time, a wide range of technologies is being leveraged to provide an effective positioning and navigation solution in GNSS-deprived environments.



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Topical Collection



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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