

Editorial

# Geomatics—An Open Access Journal

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Geomatics is an information technology discipline which integrates the tasks of gathering, storing, processing, modeling, analyzing, and delivering spatially referenced or location information. It encompasses the disciplines of surveying, hydrography, mapping, remote sensing (often called Earth observation) and geographic information processing, often called geographic information science (or GIS). As a professionally orientated discipline, Geomatics include services that meet the needs of society and which contribute to social, quality of life and the management of natural heritage and resources. Geomatics professionals may be involved in designing, conducting and managing activities relating to surveying, geography, satellite positioning, Earth observation systems, information systems, land development and planning, law and commerce. Geomatics professionals use the latest satellite, laser, acoustic, and information technology and are continually branching into new challenging areas of applications.

*Geomatics* (ISSN 2673-7418) is an international and interdisciplinary peer-reviewed open access journal to promote multi-disciplinary research over broad ranges geomatics innovative research and applications. The journal will be published quarterly online by MDPI. The rigorous and efficient editorial process seeks to make *Geomatics* an international publication to benefit the scientific community, government organizations, industries and the general public. The Editorial Board invites original contributions in the form of research papers, communications, letters, short notes, and reviews on all aspects of Geomatics including surveying and mapping, positioning and navigation, geodesy, photogrammetry, cartography and cadastral, hydrography, remote sensing, spatial data analysis, spatial information science, crowdsourcing/volunteered geographic information and geographic information systems.

**Conflicts of Interest:** The author declares no conflict of interest.



**Citation:** El-Sheimy, N. *Geomatics—An Open Access Journal*. *Geomatics* **2021**, *1*, 1–2. <https://doi.org/10.3390/geomatics1010001>

Received: 15 December 2020  
Accepted: 19 December 2020  
Published: 29 December 2020

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## Short Biography of Author



**Dr. Naser El-Sheimy**, Editor-in-Chief for *Geomatics*. Dr. Naser El-Sheimy is Professor and former Head of the Department of Geomatics Engineering, the University of Calgary. He holds a Tier-I Canada Research Chair (CRC) in Geomatics Multi-sensor Systems. He is a fellow of the Canadian Academy of Engineering, fellow of the US Institute of Navigation (ION), and Foreign Expert of China's 1000 Talent Program. His research expertise includes Geomatics multi-sensor systems, navigation of autonomous systems, and mobile mapping systems.

Dr. El-Sheimy has published two books, 6 book chapters, and over 450 papers in academic journals, conferences, and workshop proceedings, for which he has received over 30 national and international paper awards. He has supervised over 100 Masters and PhD students. He has been the recipient of many national and international awards, including the ASTech "Leadership in Alberta Technology" Award the Association of Professional Engineers, Geologists, and the Geophysicists of Alberta (APEGGA) Educational Excellence Award. Dr. El-Sheimy is the founder/co-founder of 4 successful companies and TECTERRA Center of Excellence. Dr. El-Sheimy was the president of Commission I on "Sensors and Platforms" of the International Society for Photogrammetry and Remote Sensing (ISPRS) from 2008 to 2012. He has organized and participated in organizing many national and international conferences and chaired many conferences, such as the USA Institute of Navigation Global Navigation Satellite Systems (GNSS). Dr. El-Sheimy is currently an associate editor of the *ION Navigation Journal* and a member of the Editorial Board of the *Journal of Satellite Navigation*, *MDPI Sensors*, *Journal of Applied Geodesy*, and *Coordinates*.