

**Call for Papers
GEO-SPATIAL INFORMATION SCIENCE (GSIS)
Special Issue on**

**“Advances in Photogrammetry”
in memory of Prof. Dr.-Ing. Dr.h.c.mult. Fritz Ackermann**

Guest Editors: Wolfgang Förstner, Dieter Fritsch, Deren Li, Jie Shan

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Aims and Scope

Prof. Ackermann passed away on Dec. 4 of 2021. He was a pioneer and founder of modern photogrammetry. Many past and current photogrammetrists have been influenced by him and his work. Documented in academic papers and textbooks, his seminal contributions have shaped many fundamental aspects of modern photogrammetry, including block adjustment, high precision image matching, and GPS supported aerotriangulation. Not only being an academic luminary, Dr. Ackermann was also an exceptional knowledge transformer that defined the standards and procedure of photogrammetry today.

In honor and memory of Prof. Ackermann, this special issue calls for papers in the broad and growing field of photogrammetry. They are meant to be inspired by or related to Prof. Ackermann’s professional contributions. The topics may include, but are not limited to

- imaging sensors and sensor integration
- theories and methods in photogrammetry and computer vision
- aero-triangulation, Structure-from-Motion (SfM), Simultaneous Localization And Mapping (SLAM)
- visual odometry and vision-based navigation
- image and point cloud processing and analysis
- 3D model generation from images and LiDAR
- automation, machine learning, and deep learning in photogrammetry

In addition to research and review papers, authors are also welcome to submit other types of papers, including personal papers and position papers that are meant to honor Prof. Ackermann.

Important Dates:

- Full paper manuscripts: July 31, 2022
- Review decision: August 31, 2022
- Finalized manuscripts: October 15, 2022
- Publication: December 4, 2022

Perspective authors should prepare their manuscript by following the author instructions of the journal Geo-Spatial Information Science (GSIS) (see

<https://www.tandfonline.com/tgsi>). Once you have finished preparing your manuscript, please submit it through the Taylor & Francis Submission Portal (<https://rp.tandfonline.com/submission/create?journalCode=tgsi>), ensuring that you select the appropriate Special Issue.

GSIS is indexed by the **SCI** (IF2020:4.288) and other databases (**EI, Scopus, DBLP, CSCD, GeoBase**).

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