FIG Commission 3 Workshop and Annal Meeting
In conjunction with
The 2ⁿᵈ Ramon International Geospatial Intelligence 360 (GeoInt360) Conference

Tel-Aviv, Israel, December 4-6, 2023

Call for Papers

Mitigation Strategies for the SDGs: Harnessing Spatial Information

Intro

This year, for the first time, FIG Commission 3 Workshop will be held in conjunction with the annual international Ramon GeoInt360 conference, which promotes the Israeli Geo-Intelligence ecosystem. The international conference serves as the perfect meeting place to present your research and development on mapping, spatial data and information management, education, imagery analysis, imagery intelligence, and geo-analytics that support sustainable and resilient future. During the event, scholars, experts, and practitioners will have the chance to present their work, meet and promote future collaboration.

About the conference

FIG Commission 3 annual workshop, titled "*Mitigation Strategies for the SDGs: Harnessing Spatial Information*", will promote academic and professional practices and standards in the field of Spatial Information Management. The joint conference will serve as a platform for presenting and discussing the most interesting use cases and cutting-edge technologies in, among others, geodata analytics, data acquisition platforms, space, AI, computer vision, and image processing for geospatial management and intelligence. Ramon GeoInt360 in 2022 hosted more than 1200 participants and delegates - from academia, industry, and national organizations - from all over the world. This year, it is expected to have an even bigger and more exciting conference, with renowned keynote speakers, new exhibitions and state-of-the-art research and development presentations and demos. The joint conference will present both commercial technologies and applications, such as sensing platforms and software, together with cutting edge R&D advances in geospatial analytics, geovisualization, computer vision, artificial intelligence - and many more.

The purpose of the joint conference is to facilitate collaborations in the international geospatial community – companies, scholars, and individuals - involved with developing and applying geospatial practices and intelligence to address global and social challenges, as well academic, commercial, and national security challenges. **By bringing together researchers, companies, investors, and government agencies, the joint conference will provide a fruitful meeting place for advancing technology and provide the setting for new cooperations.** International partners from industry, academia and government agencies involved with geospatial intelligence are invited to take part in this event.

For more information, please visit the GeoInt360 conference website at http://geoint360.com

We encourage you to use the VIP early bird tickets, available until September 15 at https://secure.eventmagix.com/2023_geoint360 (please tick the FIG3 box when registering).

FIG COMMISSION 3
Spatial Information Management

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

Call for papers

FIG Commission 3 and Ramon GeoInt360 2023 will serve as a platform to present the latest advancements in spatial management infrastructure and geospatial intelligence. The conference will provide an excellent opportunity to demonstrate recent research, developments, technologies, and policies, and to identify emerging tools, trends, and services. This year agenda emphasizes, among other topics, **on *harnessing spatial information* to mitigate the SDGs and on geospatial intelligence for sustainable and resilient Future.** Suggested topics - not limited to - for submissions are:

- Technological aspects in climate change and sustainable environments (SDGs)
- Geospatial planning, policies, and standards
- New-space dimension opportunities and applications
- Signal processing, image processing, computer vision and artificial intelligence
- Geospatial big data and geo-analytics
- Smart cities, digital twins, GIS, BIM, and SIM
- Indoor and outdoor mapping and navigation
- 3D modeling, analysis, and visualization, VR and AR
- GNSS/INS/WiFi positioning and navigation
- Aerial photogrammetry and remote sensing

Authors are invited to submit their **abstract** (in <u>English</u>) for oral or poster presentations. The abstracts will be peer-reviewed by experts in the field according to their scientific value, geospatial intelligence impact and originality of work. Upon acceptance, authors are required to submit an extended abstract for proceedings publication. Authors will be notified of the status of their presentation after completion of the evaluation process. Authors of original and innovative extended abstracts will be invited to submit their work to be published in a special issue at an international journal after the conference. Registration fee is **waived** for authors of accepted abstracts (one author per abstract).
Oral and poster presentations guidelines will be sent to authors upon acceptance.

Submitting you abstract

Please submit a *.pdf document no later than **August 27, 2023,** at **https://easychair.org/conferences/?conf=geoint360.** Please tick the FIG3 box when submitting your abstract. Please make sure you fill in all required details and submit your file without author details. All abstracts should be no longer than <u>2 pages</u> in font size 12 and line-spacing 1.5. Abstracts must include a clear title, keywords, and a summary of your contribution (i.e., scientific field, research question and objectives, solution, and experimental evaluation). Integrating illustrations, tables, preliminary results, and references is encouraged. <u>Late submissions will be rejected</u>.

Planned dates

1. Abstract submission due date – August 27, 2023 *(updated)*
2. Decision notification – September 12, 2023
3. Extended abstract submission due date – October 29, 2023
4. Complete registration - November 5, 2023
5. Presentation submission due date – November 12, 2023

Should you have any question please email us at dalyot@technion.ac.il