



**Nomination Template for
Commission Chair Elect 2021-2022
(for the positions of Chair of Commission for the term 2023-2026)**

Commission no. 3 - Spatial Information Management	
Nominee	
Name	Dr. Sagi Dalyot
Country	Israel
Contact Address	Faculty of Civil and Environmental Engineering, The Technion, Technion City, Haifa 3200003, Israel
E-mail address	dalyot@technion.ac.il https://ecsl.net.technion.ac.il/
Age	49
Degrees and educational background	<ul style="list-style-type: none">• 2010, Ph.D., Mapping and Geoinformation Engineering• 2000, M.Sc. Geodetic Engineering• 1997, B.Sc. Geodetic Engineering
Employment history - current position - previous	<ul style="list-style-type: none">• Senior Lecturer, Mapping and Geoinformation Engineering, Faculty of Civil and Environmental Engineering, Technion – Israel Institute of Technology.• 2013-2016, Lecturer, Mapping and Geoinformation Engineering, Faculty of Civil and Environmental Engineering, Technion – Israel Institute of Technology.• 2010-2013, Postdoctoral research fellow, Institute for Cartography and Geoinformatics (IKG), Leibniz University Hannover, Germany.• 2011-2013, Adjunct lecturer, Institute of Water Resources Management, Hydrology and Agricultural Hydraulic Engineering, Leibniz University Hannover, Germany.• 2007-2010, Adjunct lecturer, Urban and Regional Planning, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology.• 2007-2010, Senior expert, Standards Department, the Ministry of Defense, Israel.



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	<ul style="list-style-type: none"> • 2004-2010, Teaching instructor, Mapping and Geoinformation Engineering, Faculty of Civil and Environmental Engineering, Technion – Israel Institute of Technology. • 2000-2004, Project Manager and System Analyst, Taldor. Leading, managing, and assimilating R&D and GIS projects. • 2000, Research assistant, the Department of Geophysics and Planetary Sciences, Tel-Aviv University, Israel. • 1997-2000, Teaching assistant, Mapping and Geoinformation Engineering, Faculty of Civil and Environmental Engineering, Technion – Israel Institute of Technology.
<p>Positions of trust</p> <ul style="list-style-type: none"> - current - previous 	<p>Among others:</p> <ul style="list-style-type: none"> • Vice President, The Israeli Society of Photogrammetry and Remote Sensing (ILSPRS). • 2018-2022, Secretary WG IV/5: Indoor/Outdoor Seamless Modelling, LBS and Mobility, ISPRS – International Society for Photogrammetry and Remote Sensing. • 2018-2022, Commission Member, International Cartographic Association (ICA) Commission on Location-Based Services (LBS). • 2009-2010, Committee Consultant – GIS, The Standards Institution of Israel (SII).
<p>Positions in FIG</p> <ul style="list-style-type: none"> - current - previous 	<ul style="list-style-type: none"> • 2019-2022, Chair of Working Group 3.4 - User-Generated Spatial Content Empowering Communities. • 2015-2018, Chair of Working Group 3.4 - Crowdsourcing and VGI. • 2011-2014, Vice-Chair of Administration, Commission 3.
<p>Other activities in FIG</p>	<p>During the last 10 years I have participated in many FIG Congresses, annual Working Weeks, and most Commission 3 annual meetings and workshops.</p> <p>During these events, I presented many presentations and submitted numerous peer-reviewed papers related to the various FIG activities, namely: 3D Cadaster,</p>



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	<p>Crowdsourcing, Spatial Information and Analysis, GIS – to name a few.</p> <p>I served as organizing and program committee member in many FIG Commission 3 workshops, and as a program committee in 2020 FIG Working Week and Congress. Other than conference papers, I co-authored several FIG publications, among them Article of the Month (2014 and 2015), and Reports (No. 65 and 73).</p>
<p>Field of surveying discipline</p>	<p>Digital Mapping; Geographic Information Systems; Spatial Information Management; Geospatial Data Infrastructures; Geographic User-Generated Content; Contributed Mapping; Geographic Crowdsourcing; 3D Cadaster; Spatial Data Analysis.</p>
<p>Nominees Statement:</p>	
<p>Why I want to be a Commission Chair and what I would like to achieve</p>	<p>Being active for the last 10 years in FIG and Commission 3 activities on the one hand and having more than 25 years of experience in the academics and the private and public sectors on the other hand, I have gained a clear vision of how the one can nourish the other. The FIG organization clearly outlines new perspectives and actions in which the land surveyor and specialist transforms plans and ideas into realities, while the academics contribute new understandings and technologies to mitigate them.</p> <p>I believe that we are in the beginning of a new digital and technological era, in which the land surveyor is transforming its profession and activities, requiring her/him to gain new skills and knowledge. Cities are getting bigger, populations are growing larger, ubiquitous information technologies are evolving, and as such new perspectives of spatial data handling and spatial information management are sought and required.</p> <p>I believe that the expertise I gained in 3D cadaster and spatial information management and analysis, emerging technologies and new perspectives of spatial data sources and analysis, allow me to actively serve and contribute to the transforming activities of Commission 3. I would like to realize the adoption of new working methodologies and technologies by the land surveyor, together with the</p>



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	<p>strengthening of joint-activities and collaborations with scholars from around the world, focusing mainly on developing countries. I also aspire to strengthen FIG as a scientific platform of first-rate research publications among its sister organizations and the academics and motivate FIG delegates to publish and present high-quality publications and presentations.</p> <p>I believe that I can continue the work done by the previous Commission Chairs to lead Commission 3 to a very successful and productive work, focusing on high-quality annual workshops that focus on emerging topics, motivate professionals from industry and academia to participate and contribute their knowhow for the benefit of our profession and our society.</p>
<p>What I can offer to FIG in support of the aims and objectives of the Commission</p>	<p>My focus for supporting the aims and objectives of Commission 3 are:</p> <ul style="list-style-type: none"> • Encouraging the participation and collaborations of scholars and professionals from developing countries. • Encourage the publication of high-quality research reports and papers, together with encouraging scholars from the academia to achieve a synthesis of practical and theoretical aspects within the Commission’s workshops. • Organize joint meetings, sessions, and publications with sister FIG commissions. • Promote the publication of special issues in scientific publications to promote the Commission’s events and its achievements. • Strengthen the cooperation with sister FIG organizations, e.g., ISPRS and ICA, aspiring to arrange joint events.
<p>My key skills</p>	<p>I have a rich background of practical professional activities – in the academia and in the private and public sector, leading small and large groups, national and international ones. I have participated in many and various activities within FIG, knowing firsthand its goals and missions. I have the willingness and enthusiasm to devote time and effort to the advancement and success of Commission 3.</p>




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Any other general comments	I believe contribution is measured by its social and human merit. FIG's mission is both, and as such it would be a great opportunity for me to join this aspiration and to contribute to the forthcoming term.
Nominator	
Name of member Association	Association of Licensed Surveyors in Israel
Name and title of contact person	Prof. Dr. Yerach Doytsher, President of the Association of Licensed Surveyors in Israel
Contact address	34 Itzhak Sadeh St., P.O. BOX 51668, Tel Aviv 6721207, Israel
Email address	alsi@alsi.org.il
Nominator's statement	
Why the association wants to nominate Nominee	<p>Dr. Sagi Dalyot holds B.Sc., M.Sc., and PhD degrees in Mapping and Geoinformation, and is a Senior Lecturer at the Mapping and Geoinformation Engineering Department, The Technion.</p> <p>Dr. Dalyot has a notable experience of practical mapping, GIS and geoinformation engineering in the public and private sectors in Israel, and constantly contributes to our profession. In the last decade, as an academic researcher, he developed new methodologies and ideas in terms of the continuous challenges and change of our profession. His extensive research experience in the different aspects of the land surveying profession, namely digital mapping and geodata analysis, are very relevant to Commission 3 activities.</p> <p>Dr. Dalyot has been involved in the last decade in numerous and varying FIG matters, contributing to the organization activities and mission. He has served as an Israeli delegate to commission 3 for more than 10 years, and had participated in many FIG conferences and</p>



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	workshops, sharing his experience by lecturing on his fields of expertise.
Support the Association can offer the Nominee (financial and other)	The Association of Licensed Surveyors in Israel will give full administrative, professional, and financial support to Dr. Dalyot in fulfillment of his many tasks as Chair of FIG Commission 3 once he is elected.
Any other comments	Dr. Dalyot is personally and professionally a devoted nominee, appropriate to carry out the position of Chair of FIG Commission 3. Once elected, Dr. Dalyot will undoubtedly contribute immensely to FIG and the international community of land surveyors.
Signed I hereby certify the above is true and correct	
Date	December 8, 2020
Nominee	
Nominator	