



CASLE News

The Impact of Artificial Intelligence (AI) on the surveying profession in the Commonwealth

AI, digitalisation and immersive technologies are becoming increasingly common in the built environment professions. *The Impact of Artificial Intelligence (AI) on the surveying profession in the Commonwealth* was the theme of 27th CASLE conference organised by The Institution of Surveyors of Uganda (ISU) together with the CASLE Secretariat. The event took place on 26 - 27 October 2023, at Makerere University Kampala, Uganda.

AI has disrupted and continues to disrupt services and as professionals of the Built Environment, the need to have a conversation on its impact is one of great importance. The conference is a crucial activity of CASLE and has attracted participants from all over the Commonwealth countries to discuss critical insights of surveying in relation to AI.

Topics covered by the conference were: Artificial Intelligence (AI) use in Land Management and Administration; Embracing digital transformation in Surveying and Technology for sustainable development; Industry, Innovation and Infrastructure development in the 21st century; Sustainable Cities and Communities, living up to the SDGs; Surveying to achieve the SDGs through digital transformation; and Cost management and effective costing of SDGs in the digital era.

Also see Dr Abdul-Majeed Mahamadu immersive technologies keynote at the International SEEDS Conference 2023 on page 2.

Nigerian Institution of Surveyors elect new President

A new President for the Nigerian Institution of Surveyors (NIS) was elected on 22 June 2023, effective from that date, for a term of two years at the 2023 AGM [Home \(nisngr.net\)](http://Home(nisngr.net)). He is Surv. Dr. M.O. Ibitoye FNIS (Assistant Professor 31-01-2023). He has taken over from Surv. Dr. Kayode Oluwamotemi FNIS.



Dr M.O. Ibitoye FNIS



Courtesy Visit of Executive of Africa Association of Quantity Surveyors (AAQS) to Afriexim (Africa Import Export Bank) in Cairo Egypt for possible Partnering on Funding.

Charting a course to sustainable tourism

James Kavanagh MRICS in an RICS podcast interviews Jeremy Sampson, CEO of the Travel Foundation, on how can we achieve more sustainable tourism, why it's important and the consequences if we fail to achieve this. The Travel Foundation is dedicated to ensuring tourism has a positive impact on destination communities. You can listen to the podcast *Charting a course to sustainable tourism* [here](#) (just scroll down to the title) or from your preferred podcast provider.

CASLE Taskforce Member Delivers Keynote on Immersive Technologies at the International SEEDS Conference 2023

CASLE Taskforce member, Dr Abdul-Majeed Mahamadu has delivered a keynote at the [International SEEDS Conference 2023](#) on the applications of *Immersive Technologies in the Architecture Engineering and Construction sectors*.

The International SEEDS Conference was held in Ipswich, UK and brought together experts from around the world to discuss changes required to minimise the impact of human activity on the environment in the following themes: Blue/Green Infrastructure; Sustainable Healthy Communities; and Energy and Resource Management. The conference goals included identification of smart technology and solutions for achieving the conference themes.



Dr Abdul-Majeed Mahamadu delivers a keynote at the International SEEDS Conference 2023

Dr Mahamadu's keynote provided insights from his research on immersive technologies and discussed how they can be applied as smart solutions for achieving efficiency, collaboration, productivity, health and wellbeing in the context of managing design and construction project delivery. The keynote discussed the maturity and state of application of these technologies and reviewed their utility and usefulness in participatory design and stakeholder engagement as well as safety and wellbeing management of the construction workforce. The technologies reviewed included distributed

virtual reality (VR), augmented reality (AR) and the integration of artificial intelligence techniques into VR for enhancing immersive technology efficacy when used in built environment scenarios.

Virtual and immersive technologies are becoming commonplace in the architecture, engineering and construction (AEC) sectors, as a result of proliferation of low-cost immersive devices and increasing use of digital design and construction workflows. Immersive technologies include, virtual, augmented, mixed and extended reality technologies. These technologies create experiences through the

development, simulation and integration of virtual and physical environments. This keynote provided a review of the maturity and state of application of these technologies in the construction sector through a discussion of research projects and case studies that have been developed and tested in various construction scenarios. The application areas include design collaboration, stakeholder engagement and safety training. The technologies applied include distributed virtual reality for remote virtual communication as well as integration of artificial intelligence techniques into VR for enhancing immersive experiences. Based on these practical case studies, the keynote outlined implementation, utility and applicability challenges for construction as well as outline some opportunities for mainstreaming immersive technologies in the construction sector. In summary, there are many benefits of using immersive technology in the AEC including, enhanced collaboration, effective

communication, realism in virtual simulation and cost savings associated with physical operations such as design coordination. However there are a number of challenges including low digital skills in the sector as well as technology integration challenges.

Dr Abdul-Majeed Mahamadu is an Associate Professor at the University College London (UCL), Bartlett School of Sustainable construction (BSSC).

The Institute of Surveyors of Trinidad and Tobago – Regional Surveying Conference

The Institute of Surveyors of Trinidad and Tobago (ISTT) held its Regional Surveying Conference and Cocktail reception on 5-6 October, 2023. The theme for this year's conference was *Sustainable Development through Digital Transformation & Innovation: A Surveying Perspective*. The Conference was an in-person event held in Port of Spain, Trinidad and Tobago and featured several dynamic local, regional facilitators, regulators, professional surveying organizations and industry leaders who are key decision makers that play significant roles in the economy.

Young Surveyors' Contest 2023 – Winners announced at INTERGEO

RICS was proud to see a UK graduate (Newcastle University - on an RICS accredited course) win the prestigious student award in the Bachelor's and Master's Degree category for the first time at October's INTERGEO global geospatial exhibition and conference in Berlin. This event was also attended by numerous members of CASLE, especially a strong delegation from GhIS. The competition is fierce and the award (1500 euro plus all expenses paid trip to INTERGEO) is much sought after. Several hundred students from geospatial and land management courses across Europe were also in attendance.

Winners in the Bachelor's and Master's Degree category:

1. First Prize – Mohamed Al Hashmi – [Automating the detection of oil spills from Sentinel-1 SAR imagery using deep learning](#) (Geospatial Surveying and Mapping at Newcastle University, United Kingdom)
2. Second Prize – Asnate Egle – [GIS solutions for road display and management](#) (Department of Geomatic at Riga Technical University, Latvia)
3. Third Prize – Miloš Tutnjević – [Creation of thematic maps and 3D models of objects using UAV and LiDAR technology](#) (University of Banja Luka, Bosnia and Herzegovina)

RICS is a founding member of CLGE.



Further details of the contest can be found at:

[CLGE Young Surveyors' Contest 2023 – winners announced at INTERGEO - Council of European Geodetic Surveyors](#)

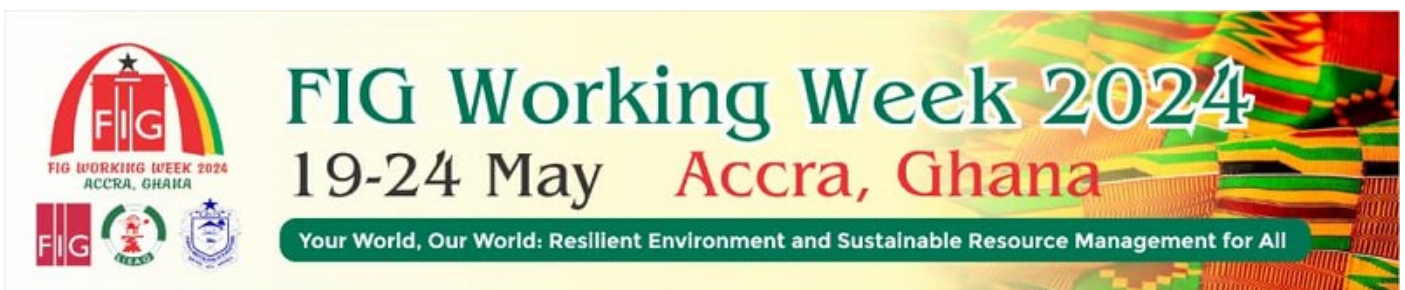


FIG Working Week 2024, 19 - 24 May – Accra, Ghana

Conference: 20 - 22 May 2024

FIG General Assembly: 19 - 23 May 2024

Pre-events: 18 -19 May 2024

Theme: [Your World, Our World: Resilient Environment and Sustainable Resource Management for All](#) (for more info)

Surveyors and geospatial experts are key players in ensuring social justice, environmental health, and economic development — the pillars of sustainability. Contribute your expertise and ideas to shape a brighter, more sustainable future.

CASLE is delighted to be working alongside FIG for the success of this important global event. CASLE will hold a special session within the FIG programme for our member organisations and members who will be in attendance and is also in the process of developing a lasting and mutually beneficial relationship with FIG.

Royal Institution of Surveyors Malaysia report for CASLE (July to September 2023)

A: General Council

a: 31st Pan Pacific Congress of Real Estate Appraisers, Valuers and Counsellors (31st PPC)

Date: 5 - 8 September 2023
Venue: New Taipei City, Taiwan ROC
Organiser: Chinese Institute of Land Appraisal (CILA)
Theme: The Impacts of Covid-19 and Global Political Economy on Real Estate
Participants: 458
Programme:

5 September 2023 – PPC Board of Directors Meeting
6 - 7 September 2023 – Opening Ceremony, Paper Deliberations, Closing Ceremony, Congress Banquet and Gala Dinner, Presentations of two Best Paper Awards.
8 September 2023 – Choice of one of three Technical Visits.

Next Organiser:

32nd PPC, Singapore Institute of Surveyors and Valuers (SISV) from 3 - 6 November 2025

Previous Organiser:

30th PPC, Royal Institution of Surveyors Malaysia (RISM), 4 - 5 October 2021 (a totally virtual event)

Photo Gallery of the 31st PPC

PPC BOARD OF DIRECTORS MEETING



OPENING CEREMONY



GALA DINNER



Royal Institution of Surveyors Malaysia report for CASLE (July to September 2023)

PAPER PRESENTATIONS



BEST PAPER AWARDS PRESENTATION



TECHNICAL VISITS



b: RISM Academy Session 2023/2024

Summary of Webinar Series – September 2023

Half-Day Seminar on Alternative Dispute Resolution (ADR) for Consultants

- Speaker: Sr Ong Hock Tek
- Date: 6 September 2023
- Total participants: 147 participants
 - Member – 128 participants
 - Non-Member – 19 participants

Social Ethics and Event Management

- Speaker: Assoc. Prof. Ts. Sr Dr. Mohd Fadzil B. Mat Yasin
- Date: 13 September 2023
- Total participants: 35 participants
 - Member – 20 participants
 - Student – 5 participants
 - RISM Staff – 10 participants

Royal Institution of Surveyors Malaysia report for CASLE (July to September 2023)

Webinar series held in October 2023

The image displays four promotional posters for webinars organized by RISM Academy. Each poster includes the following information:

- Webinar Problem Solving:** A need that is taken for granted. 4th October 2023, Wednesday, 11:00 am - 12:30 pm. Speaker: Dr. Ahmad Fauzi.
- Webinar Negotiation:** everything is negotiable. 18th October 2023, Wednesday, 11:00 am - 12:30 pm. Speaker: Dr. Ahmad Fauzi.
- Webinar PERSONAL BRANDING:** Brand U. 18th October 2023, Wednesday, 11:00 am - 12:30 pm. Speaker: Dr. Ahmad Fauzi.
- Hybrid Conference RISM INAUGURAL EFFECTIVE DISPUTE RESOLUTION STRATEGIES FOR SURVEYORS:** 17 October 2023 | TUESDAY, 9:00AM - 5:30PM. Venue: ASIAN INTERNATIONAL ARBITRATION CENTRE, KUALA LUMPUR.

Each poster also features a QR code for registration and contact information for RISM Academy.

B. Divisional Reports

a. Property Surveying Division

The 25th AVA Congress, hosted by AVA Malaysia (ASEAN Valuers Associations Malaysia), explored the theme of **Emerging Stronger: Scaling new heights in Real Estate and Business Valuation**. The Congress took place from 18 - 20 September 2023 in the beautiful City of Kuching, Sarawak, Malaysia. A total of 477 participants from 16 countries within and beyond ASEAN, including the United States of America, France, South Korea and Japan attended the three-day Congress. The topics included the importance of artificial intelligence, future proofing real estate investment valuations, and challenges of the industry. With an impressive lineup of speakers and panellists, attendees gained valuable knowledge and network with like-minded professionals.



Royal Institution of Surveyors Malaysia report for CASLE (July to September 2023)

Quantity Surveying Division

PAQS 2023 Congress

Date: 25 - 26 September 2023
Venue: Berjaya Times Square Hotel
Attendance:
Malaysians: 285
Non-Malaysians: 224

RISM (QS Division) successfully organised the Pacific Association of Quantity Surveyors (PAQS) Congress 2023 from 22 - 26 September 2023 at Berjaya Times Square Hotel, Kuala Lumpur. The theme for the PAQS Congress 2023 was **Decarbonising the Future: Role of QS** with the intent to bring delegates closer to synergising this effort of decarbonisation of our built environment. Themes covered were Quantity Surveyors' roles, practices and management in carbon efficiency; building liveable and resilient cities, integrative and collaborative project delivery; and construction materials for a low-carbon future.

Further info on the PAQS Congress 2023 can be found at <https://paqs2023.com/>. The programme commenced with the Young QS Programme which was held over two days. The first day event was the ice-breaking and presentation of country report held at RISM HQ, PJ on 22 September 2023. There were 27 representatives from 9 countries who attended: Brunei, China, Hong Kong, China, Japan, Malaysia, New Zealand, Philippines, Singapore and Sri Lanka.

The Opening Ceremony consisted of the countries' flags parade to escort the Guest of Honour into the ballroom, followed by a Cultural Dance Performance.

The Congress was officiated by the Guest of Honour, Chair of PAQS, Professor Chitra Weddikkara, who also delivered an Opening Speech.

The handover of the PAQS Chairmanship was also officiated during the main congress where Professor Anthony Mills of the Australian Institute of Quantity Surveyors (AIQS) received the PAQS Chairman's Chain from outgoing Chair, Professor Chitra Weddikkara of the Institute of Quantity Surveyors, Sri Lanka (IQSSL).



(Please see page 8 for more photos from the PAQS 2023 Congress)

PAQS Congress 2023

More photos from the PAQS Congress 2023. Featuring outgoing Chair, Professor Chitra Weddikara of the Institute of Quantity Surveyors, Sri Lanka (IQSSL).



Call for Content

The CASLE newsletter is published quarterly. The next edition is due to be sent out to members around 14 December 2023. If you have details of any upcoming conferences, summaries of conferences, abstracts from papers, articles or any other information you would like to share with CASLE members, **please submit any copy to smatz@rics.org by 11 December.**