



Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

Empowering the Next Generation of Surveyors: Innovations in Education for Professional Standards, Geospatial Infrastructure, and Sustainable Development

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Monday 7th April 2025



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Session Overview

Empowering the Next Generation of Surveyors

- The Future of Surveying: Why Now?
- Education in Transition
- Lifelong Learning & CPD
- Work-Based Learning Models
- Technology and Training
- Sustainability & the SDGs
- Professional Standards & Accreditation
- Empowering Young Surveyors
- ITA's Role in Shaping the Future
- Recommendations and Next Steps
- Wrap-Up & Final Thoughts



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The Future of Surveying: Why Now?

- Shift from traditional learning to hybrid and work-based models.
- Importance of Continuing Professional Development (CPD).
- The need for flexible and accessible education pathways.

What do you think is the biggest challenge facing the surveying profession today?

Discussion: “How is your workplace adapting to these pressures?”

Education in Transition

- Shift from traditional learning to hybrid and work-based models.
- Importance of Continuing Professional Development (CPD).
- The need for flexible and accessible education pathways.

How flexible is the current education model in your experience?

Discussion: “What learning pathway did you follow into surveying?”

Lifelong Learning & CPD

- Diversity brings new perspectives and innovative solutions.
- Inclusive workplaces lead to better decision-making and problem-solving.
- The surveying profession benefits from a variety of backgrounds and experiences.

How often do you engage in CPD?

Discussion: What's been your most impactful CPD experience?

Work-Based Learning Models

- Learning embedded in the job
- Accessible for remote/regional workers
- Scalable, real-world relevance

What benefits do you see in work-based learning?

Discussion: Has your team used a work-based model? What worked?

Technology and Training

- GNSS, drones, photogrammetry, remote sensing
- Hands-on + theory = best practice
- Digital literacy is essential

Which technology has most impacted your work?

Discussion: How is your team using new tech in the field?



Sustainability & the SDGs

- Surveyors help deliver ALL SDGs
- Spatial data = vital for planning and climate
- Education must teach ethical land use



SDG Impact

Which SDG do surveyors support most?

1st relevant SDG

4 QUALITY EDUCATION



2nd relevant SDG

5 GENDER EQUALITY



3rd relevant SDG

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals

Professional Standards & Accreditation

- Standards build trust and mobility
- Accreditation supports consistent quality
- Must adapt to tech and flexible

Do standards keep up with industry changes?

Discussion: Why are professional standards important to you?

Empowering Young Surveyors

- Support + leadership = retention
- Peer networks and mentoring
- Advocacy and public visibility

What motivates young people to join surveying?

Discussion: How do you or your company support young professionals?

ITA's Role in Shaping the Future

- National leader in hybrid training
- Accessible across regions
- Strong industry alignment

Had you heard of ITA (Surveyors Academy) before today?

Discussion: Could hybrid training help your team?

Recommendations & Discussion

- Support hybrid education models
- Invest in young talent
- Strengthen industry partnerships
- Align education to the SDGs

Which recommendation should we prioritise first?

Discussion: What's one action you can take this year to support change?



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