



Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

Engaging Primary School Students (and Their Parents) with Surveying

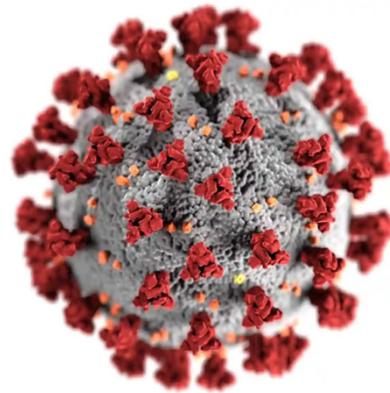
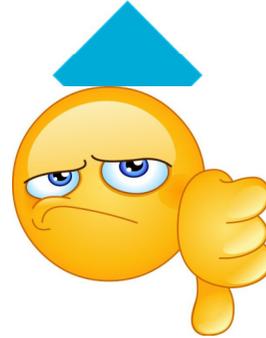
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PLATINUM SPONSORS



It all started here...



SSM Spotting

- Initiative to engage primary school students (and their parents) with surveying.
- Educational & fun, while also promoting community engagement & delivering real-world benefits to surveying profession.
- Students to take parents/carers for walk in local neighbourhood & find **State Survey Marks (SSMs)** located along the kerb.

- Investigate mark's health status & take photographs of mark & its surroundings.



Outcome

- Successfully captivated students' interest.
- 275 survey marks spotted & photographed.
- Associated metadata updated on public record, contributing to maintenance of NSW survey control network.
- SSM spotting is easily adaptable for high school or tertiary students.
- Activity has potential to target citizen science or fundraising.



Survey Mark Photos



Metadata Update on Public Record (SCIMS)

Manual Update

SCIMS 2000

Mark **SS** 97645

Mark Details

Ecce	Mark Type	Mark Location	Placed By	Date Placed
0	UNKNOWN	GROUND LEVEL		

Oops!

COORDINATES ALIAS/STATUS BEACON TRIG CAD REF

Mark Alias

Alias Name

Mark Status

Status: _____ Comments: _____ Date Reported: _____

New Mark Retire Mark Save Search Exit

Manual Update

SCIMS 2000

Mark **SS** 97645

Mark Details

Ecce	Mark Type	Mark Location	Placed By	Date Placed
0	SSM TYPE 2	GROUND LEVEL	BATHURST REGIONAL COU	18-JAN-1999

Oops!

COORDINATES ALIAS/STATUS BEACON TRIG CAD REF

Mark Alias

Alias Name

Mark Status

Status: **FOUND INTACT** Comments: **SSM SPOTTING. BATHURST SOUTH PUBLIC SCHOOL.** Date Reported: **14-JUL-2023**

New Mark Retire Mark Save Search Exit

Survey Mark Repair

- Health status notes & close-up photos used.
- SSM plaque wobbling, removable or buried by bitumen.
- **Trip hazards** due to PM cover box lid stuck or missing.
- PM cover box **pushed off mark**
→ mark could not be occupied.



Conclusion

- **SSM spotting:**
 - Engage primary school students.
 - Promote community engagement.
 - Deliver real-world benefits.
- Successful outcome (**275 marks**) despite challenges encountered.
- Easily **adaptable** for high school or tertiary students.
- Potential for citizen science & fundraising.

- **Aim:** Educate general public, raise profile of surveyor & attract more people to profession.



The most relevant SDGs related to the presentation and theme of this session

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



WORKING WEEK 2025

AND

Locate25 | **G**
THE NATIONAL GEOSPATIAL CONFERENCE

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STEP 1: SELECT HERE THE THREE MOST RELEVANT SDGs
STEP 2: COPY THE SDG INTO PREVIOUS SLIDE

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION 	7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	