



EduDrone 2021 PROGRAM

Sharing Experiences »
Connecting Community »
Creating Partnerships »



education.shemaps.com/EduDrone

CATEGORIES



Primary /
Elementary



Middle /
Secondary



Tertiary



Industry



STEMspiration

DAY 1

SPEAKER

TITLE

CATEGORY

MONDAY 9 AUGUST: 10AM BRISBANE / SUN 8 AUG 8PM NEW YORK

Sonja Bernhardt OAM

The failure of STEM intervention programs - what we did wrong and how you can learn and improve in the future



Fiona Lake
Rural Drone Academy

Careers in aerial image-making industries - realistically appraising the situation today, tips for students and predictions



Chris Swallow
Mountain Creek State High School

Drones in classrooms



Paul Mead
She Maps

I Will Show You How in 7 Minutes - How to remove the gremlins from your drones before you fly



MONDAY 9 AUGUST: 7PM BRISBANE / 10AM LONDON

Shelley Ware

Embedding Aboriginal and Torres Strait Islander history and culture into classrooms



Joan Li
GeoNadir

SeeCucumbers - How to use AI to detect sea cucumbers from drone imagery



Dave Capill
Toolooa State High School

Building a community supported STEM program








Private Mackenzie Togo
Australian Army Drone Racing Team

The Australian Army Drone Racing Team








DAY 2

TUESDAY 10 AUGUST: 10AM BRISBANE / MON 9 AUG 8PM NEW YORK

Dr Joseph Kerski <i>Esri</i>	Gathering, mapping, and communicating field investigations using interactive maps and dashboards	
Prue Vaughan <i>St Stephens Catholic College</i>	I Will Show You How in 7 Minutes - How to map the curriculum	 
Meg Kummerow <i>Fly the Farm</i>	Drones in Agriculture - a sound future	
Dr Martha Gomez-Sapiens <i>University of Arizona</i>	Using drones as monitoring tools of riparian restoration efforts in the Colorado River Delta, Mexico	

TUESDAY 10 AUGUST: 7PM BRISBANE / 10AM LONDON

Alistair Byrom <i>Veris</i>	Surveyors, more than just a tripod!	 
Holstein Wong <i>Emesent</i>	The drone that flies itself: how drone autonomy is revolutionising data capture	
Ted Carter <i>Ascend Learning/ EDwoodUCATION</i>	Drones! for the rest of us. A primary teacher's perspective	
Amrita Lal <i>WeRobotics</i>	Good vs Bad, Using Drones in the Fiji Highlands	









EXPERT ADVICE

Purchase Drone Equipment for schools







Click the image or [here](#) to view Drone Equipment

DAY 3

WEDNESDAY 11 AUGUST: 10AM BRISBANE / TUES 10 AUG 8PM NEW YORK

Dr Lain Graham <i>Esri</i>	Building data from the ground up: drones and GIS in community-based research	 
Nathan Dumbleton <i>Barker College</i>	An Eye in the Sky on the Future - RePL in Schools	
Katie Vidal <i>She Maps</i>	I Will Show You How in 7 Minutes - How to design innovative activities for STEM Clubs	 
Prof Christian Jones <i>University of the Sunshine Coast</i>	DARE to make great games for learning	

WEDNESDAY 11 AUGUST: 7PM BRISBANE / 10AM LONDON

India Birrell <i>Swoop Aero</i>	How unlocking access to the skies can transform the delivery of healthcare	 
Hayley Farrer	Empowering students as 'Citizen Scientists' and 'Champions of Change' through STEM	
Dr Karen Joyce <i>JCU/ She Maps</i>	I Will Show You How in 7 Minutes - How to plan your first drone mapping mission	 
Joe Brolese <i>Trinity Bay State High School</i>	Drones at school, from the workshop to the sky	



**Classroom
Drone
Essentials**
ONLINE TOGETHER

MOST POPULAR PROGRAM






PACKAGE INCLUDES:

- Teacher Training 1-1
- Teaching Resources
- Drone Equipment
- Virtual Lesson Intro
- She Maps Membership





[Learn more](#)

DAY 4

THURSDAY 12 AUGUST: 10AM BRISBANE / WED 11 AUG 8PM NEW YORK

Nina Kantcheva Tushev	Drones - What are they good for: Democratizing Drone Technology to Protect Indigenous Peoples' Rights, Territories, and Natural Resources	 
Laura Bain <i>Matthew Flinders Anglican College</i>	Drones in the Early Years	
Daniel Nugroho <i>PT Tritara Orbit Surya</i>	Capturing the earth's magic with drones, cameras, and laser	
Rebecca Lehman <i>Drone Deploy</i>	Creating community partnerships to foster career growth	

THURSDAY 12 AUGUST: 7PM BRISBANE / 10AM LONDON





Dr Scott Sleep <i>NSW Department of Education</i>	STEM Industry School Partnerships (SISP) program delivering authentic STEM learning outcomes in NSW	
Jemma Pico <i>Queensland Government Department of Resources</i>	Queensland Globe – an online tool to view Queensland's location-based information	
Yasmin Zaman <i>Surf Life Saving NSW</i>	Perseverance is One of My Favourite Words	
Brett Dascombe <i>Wavell State High School</i>	I Will Show You How in 7 Minutes - How to create a GIS Toolbag	






STEM Children's book, includes Teaching Resources and App. [Learn more.](#)

DAY 5

FRIDAY 13 AUGUST: 10AM BRISBANE / THURS 12 AUG 8PM NEW YORK

Dr Barbara Bell	Flight Lessons: The power of role models	
Gabriel Joyal <i>Centre de géomatique du Québec (CGQ)</i>	Community-based geospatial approach to better understand the coastal environments along the St-Lawrence Gulf and Estuary, Québec, Canada	
India Johnson <i>UAVistas LLC</i>	What Can Drones Help You Learn	
Mike Sutton <i>Forestry Corporation NSW</i>	Use of RPAS (drones) for forest and fire management in NSW State forests	

FRIDAY 13 AUGUST: 7PM BRISBANE / 10AM LONDON

Paul Mead <i>She Maps</i>	Conference wrap up	
Clinton Evans <i>GetCTRL Limited</i>	DroneBlocks in the classroom. Teaching Math using Drones and block-based programming	
Ange Lapham <i>She Maps</i>	I Will Show You How in 7 Minutes - How to plan a geography lesson in storymaps	
Lani Raghavan <i>Wavell State High School</i>	My Journey With ArcGIS in Year 12	



Find us on Facebook – [She Maps Chat](#)



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EXPERT ADVICE

Purchase Drone
Equipment for schools

BEST VALUE FOR MONEY

Buy drones packaged with
drone curriculum, teacher
resources, and teacher
support.

All orders come with FREE
Classroom Set Up Support



EDUDRONE 2022 CALL FOR PRESENTERS

HOW TO GET INVOLVED

If you or someone you
know would be interested
in presenting at EduDrone
2022, then we'd love to
hear from you.
hello@shemaps.com



HOW TO GET INVOLVED

AMBASSADORS

Become a She Maps Hero

She Maps are seeking
volunteers/teachers who
are keen to assist us with
the development of drone
and geospatial education
programs for Primary &
Secondary Schools.

