



ENVIRONMENTAL SCIENCE SUSTAINABILITY THROUGH A SCIENCE LENS

**STAV VCE
CONFERENCE
SERIES** Biology, Chemistry,
Environmental Science,
Psychology, Physics

TUESDAY 14 FEBRUARY 2023

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|-------------------|--|
| 8:00am - 8:30am | Atrium (foyer) Arts West Building, University of Melbourne Registrations Community Expo Open University of Melbourne, Parkville Light breakfast provided upon arrival |
| | PLENARY: LIVE STREAM Theatre A, Room 103, Ground Floor, Old Arts Building |
| 8:45am - 8:50am | PRESIDENT'S WELCOME: Alexandra Abela, STAV President |
| 8:50am - 9:00am | ACKNOWLEDGEMENT OF COUNTRY: Stacey Piper |
| 9:00am - 9:05am | INTRODUCTION OF KEYNOTE SPEAKER 1: Alexandra Abela, STAV President |
| 9:05am - 9:55am | KEYNOTE SPEAKER 1: Prof Don Driscoll, Director of the Centre for Integrative Ecology in the School of Life and Environmental Sciences at Deakin University KEYNOTE ADDRESS: Navigating the Anthropocene: Insights from ecology and conservation science |
| 9:55am - 10:00am | SHORT BREAK |
| 10:00am - 10:05am | INTRODUCTION OF KEYNOTE SPEAKER 2 |
| 10:05am - 10:45am | KEYNOTE SPEAKER 2: Prof Michael McCarthy, Professor of quantitative ecology with a PhD on stochastic population ecology, Deputy Dean of the Faculty of Science at the University of Melbourne KEYNOTE ADDRESS: Science for managing plants and animals in cities |
| 10:45am - 10:50am | INTRODUCTION OF CHIEF ASSESSOR AND VCAA |
| 10:50am - 11:05am | VCAA UPDATE: Maria James, Curriculum Manager, Science Victorian Curriculum and Assessment Authority (VCAA) |
| 11:05am - 11:35am | CHIEF ASSESSOR UPDATE: Paul Donaldson, Exam Panel Chair and Chief Assessor, Environmental Science Victorian Curriculum and Assessment Authority (VCAA) |
| 11:35am - 11:45am | SHORT BREAK |
| 11:45am - 12:30pm | SESSION BLOCK A |
| 12:30pm - 12:35pm | SHORT BREAK |
| 12:35pm - 1:20pm | SESSION BLOCK B |
| 1:20pm - 1:40pm | LIGHT LUNCH BREAK |
| 1:40pm - 2:25pm | LIVE STREAM Developing engaging assessment tasks for VCE Environmental Science that can be adapted to local contexts VCAA Update PRESENTED BY: Maria James, Curriculum Manager, Science Victorian Curriculum and Assessment Authority (VCAA) Theatre A, Room 103, Ground Floor, Old Arts Building |
| 2:25pm - 2:30pm | LIVE STREAM PRESIDENT'S CLOSING REMARKS: Alexandra Abela, STAV President Theatre A, Room 103, Ground Floor, Old Arts Building |

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SESSION 1

**SESSION
BLOCK A:**

11:15am -
12:00pm

Introducing First Nations perspectives through VCE Environmental Science
LOCATION:
Theatre A, Room 103,
Ground Floor, Old Arts Building
PRESENTED BY:
Lisa Moloney

SESSION 2

How do we connect with our students about climate change?

LOCATION:
Room 555, L5, Arts West Building
(North Wing)
PRESENTED BY:
Keith Burrows

SESSION 3

Engaging your students with Energy!

LOCATION:
Lower Theatre, Room G03,
Ground Floor, Babel Building
PRESENTED BY:
Andrew Vance

SESSION 4

VCE Case Studies of the Helmeted Honeyeater and Leadbeater's Possum: How can biodiversity and development be sustained?

LOCATION:
Room 205,
L2, Old Arts Building
PRESENTED BY:
Virginia Wallace,
Steve Meacher

Bringing real-world science to your classroom: A case study about air pollution

LOCATION:
Theatre A, Room 103,
Ground Floor,
Old Arts Building
PRESENTED BY:
Dr Bridget Murphy,
Julie Mulholland

Fundamentals of Sustainability: So how do we know the climate is changing? And why does it matter?

LOCATION:
Room 555, L5,
Arts West Building
(North Wing)
PRESENTED BY:
Dr James Driscoll

Inspire your students to study STEM at VCE

LOCATION:
Old Arts Room 124
(Theatre C)
PRESENTED BY:
Julia Clegghorn,
Jarrod McKenna

Lessons for the future using the past rock record

LOCATION:
Room 205, L2,
Old Arts Building
PRESENTED BY:
Dr Anne-Marie Tosolini,
Hayden Dalton

