

RESILIENCE IN THE ANTHROPOCENE

27-28 FEBRUARY 2024 | HOBART, TAS



Scene Setting

Title TBA

Michael-Shawn Fletcher (University of Melbourne)

Environmental Change in the Anthropocene

Dist. Prof Belinda Medlyn (University of Western Sydney)

Session 1: Adverse outcomes expected with a changing climate

Climate change, variability and extreme

Dr Alistair Hobday (CSIRO)

Life in the cold: Responses to climate change

Dr Melody Clark, British Antarctic Survey

3-4 x 15 min presentations (Submit your abstract here)

Day 1

Session 2: How do organisms adapt to a changing climate?

Physiological Adaptations to a changing climate

Prof Yunwei Dong (Ocean University of China)

Genetic variation versus targeted genotypes in generating climate change adaptation

Prof Ary Hoffman (University of Melbourne)

3-4 x 15 min presentations (Submit your abstract here)

Lightening talk session: ECR 5 min "Lightning talks"

Workshop Dinner

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Session 3: How do we make accurate predictions about species ability to adapt to future stressors?

Day 2

Integrating long-term observations and climate change experiments into transient predictions of forest change
Assoc. Prof Lara Kueppers (UC Berkley)

Using transcriptomics to study the effects of environmental stress in aquatic ectotherms
Dr Ken Jeffries (University of Manitoba)

3-4 x 15 min presentations (Submit your abstract here)

Session 4: How do we mitigate/restore our imperilled systems?

Day 3

Assisted Evolution in Corals
Dr Line Bay (Australia Institute of Marine Science)

Land transition from agricultural farming to coastal wetlands - payments for ecosystem services
Assoc Prof Nathan Waltham (James Cook University)

3-4 x 15 min presentations (Submit your abstract here)

CSIRO only focussed BD day