Conference Daily Schedule

(Subject to change)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8.00 – 9.00 am</td>
<td>Registration Desk opens for workshop attendees (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td>8.30 am</td>
<td>Pre-symposium workshop: Introduction to the ‘rgee’ in R – Elisa Thouverai (Sandpiper Room, Opal Cove Resort)</td>
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<tr>
<td>9:00 am</td>
<td>Pre-symposium public workshop: 2023 Eucalyptus Dieback Research Forum – NSW Natural Resources Commission (Opals Room, Opal Cove Resort)</td>
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<tr>
<td>9:00 am</td>
<td>Pre-Symposium Workshop: 2023 Advancing NatureServe’s International Vegetation Classification in collaboration with the IUCN Global Ecosystem Typology – Don Faber-Langendoen (Kingfisher Room, Opal Cove Resort)</td>
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<tr>
<td>4.00 – 6.00 pm</td>
<td>Registration Desk opens for Symposium attendees (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td>4.30 – 6.30 pm</td>
<td>Welcome Reception (Oceanview Foyer, Opal Cove Resort)</td>
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Conference Day 2 – Monday 4th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Osprey</th>
<th>Currawong</th>
<th>Shearwater</th>
<th>Opals</th>
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<tr>
<td>8.00 am</td>
<td>Registration desk open (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td>8.30 am</td>
<td>Session 1 – Opening Plenary</td>
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<tr>
<td>8:30 am</td>
<td>Introductory remarks and house-keeping by session chair (Ballroom)</td>
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<tr>
<td>8:40 am</td>
<td>Welcome to Country – Gumbaynggirr Elder</td>
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<tr>
<td>9.00 am</td>
<td>Plenary: Rachael Gallagher (Ballroom)</td>
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<td></td>
<td>Re(making) vegetation in the 22nd century: drivers of global vegetation composition in a rapidly changing biosphere</td>
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<tr>
<td>9.45 am</td>
<td>Plenary: Teagan Goolme (Ballroom)</td>
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<td>Indigenous knowledge is saving our iconic species</td>
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<tr>
<td>10.30 am</td>
<td>Morning Tea (Oceanview Foyer, Opal Cove Resort)</td>
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**Session Chair**

John Hunter

**Session Title**

2A: Gondwana Rainforests of Australia World Heritage Area (WHA): evolution, threats and conservation (Part 1)

2B: Vegetation classification systems from local to global scales: understanding vegetation dynamics, integrating ecological processes and predicting future scenarios in changing environments

2C: Remote sensing techniques in state-wide vegetation monitoring

2D: Biodiversity offsets: policies, practice and perceptions

**Session Chair**

Nick Reid

Mark Tozer

Heidi Mawbey

Steph Hernandez & Josh Dorrough

Rob Kooyman

Elgene Box

Jeremy Black

Laure-Elise Ruoso

Origins and assembly of the Australian rainforests: protecting deep-time World Heritage values

Does climate matter for Australian natural vegetation

Remote sensing as a tool for statewide vegetation monitoring

Stakeholder perspective on the use of active restoration in biodiversity offsets

Maurizio Rossetto

Aaron Wells

Dan Tindall

Karen Caves

Temporal dynamics and assembly patterns of the Gondwana rainforests, and implications for conservation

Vegetation classification for northwestern Arctic Alaska using an EcoVeg approach

Queensland’s Statewide Landcover and Trees Study (SLATS)

What are plant community types and why do they matter for offsetting?

Melinda Laidlaw

William Mackenzie

John Neldner

Greg Steenbeeke

Environmental controls of rainforest floristics: climate change implications for the Gondwana rainforests

Climate-change adaptation applications of an ecosystem classification in western North America

Queensland regional ecosystem framework

Uncertainty of outcomes for in-perpetuity agreements

**Images:**

- [Logo of University of New England]
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>12.00 pm</td>
<td>Are Australian montane subtropical rainforests cloud forests?</td>
<td>Lui Weber</td>
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<td></td>
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<td>Jorge Capelo</td>
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<td>Lucia Morales-Barquero</td>
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<td>Ascelin Gordon</td>
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<tr>
<td>12.20 pm</td>
<td>Gondwanan World Heritage rainforests in a continental and global context</td>
<td>David Keith</td>
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<td>Scott Franklin</td>
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<td>Steve Cox</td>
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<td>Sophus zu Ermgassen</td>
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<tr>
<td>12.40 pm</td>
<td>Assisting the migration of dispersal-limited rainforest species to predicted climate refugia</td>
<td>Justin Mallee</td>
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<td>Mariasole Calbi †</td>
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<td>Stuart Smith</td>
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<td>Megan McNellie</td>
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<tr>
<td>1.00 pm</td>
<td>Lunch (Horizons Restaurant, Opal Cove Resort)</td>
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<td>Young Scientists Working Group Meeting (Sandpiper Room)</td>
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<tr>
<td>1.50 pm</td>
<td>3A: Gondwana Rainforests of Australia World Heritage Area (WHA): evolution, threats and conservation, cont.</td>
<td>Nick Reid</td>
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<td>Catherine Pickering</td>
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<tr>
<td>2.10 pm</td>
<td>Impacts of wildfire and short-term recovery in temperate rainforests of northern NSW</td>
<td>Ross Peacock</td>
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<td>Donna Lewis</td>
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<td>Nick Goodwin</td>
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<td>Stephan Kambach</td>
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<td>2.30 pm</td>
<td>The impact of fire on a rainforest remnant dominated by Nothofagus moorei in northeastern NSW</td>
<td>Colin Bale</td>
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<td>Conrad Slee †</td>
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<td>Susan Wiser</td>
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<td>Jaan Liira</td>
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<tr>
<td>2.50 pm</td>
<td>Recovery and management of southeast Queensland lowland subtropical rainforest after fire</td>
<td>Paul Donatiu</td>
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<td>Mark Tozer</td>
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<td>Elisa Thouverai †</td>
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<td>Elizabeth Wenk</td>
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<td>Catherine Pickering</td>
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<td>Time</td>
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<tr>
<td>3.10 pm</td>
<td>Matt Wiseman</td>
<td>Managing fire and successional sclerophyll forest/rainforest habitat for endangered eastern bristlebirds</td>
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<td><strong>Vegetation classification session:</strong> Q&amp;A and discussion</td>
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<tr>
<td>3.30 pm</td>
<td>Michela Perrone *</td>
<td>Biodiversity monitoring from above: linking spectral to local plant diversity</td>
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<td>Polina Dayneko</td>
<td>Land-use patterns in mountain grasslands of Maramures and Bukovina regions (Carpathian Mountains)</td>
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<tr>
<td>3.50 pm</td>
<td>John Dwyer †</td>
<td>How does climate structure rainforest trees into communities across the Australian subtropics?</td>
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<td>Bayartungalag Batsaikhan</td>
<td>Monitoring model for spatiotemporal dynamics of Mongolian grassland based on multi-source remote sensing data</td>
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<tr>
<td>3.50 pm</td>
<td>Gemma Hoyle</td>
<td>Seed germination strategies in fire-prone sub-alpine flora</td>
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<tr>
<td>4.20 pm</td>
<td><strong>Session 4 - Poster Session</strong> (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td>6.30 pm</td>
<td>Close of Day Two Sessions, Evening at Leisure; JVS/AVS Editorial Board Meeting (Sandpiper Room)</td>
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* Student; † early career researcher
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<tr>
<th>Time of talk</th>
<th>Poster no.</th>
<th>Name</th>
<th>Paper Title</th>
<th>Presentation Type</th>
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</thead>
<tbody>
<tr>
<td>4.25 pm</td>
<td>1</td>
<td>Jaiden Johnston-Bates †‡</td>
<td>Regeneration potential of urban forest remnants in a subtropical landscape: the role of propagule banks</td>
<td>Poster with speed presentation (3 min)</td>
</tr>
<tr>
<td></td>
<td>E1</td>
<td>Ly Härm-Kask *</td>
<td>Comparative analysis of factors influencing visitor numbers in 20 Estonian nature trails</td>
<td>Electronic Poster only</td>
</tr>
<tr>
<td></td>
<td>E1</td>
<td>Li-wan Chang</td>
<td>Flowering sex ratios, growth and spatial distribution pattern of dioecious tree, <em>Podocarpus nakaii</em>, in a subtropical evergreen forest, Taiwan</td>
<td>Electronic Poster only</td>
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<tr>
<td>4.30 pm</td>
<td>2</td>
<td>Sally Power</td>
<td>Understanding long-term responses of grassland communities to changing rainfall regimes</td>
<td>Poster with speed presentation (3 min)</td>
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<td>3</td>
<td>Léa Saby †‡</td>
<td>Restoring a Mediterranean grassland by sowing and reinstalling the original stone cover</td>
<td>Poster only</td>
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<tr>
<td>4.35 pm</td>
<td>E1</td>
<td>Vladimir Onipchenko</td>
<td>Leaf functional traits are important for the formation of alpine plant communities</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td>4</td>
<td>Arkadiusz Nowak</td>
<td>Influence of personality, psychological and physical state on vegetation sampling quality</td>
<td>Poster only</td>
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<tr>
<td>4.40 pm</td>
<td>E1</td>
<td>Megan Hirst</td>
<td>Bringing the vulnerable alpine baw baw berry into cultivation</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td>3</td>
<td>Léa Saby †‡</td>
<td>Restoring a Mediterranean grassland by sowing and reinstalling the original stone cover</td>
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<tr>
<td>4.45 pm</td>
<td>E1</td>
<td>Philip Burton</td>
<td>Episodic vegetation change on a recent lava flow in British Columbia, Canada</td>
<td>Electronic Poster with speed presentation</td>
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<td></td>
<td>E2</td>
<td>Laura Godó †</td>
<td>Owl-mediated diplotendoozoochorous seed dispersal increases dispersal distance and supports seedling establishment</td>
<td>Electronic Poster only</td>
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<tr>
<td>4.50 pm</td>
<td>E2</td>
<td>Nobuo Imai</td>
<td>Biomass, structure, and species composition along a 2,500-m elevation gradient in Japan</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td></td>
<td>E2</td>
<td>Sándor Borza †‡</td>
<td>The Eurasian crane (<em>Grus grus</em>) as an ecosystem engineer in grasslands</td>
<td>Electronic Poster only</td>
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<tr>
<td>4.55 pm</td>
<td>7</td>
<td>Iris Hickman †‡</td>
<td>Up, down, and around: where will alpine species go with climate change?</td>
<td>Poster with speed presentation (3 min)</td>
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<td></td>
<td>E2</td>
<td>Yung-Hsuan Szu †</td>
<td>The role of species interactions on alpine vegetation communities under climate change</td>
<td>Electronic Poster only</td>
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<tr>
<td>5.00 pm</td>
<td>8</td>
<td>Tomasz Szymura</td>
<td>GIS-derived environmental variables supplement vegetation data stored in databases</td>
<td>Poster with speed presentation (3 min)</td>
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<td>9</td>
<td>James King †</td>
<td>Simulating an acute heatwave with warm nights in a sub-alpine grassland</td>
<td>Poster only</td>
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<tr>
<td>5.05 pm</td>
<td>E2</td>
<td>Aure Durbecq</td>
<td>Mid-term effects of seed bed preparation and early grazing on seed transfer experiment for grassland restoration</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td>10</td>
<td>Mateusz Meserszmit</td>
<td>Conservation of species-rich semi-natural grasslands in Europe: hay management for biogas production</td>
<td>Poster only</td>
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<tr>
<td>5.10 pm</td>
<td>11</td>
<td>Fiona Robinson †‡</td>
<td>How to grow a mulga: benchmarking characteristics of mulga stands across Australia</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E3</td>
<td>Zoltán Botta-Dukát</td>
<td>Low replicability assessing trait distribution patterns along a gradient using functional traits</td>
<td>Electronic Poster only</td>
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<tr>
<td>5.15 pm</td>
<td>12</td>
<td>Teah Coate †‡</td>
<td>The influence of winter fire on seedling recruitment in a heathy woodland</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E3</td>
<td>Attila Lengyel</td>
<td>Testing the main and interaction effects of invasive herbs on community diversity</td>
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<td>5.20 pm</td>
<td>Francisco Javier Silva-Pando</td>
<td>Celtic pig impact on the understory of an Atlantic oak forest</td>
<td>Poster with speed presentation (3 min)</td>
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<td></td>
<td>Orsolya Valkó</td>
<td>Nature at home: a project on bringing grassland plants to urban gardens</td>
<td>Poster only</td>
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<tr>
<td>5.25 pm</td>
<td>Iain Campbell **†</td>
<td>Ground truthing of IVC and HOTW mapping typologies using Neotropical bird assemblages</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E3 Ewelina Klichowska</td>
<td>Genomic footprints of hybridisation, introgression and adaptation of feathergrasses in the face of climate change</td>
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<td>E3 Li-wan Chang</td>
<td>Twenty-one years short-term stand dynamics of an evergreen forest in the Kaoshifo subtropical experimental forest, Taiwan</td>
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<td></td>
<td>E3 Gabriela Dezotti</td>
<td>Mapping the influence of seasonality in forb communities of the Cerrado</td>
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<tr>
<td>5.35 pm</td>
<td>E4 Markus Neupert †</td>
<td>Plants response to estuarine constraints: a study of controlled salinity and inundation</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td></td>
<td>E4 Marcin Nobis</td>
<td>Evolutionary response of cold-adapted chasmophytes to climatic oscillations in the mountains of Central Asia</td>
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<tr>
<td>5.40 pm</td>
<td>Francisco Javier Silva-Pando</td>
<td>Lord's designs are inscrutable: the peculiar relationship between Centaurea ulitreia and Eucalyptus</td>
<td>Poster with speed presentation (3 min)</td>
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<td></td>
<td>Leslie Brown</td>
<td>Vegetation classification of the Juriesdam-Seekoeigat sections, Mountain Zebra National Park, South Africa</td>
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<tr>
<td>5.45 pm</td>
<td>Peter Wolff **†</td>
<td>KIWA – artificial intelligence for early detection of forest fires</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E4 Andeise Cerqueira Dutra **†</td>
<td>Leaf phenology from a multi-scale analysis in seasonally dry tropical forests</td>
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<td>E4 Wei-chen Lin *</td>
<td>Vegetation of Dongsha Island</td>
<td>Electronic Poster only</td>
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<tr>
<td>5.50 pm</td>
<td>Shu-i Lin †</td>
<td>Patterns of intra/interspecific trait variation of trees along fog gradient in Taiwan</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E4 Genevieve Perkins</td>
<td>PEMr: an R package to develop cost-effective, accurate and repeatable ecosystem maps</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td>E5 Ting Li</td>
<td>Abiotic and biotic factors drive forest demographic trade-offs in the Qinghai-Tibet Plateau</td>
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<tr>
<td>6.00 pm</td>
<td>Miguel Menezes de Sequeira</td>
<td>Genetic diversity of the Madeira Island (Portugal) endemic, Pittosporum coriaceum (Pittosporaceae)</td>
<td>Poster with speed presentation (3 min)</td>
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<td>Kristina Mark</td>
<td>Gradient of desiccation tolerance in a lichen symbiont system</td>
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<tr>
<td>6.05 pm</td>
<td>E5 Oscar Zarate Martinez</td>
<td>Introduced species lose their enemies more often than their friends</td>
<td>Poster with speed presentation (3 min)</td>
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<td>E5 Alireza Naginezad</td>
<td>The climatic niches of endemic Cleome (Cleomaceae) in the Irano-Turanian realm</td>
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<td>E5 Sebastian Swierscz</td>
<td>Short-term response of functional diversity under extreme climate events on grasslands</td>
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<tr>
<td>6.20 pm</td>
<td>E5 Tom Barrett</td>
<td>Spatial modelling of threats to the Gondwana Rainforests of Australia World Heritage Area</td>
<td>Electronic Poster with speed presentation (3 min)</td>
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<td>E5 Geoffrey Horn</td>
<td>Extraction of vegetation structure metrics using lidar</td>
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<td>E5 Miguel Menezes de Sequeira</td>
<td>Distribution and genetic diversity of Madeira Island (Portugal) endemic, Geranium maderense (Geraniaceae)</td>
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* Student; † early career researcher
### Conference Day 3 – Tuesday 5th September

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<th>Time</th>
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<tr>
<td>7.30 am</td>
<td>Latin America and Caribbean Working Group meeting (Sandpiper Room)</td>
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<tr>
<td>8.00 am</td>
<td>Registration desk open (Oceanview Foyer, Opal Cove Resort)</td>
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<td><strong>Session 5 - Plenary</strong></td>
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<td><strong>Session Chair</strong> Rhiannon Smith</td>
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<tr>
<td>8.30 am</td>
<td>House-keeping, announcements and introduction of speakers (Ballroom)</td>
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<tr>
<td>8.35 am</td>
<td>Plenary: Craig D. Allen (Ballroom)</td>
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<td>The Global Emergence of Tipping-point Drivers of Ecosystem Disruption and Vegetation Re-organisation</td>
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<tr>
<td>9.20 am</td>
<td>Plenary: Susanna Venn (Ballroom)</td>
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<td>Mountains as Model Environments to Test Plant Responses to Climate Extremes</td>
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<tr>
<td>10.05 am</td>
<td>Morning Tea (Oceanview Foyer, Opal Cove Resort)</td>
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<th>Session Title</th>
<th>Session Chair</th>
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<th>Currawong</th>
<th>Shearwater</th>
<th>Opals</th>
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<tr>
<td>6A: Alpine vegetation and climate change</td>
<td>Gwendolyn Peyre</td>
<td>Understanding the importance of cold and heat tolerance in mountain plants</td>
<td>Alireza Naqinezhad</td>
<td>Great Eastern Ranges Initiative and 'the Art of Connecting' (pre-recorded)</td>
<td>Nick Reid</td>
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<tr>
<td>6B: Asian biodiversity in the Anthropocene</td>
<td>Alireza Naqinezhad</td>
<td>How does a combination of climate and canopy cover changes affect understory vegetation</td>
<td>Gary Howling</td>
<td>Jéssica Lira Viana</td>
<td>Giovanni Bonari</td>
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<tr>
<td>6C: Ecological connectivity – how it all comes together</td>
<td>Michael Drielsma</td>
<td>Conspectus of the vegetation types of Tajikistan and adjacent areas</td>
<td>Jamie Love</td>
<td>Francisco Maria Sabatini</td>
<td>Paola Di Lallo</td>
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<tr>
<td>6D: Monitoring biodiversity</td>
<td>Nick Reid</td>
<td>Morning Tea (Oceanview Foyer, Opal Cove Resort)</td>
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<td>Marta Gaia Sperandii</td>
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<tr>
<td>10.40 am</td>
<td>Adrienne Nicotra</td>
<td>Understanding the importance of cold and heat tolerance in mountain plants</td>
<td>Alireza Naqinezhad</td>
<td>Great Eastern Ranges Initiative and 'the Art of Connecting' (pre-recorded)</td>
<td>Gabriella Damasceno</td>
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<tr>
<td>11.00 am</td>
<td>Catherine Pickering</td>
<td>Alpine vegetation and climate change: insights from 50 years of research</td>
<td>Sebastian Świerszcz</td>
<td>Measuring landscape capacity to support climate migration in NSW, Australia</td>
<td>SPlot 4.0: towards a truly global database for understanding vegetation spatiotemporal changes</td>
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<tr>
<td>11.20 am</td>
<td>Mark Hovenden</td>
<td>Warming-induced changes in subalpine grassland botanical composition have ecosystem-level consequences</td>
<td>Jian Zhang</td>
<td>Modelling ecological relations across space and time. What does it look like? With examples from NSW, Australia</td>
<td>Sandra Moretti</td>
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<tr>
<td>11.40 am</td>
<td>Susanna Venn</td>
<td>Thermal tolerance and acclimation of alpine plants to water stress under a field-based experimentally induced heat wave</td>
<td>David Zeleny</td>
<td>Connecting biodiversity stewardship to benefits for the Australian farm biodiversity stewardship pilots</td>
<td>Francesco Maria Sabatini</td>
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<tr>
<td>12.00 pm</td>
<td>Francisco I. Pugnaire</td>
<td>Plant selection of soil microbial communities depends on plant traits and phylogeny</td>
<td>Jéssica Lira Viana</td>
<td>Taking a functional approach: revising Australia’s National Connectivity Index</td>
<td>Kate Giljohann</td>
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<td>Piia Jaksi *</td>
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<td>Time</td>
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<tr>
<td>12.20 pm</td>
<td>Effects of climate change on the early life-history stages of alpine plants</td>
<td>Jeronimo Vazquez-Ramirez *†</td>
<td>Systematic monitoring shows the success of nature conservation management of wet grasslands</td>
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<tr>
<td>12.40 pm</td>
<td>Does elevation influence thermal tolerance thresholds of alpine plants?</td>
<td>Lisa Danzey †</td>
<td>How plant biodiversity affects ecosystem functioning along a natural stress gradient</td>
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<td>A special ecological island system--Danxia mountaintops</td>
<td>Man Seng Chio *†</td>
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<td>Botanists and their clothes: human-vectored seed dispersal in central-European landscapes</td>
<td>Orsolya Valkó</td>
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<td>Vegetation Diversity and Peculiarity of Danxia Landscape</td>
<td>Anna Kuzemko</td>
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<td>Climate gradients drive grassland plant diversity across spatial scales</td>
<td>Greta La Bella †</td>
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<tr>
<td>1.00 pm</td>
<td>Lunch (Horizons Restaurant, Opal Cove Resort)</td>
<td>sPlot Meeting (Sandpiper Room)</td>
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<td>7A: Alpine vegetation and climate change</td>
<td>Adrienne Nicotra</td>
<td>7B: Asian biodiversity in the Anthropocene</td>
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<td>Jian Zhang</td>
<td>7C: Ecological connectivity – how it all comes together</td>
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<td>7C: Ecological connectivity – how it all comes together</td>
<td>Michael Drielsma</td>
<td>7D: Dieback</td>
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<td>7D: Dieback</td>
<td>Rhiannon Smith</td>
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<tr>
<td>1.50 pm</td>
<td>Soil temperature and microtopography shape plant community dynamics along altitudinal gradients</td>
<td>Michele Di Musciano</td>
<td>Soil temperature and microtopography shape plant community dynamics along altitudinal gradients</td>
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<td>Coastal dwarf forest, a new phytosociological evidenced by transect data of China</td>
<td>Biying Liu †</td>
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<td>Priority areas for conserving greater gliders in Queensland, Australia</td>
<td>Patrick Norman</td>
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<td>Diverse vegetation die-off events through time and across landscape gradients, southwest USA</td>
<td>Craig Allen</td>
<td>Diverse vegetation die-off events through time and across landscape gradients, southwest USA</td>
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<tr>
<td>2.10 pm</td>
<td>Population genetics and regenerative strategies of a threatened alpine forb – Celmisia sericophylla</td>
<td>Daniel White *†</td>
<td>Population genetics and regenerative strategies of a threatened alpine forb – Celmisia sericophylla</td>
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<td>Land-use richness can predict urban spontaneous plant richness at finer spatial</td>
<td>Kun Song</td>
<td>Land-use richness can predict urban spontaneous plant richness at finer spatial</td>
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<td>Conservation priorities across European ecosystems prone to climate warming, weather extremes and disturbances</td>
<td>Peter Wolff *†</td>
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<td>Elevation-dependent patterns of snow-gum dieback in Australia’s montane and subalpine forests</td>
<td>Callum Bryant *†</td>
<td>Elevation-dependent patterns of snow-gum dieback in Australia’s montane and subalpine forests</td>
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<td>2.30 pm</td>
<td>Assessment of extreme climate events and impact on alpine vegetation in Taiwan</td>
<td>Chu Chia Kuo</td>
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<td>Asian biodiversity session: Q&amp;A and discussion</td>
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<td>Felix James *†</td>
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<td>Landscape genomics for climate adaptation in Eucalyptus foundation species to survive dieback</td>
<td>Felix James *†</td>
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<td>2.50 pm</td>
<td>Dispersal limitation and environmental filtering in regional alpine metacommunities of NW Spain</td>
<td>Borja Jiménez-Alfaro</td>
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<td>Community assembly and the classical diversity measuring paradigm</td>
<td>Béla Tóthméresz</td>
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<td>Temporal stabilizing effects of species richness and seed arrangement on grassland productivity</td>
<td>2:55 pm: Haiyan Ren</td>
<td>Temporal stabilizing effects of species richness and seed arrangement on grassland productivity</td>
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<td>Session lead:</td>
<td>Justin Black</td>
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<td>Management of eucalypt forests with declining canopy health in NSW state forests</td>
<td>Justin Black</td>
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<td>8B: Open forum</td>
<td>8C: Speed talks</td>
<td>8B: Open forum</td>
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**Note:** * indicates corresponding author; † denotes speaker.
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<th>Time</th>
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<th>Speaker(s)</th>
<th>Presentation Title</th>
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<tbody>
<tr>
<td>3.10 pm</td>
<td>Recreational trails facilitating weeds: insights from the Australian Alps and Andes</td>
<td>Catherine Pickering</td>
<td>Medicinal plants for metabolic and nutritional disorders among some local communities, Iran (pre-recorded)</td>
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<td>Saideh Ghafoori †</td>
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<td>Tanya Mason</td>
<td>Dynamic stability of <em>Phytophthora cinnamomi</em> infection in Dharawal National Park, Australia</td>
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<td>3:00 pm</td>
<td>First robotic structural monitoring of EU forest habitats</td>
<td>Leopoldo De Simone †</td>
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<td>3:05 pm</td>
<td>Allelopathy effects of invasive Solidago species on native grassland plant species</td>
<td>Chathura Perera ‡</td>
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<td>3:10 pm</td>
<td>Molecular ecology of New England Tablelands bioregion OCBIL-endemic shrub populations</td>
<td>Peter Pemberton ‡</td>
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<td>3:15 pm</td>
<td>A new classification system for urban wetland vegetation</td>
<td>Zihao Chen *</td>
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<tr>
<td>3.30 pm</td>
<td>Afternoon Tea (Oceanview Foyer, Opal Cove Resort)</td>
<td>9A: Alpine vegetation and climate change</td>
<td>9B: Fire and cultural burning</td>
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<td>9C: Climate change</td>
<td>9D: Open forum</td>
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<tr>
<td>3.30 pm</td>
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<td>Session Chair Susanna Venn</td>
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<tr>
<td>4.00 pm</td>
<td>Shrub cover and wild herbivores prevent plant invasions of Tasmanian alpine vegetation</td>
<td>Agustina Barros</td>
<td>Summarizing emerging insights of two global mountain research initiatives (MIREN and GLORIA)</td>
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<tr>
<td>4.20 pm</td>
<td>Summarizing emerging insights of two global mountain research initiatives (MIREN and GLORIA)</td>
<td>Peter Wolff **‡</td>
<td>Alessandra Fidelis</td>
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<td>Prescribed fires and wildfires have complementary effects on the regeneration of tropical open savannas</td>
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<td>4.40 pm</td>
<td>Environmental drivers and trends for plant turnover in the Global Alpine</td>
<td>Gwendolyn Peyre</td>
<td>Yu Ling Liu *</td>
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<td>Analysis of environmental causes of historical forest fires in Taiwan</td>
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<td>5.00 pm</td>
<td>Alpine Climate Change Session: Q&amp;A and discussion</td>
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<td>Jodi Price</td>
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<td>Grassland plant responses to cultural fire in Dja Dja Wurrung Country</td>
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<td>Susanne Horka ‡</td>
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<td>Taxonomical and functional changes in dry grassland vegetation after 30 years</td>
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<td>Claire Hewitt *</td>
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<td></td>
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<td></td>
<td>A possible new species of eucalypt – <em>Eucalyptus</em> sp. Bassendean</td>
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<tr>
<td>Time</td>
<td>Session Title</td>
<td>Speaker(s)</td>
<td>Presentation Title</td>
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<tr>
<td>5.20 pm</td>
<td><strong>10A: Open forum</strong></td>
<td><strong>Session lead:</strong> Mariana Dairel †</td>
<td>Exclusion without encroachment: fire controls tropical savanna plant composition, diversity and biomass independent of trees</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Judit Sonkoly</strong></td>
<td>Trade of potting substrates as a largely overlooked way of long-distance dispersal</td>
</tr>
<tr>
<td>5.40 pm</td>
<td></td>
<td><strong>Marco Chiminazzo †</strong></td>
<td>Protecting or hiding: why not both? Strategies of woody plants against fire</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Nina Fahs †</strong></td>
<td>Exploring the ecological niches of nitrogen-fixing plants in Europe</td>
</tr>
<tr>
<td>6.00 pm</td>
<td></td>
<td><strong>Francisco Fajardo-Gutierrez †</strong></td>
<td>Plastid genomes of <em>Weinmannia</em> (Cunoniaceae), an extant Gondwanan lineage</td>
</tr>
</tbody>
</table>

* Student; † early career researcher

**Conference Day 4 – Wednesday 6th September**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8.30 am</td>
<td>Registration desk open (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td></td>
<td><strong>Midweek excursions</strong></td>
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<td></td>
<td>Buses depart from Opal Cove Resort main entrance</td>
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<tr>
<td></td>
<td>1. Moonee Beach Nature Reserve</td>
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<td></td>
<td>2. Glenugie Peak</td>
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<td>3. Bongil Bongil National Park</td>
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<td></td>
<td>4. Dorrigo and New England National Parks</td>
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<td></td>
<td>5. Regional Dieback</td>
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<tr>
<td>5.00 pm</td>
<td>Buses return to Opal Cove Resort main entrance, evening at leisure</td>
</tr>
<tr>
<td>6.00 pm</td>
<td>Meeting of New (2023–2024) IAVS Council (Sandpiper Room)</td>
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<tr>
<td>8.00 pm</td>
<td>Music Night (Preconference Foyer, Opal Cove Resort)</td>
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<tr>
<td>Time</td>
<td>Session Title</td>
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<tr>
<td>8.00 am</td>
<td>Registration desk open (Oceanview Foyer, Opal Cove Resort)</td>
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<td></td>
<td><strong>Session 11 - Plenary</strong></td>
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<tr>
<td>8.30 am</td>
<td>House-keeping, announcements and introduction of speakers (Ballroom)</td>
</tr>
<tr>
<td>8.35 am</td>
<td>Plenary: Jean-Yves Meyer (Ballroom)</td>
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<tr>
<td>10.05 am</td>
<td>Morning Tea (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td></td>
<td>Osprey</td>
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<tr>
<td></td>
<td>Session Title</td>
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<tr>
<td></td>
<td>12A: Consultant contributions to vegetation conservation into the 22nd century</td>
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<td></td>
<td>12B: Miyawaki mini-forests and smart green networks based on vegetation science</td>
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<td></td>
<td>12C: Vegetation knowledge for regional scale biodiversity conservation</td>
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<td>sponsored by:</td>
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<td></td>
<td>Session Chair Greg Steenbeeke</td>
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<td></td>
<td><strong>Session 10</strong></td>
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<tr>
<td>10.40 am</td>
<td>Stephen Bell</td>
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<tr>
<td></td>
<td>How can consultants contribute to the conservation of vegetation and plant species?</td>
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<tr>
<td></td>
<td>Tom Celebrezze</td>
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<td></td>
<td>Samantha Capon</td>
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<td></td>
<td>Grey Coupland</td>
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<tr>
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<td>Rapid urban greening using Miyawaki forests</td>
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<tr>
<td>11.00 am</td>
<td>Shelomi Doyle †</td>
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<tr>
<td></td>
<td>A bird’s eye view: how consultants see their role in plant conservation</td>
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<td></td>
<td>Tomoaki Yoshino</td>
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<tr>
<td></td>
<td>Restoration of warm-temperate evergreen broad-leaved and temperate deciduous forests at shopping malls in the Japanese archipelago (pre-recorded)</td>
</tr>
<tr>
<td>11.20 am</td>
<td>Consultant contributions to research. Research contributions to consulting</td>
</tr>
<tr>
<td>11.40 am</td>
<td>Importance of accurate assessments of biodiversity offset properties</td>
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**Sponsored by:**

NSW Government
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker/Title</th>
<th>Session Title</th>
<th>Session Chair</th>
<th>Notes</th>
</tr>
</thead>
</table>
| 12.00 pm | Jeremy Bruhl  
Importance of voucher specimens to plant conservation (pre-recorded) | 13A: Consultant contributions to vegetation conservation into the 22nd century | Kazue Fujiwara        | Rebekah Grieger †  
Resilience through soil seed banks in coastal freshwater wetlands of subtropical Australia |
| 12.20 pm | Adam Cavallaro  
Dealing with client confidentiality while still advancing vegetation knowledge | 13B: Miyawaki mini-forests and smart green networks based on vegetation science | Bob Denholm            | Markus Neupert †  
Vegetation community composition and strategies along environmental gradients in an anthropized estuary |
| 12.40 pm | Shane Chalwell  
Role of systematic data collection and central databases in community classification | 13C: Vegetation knowledge for regional scale biodiversity conservation | Sally Power            | Laura White  
Tree growth responses to ecological thinning in river red gum floodplain forests |
| 1.00 pm  | Lunch (Horizons Restaurant, Opal Cove Resort)                                  | 13D: Plant community responses to extreme drought: current understanding and future prospects |                        |                                                                      |
| 1.50 pm  | Brian Towle  
Consultant contributions to conservation: perspectives of an ecological consultant | 13A: Consultant contributions to vegetation conservation into the 22nd century | Kazue Fujiwara        |                                                                      |
| 2.10 pm  | David Carr  
Chasing fairy bells: the role of consultants in plant conservation (Pre-recorded) | Miyawaki mini-forests discussion | Iain Campbell †  
North America bird habitats: a new classification based on bird assemblages |                                                                      |
| 2.30 pm  | Daniel Connolly  
Can biodiversity assessment data contribute to vegetation classification and mapping programs? | 14B: Open forum  
Session lead: Peter Brenton  
Monitoring habitat restoration at landscape scale using cloud platform technology | William Mackenzie  
Cost-efficient mapping of a forest ecosystem classification using machine learning | Alessandro Chiarucci  
Natura 2000 effectiveness at supporting native and priority plant species in the EU |
| 2.50 pm  | Consultants' contributions session: Q&A and discussion | Vegetation knowledge for conservation session: Q&A and discussion | Elise Verhoeven †  
The interactive effect of extreme precipitation, nutrients and grazing on grassland vegetation | Anke Jentsch  
Drought accelerates local extinction and erodes mountain plant community stability |
### Conference Day 6 – Friday 8th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.10 pm</td>
<td><strong>14A: Gondwana rainforests Part 2</strong>&lt;br&gt;Session lead: Nick Reid</td>
<td>Richard Thackway&lt;br&gt;Bill MacDonald&lt;br&gt;Yen-Ju Chou&lt;br&gt;Lachlan Charles&lt;br&gt;Balázs Deák&lt;br&gt;Anjaly Unnikrishnan&lt;br&gt;Yen-Ju Chou</td>
<td>Systematic framework to assess restoration actions and outcomes based on measurable success criteria and indicators&lt;br&gt;Assessment of different drought situations in alpine regions of Taiwan&lt;br&gt;Harmonisation of woody biomass data from TERN ecosystem monitoring sites across Australia&lt;br&gt;Environmental heterogeneity driven plant diversity supports biodiversity conservation on small natural features&lt;br&gt;Impact of extreme rainfall events on tropical forest biomass in the Western Ghats Region of Kerala (pre-recorded)</td>
</tr>
<tr>
<td>3.30 pm</td>
<td><strong>14B: Open forum</strong>&lt;br&gt;Session lead:</td>
<td>Yen-Ju Chou&lt;br&gt;Lachlan Charles&lt;br&gt;Balázs Deák&lt;br&gt;Anjaly Unnikrishnan&lt;br&gt;Yen-Ju Chou</td>
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<tr>
<td>3.50 pm</td>
<td>Afternoon Tea (Oceanview Foyer, Opal Cove Resort)</td>
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<tr>
<td>4.20 pm</td>
<td><strong>Session 15 - Plenary</strong>&lt;br&gt;Chair: Susan Wiser</td>
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<tr>
<td>5.20 pm</td>
<td>Close of Day Five Sessions</td>
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<tr>
<td>6.50 pm</td>
<td>Conference Dinner, Surf Club Restaurant and Bar, Coffs Harbour (Buses leave from entrance Opal Cove Resort)</td>
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* Student; † early career researcher
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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>9.30 am</td>
<td>Martin Sullivan</td>
<td>Advancements in vegetation mapping: exploring the accuracy and efficiency of 3D API</td>
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<td></td>
<td>Daniel Falster</td>
<td>How adaptation could reshape forest structure and traits in +3deg world?</td>
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<td></td>
<td>Valério Pillar</td>
<td>Grazing management for the conservation of grassland ecosystems in South America</td>
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<tr>
<td>9.50 am</td>
<td>Andri van Aardt</td>
<td>Karroid islands in a sea of grasses, Free State Province, South Africa</td>
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<td></td>
<td>Manuele Bazzichetto</td>
<td>Cocos: effects of climatic extremes on ecosystem stability</td>
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<td></td>
<td>Anke Jentsch</td>
<td>KIWA – artificial intelligence for early detection of forest fires</td>
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<tr>
<td>10.10 am</td>
<td>Andrew Baker</td>
<td>NSW State Vegetation Type Map (SVTM) undermines ecological fire management</td>
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<td></td>
<td>Gillian Rapson</td>
<td>Ephemeral dune ecosystems, Manawatu coast, New Zealand - thirty years of beach-watching</td>
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<td></td>
<td>Monika Janisova</td>
<td>Lessons from the past: historical grassland management in the Carpathian Mountains</td>
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<tr>
<td>10.30 am</td>
<td></td>
<td>Morning Tea (Oceanview Foyer)</td>
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<tr>
<td>11.00 am</td>
<td>Milan Chytrý</td>
<td>FloraVeg.EU – a new online database of European vegetation and flora</td>
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<td></td>
<td>Javier Loidi</td>
<td>17A: Data, analysis and diversity patterns</td>
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<td></td>
<td>Mark Westoby</td>
<td>17B: Climate change and dark diversity</td>
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<td></td>
<td>Catherine Gallery</td>
<td>17C: NSW Biodiversity Conservation Trust (BCT) – private land conservation</td>
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<tr>
<td>11.20 am</td>
<td>Attila Lengyel</td>
<td>Guiding through between-community functional dissimilarity measures</td>
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<td></td>
<td>Pawel Waryszak</td>
<td>Engineering effect of alpine shrubs: giant ecological slalom through snowdrifts and shrubs</td>
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<td></td>
<td>Wendy Neilan</td>
<td>Assessing vegetation condition under conservation agreements managed by the Biodiversity Conservation Trust</td>
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<tr>
<td>11.40 am</td>
<td>Megan McNellie</td>
<td>Species abundance distributions should underpin ordinal cover-abundance transformations</td>
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<td></td>
<td>Assaf Inbar</td>
<td>The Dynamics of Australian VEgetation (DAVE) - project overview and progress</td>
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<td></td>
<td>Catherine Gallery</td>
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<tr>
<td>12.00 pm</td>
<td>Peter Minchin</td>
<td>Estimating mean annual rainfall in southeast Australia from pollen assemblage data</td>
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<td></td>
<td>Riin Tamme</td>
<td>Observed and dark functional diversity in the DarkDivNet research network</td>
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<td></td>
<td>John Hunter</td>
<td>35 years in private conservation: monitoring changes seen and threats encountered</td>
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<tr>
<td>12.20 pm</td>
<td>Magdalena Szymura</td>
<td>Hotspots and coldspots of plant species richness in Poland</td>
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<td></td>
<td>Meelis Pärtel</td>
<td>Observed and dark diversity jointly reveal status and trend of plant communities</td>
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<td>BCT Session:</td>
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<td></td>
<td>Speaker Q&amp;A and discussion</td>
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<tr>
<td>12.40 pm</td>
<td>Tomasz Szymura</td>
<td>Environmental and socio-economic drivers of plant species richness in Poland</td>
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<tr>
<td></td>
<td>Climate change and diversity: Q&amp;A and discussion</td>
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<tr>
<td>1.00 pm</td>
<td>Lunch (Horizons Restaurant, Opal Cove Resort)</td>
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<td><strong>Session 18 - Plenary</strong></td>
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<tr>
<td>2.00 pm</td>
<td>Panel Discussion and Q&amp;A: Conference Wrap Up of ‘What Future Vegetation in the 22nd Century?’ (Ballroom) Chair: Nick Reid</td>
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<tr>
<td>3.00 pm</td>
<td>Afternoon Tea (Oceanview Foyer, Opal Cove Resort)</td>
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<td></td>
<td><strong>Session 19 - Plenary</strong></td>
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<tr>
<td>3.30 pm</td>
<td>IAVS General Assembly and Closing Ceremony (Ballroom) Chair: John Hunter Officiating: Susan Wiser</td>
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<tr>
<td>4.30 pm</td>
<td>Close</td>
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