

Meeting Room 1 – Resilience and Restoration Planning (Organised Oral Session)

- 740 **Andre Clewell**
The relevance of resilience to the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed
- 800 **Karel Prach**, Richard Hobbs
Natural recovery v/s technical reinstatement: the case for a continuum approach to site assessment and planning
- 820 **Tein McDonald**, Robin Buchanan
Resilience and restoration: a model for categorizing resilience to guide site level restoration planning
- 840 **Melissa Coyle**
A local governments' application of resilience based condition mapping
- 900 **Wendy Neilan**, Carla Catterall, John Kanowski
Landscape-scale resilience: a woody weed's role within planning for rainforest restoration, Byron Shire, Australia
- 920 **Ian Perkins**
Results of a resilience approach to restoration planning and action: some Sydney case studies
- 940 **Deborah Nias**, Patricia Alexander
Harnessing resilience to confer resilience: responses at Murray wetlands on private properties after watering
- 1000 Ian Davidson, **Mark Sheahan**, Richard Thackway
Identifying resilient lands for ecosystem restoration in the farmscapes of south-eastern Australia

Meeting Room 2 – Restoration Ecology in a Changing World

- 820 **William Halvorson**
Can the concept of restoration change in a changing world?
- 840 **Peggy Fiedler**, Lyndon Lee
Getting it built: insights from the restoration field
- 900 **Grant Wardell-Johnson**
New approaches to biodiversity management and restoration in forested ecosystems: responding to the challenges of accelerating environmental change
- 920 **Karen Keenleyside**, Catherine Dumouchel, Mike Wong
Principles and guidelines for ecological restoration in Canada's Protected Natural Areas
- 940 **Stuart Allison**
The paradox of invasive species: do restorationists worry about them too much or too little?
- 1000 **Sarah Butler**, Rod Fensham, Clive McAlpine, Alan House, Kieran Richardt
How will climate change influence how we manage exotic species invasion? Planning for weed migration: a case study in Brigalow Forest along roadsides

Meeting Room 3 – Aboriginal Traditional Ecological Knowledge (Symposium)

- 800 **Noel Nannup** and **Joan Gibbs**
Welcome and introduction
- 820 **Noel Nannup**
Noongar land management, a spiritual basis: why we are compelled to maintain the balance in a modern world
- 840 **David Claudie**
Indigenous knowledge and land management in Cape York Peninsula
- 900 **Victor Steffensen**, Peta-Marie Standley
Traditional Knowledge Revival Pathways (TKRP): indigenous-led, grass roots land management and research
- 920 **Agnes Baker-Pilgrim**
Water can hear
- 940 **Leanne Liddle**
Physical environmental reasons for Australian Aboriginal conservation and why they must be applied on a landscape scale in Central Australia and the Far North West of South Australia
- 1000 **Ellen Trevorrow**, Tom Trevorrow
Working on country to preserve our rushes and traditional baskets
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Meeting Room 6 – Landscape-Scale Restoration

- 740 **Rene Senos**
America's New Wildlife Highway: Designing wildlife crossing structures and native habitat on U.S. 93 through the Flathead Indian Reservation
- 800 **Jann Williams**, Siwan Lovett, Judy Lambert
Increasing confidence in the on-ground application of landscape restoration science in Australia
- 820 **Tomoyo Koyanagi**, Yoshinobu Kusumoto, Shori Yamamoto, Satoru Okubo, Kazuhiko Takeuchi
Historical patterns of site conditions and landscape matrix at optimum scales can provide useful knowledge to target potentially suitable sites for restoration with grassland plant species
- 840 **Alani Davis**, John Tobe
The use of reference sites in determining performance standards for fire-adapted plant communities undergoing restoration in Northern Florida
- 900 **Rebecca Campbell**, Angus McIntosh
INNET101: networking for stream invertebrates using habitat and distance
- 920 **Ting Zhou**, Shao-Lin Peng, Wen-Tao Ren
The influence of landscape pattern changes on the restoration of streams in Dongjiang River riparian buffer
- 940 **Ivan Bernez**, Caroline Rouger, Marilyne Kneveler, Yannick Delettre, Didier Le Coeur
Landscape influences on riparian vegetation and non-target taxa after the ecological restoration of headwater streams
- 1000 **Michiala Bowen**, Clive McAlpine, Leonie Seabrook, Alan House, Geoffrey Smith
Relative importance of landscape context of regrowth forests for woodland birds: case study of fragmented brigalow landscapes, Queensland, Australia
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Meeting Room 7 – Disturbance and Fire

- 740 **Emmanuel Ogah**, Joseph Odebiyi, Francis Nwilene
*Effect of habitat manipulation on the bio-control of african rice gall midge *Orseolia oryzivora harris* and *gagné* (Diptera: Cecidomyiidae)*
- 800 **Carly Bishop**, Grant Wardell-Johnson, Matthew Williams
*How does *Phytophthora cinnamomi* change *Banksia* woodland alpha and beta diversity in the southwest Australian Global Biodiversity Hotspot?*
- 820 **William Steele**, David Petch, Liz Morris
Trialling trickle discharges of effluent as a means to maintain high intertidal invertebrate biomass for shorebirds at reduced nutrient loads
- 840 **Lindy Scott**, Jose Facelli
Impact of mineral exploration on ecosystem characters and mallee vegetation of Pinkawillinie Conservation Park, South Australia
- 900 **Thomas Kaphegyi**, Matthias Dees, Christof Angst, Andreas Ryser, Ursula Kaphegyi
*Does depredation on livestock prevent us from restoring Eurasian lynx (*Lynx lynx*) populations in cultural landscapes of Western Europe?*
- 920 **Alejandro Valdecantos**, Jaime Baeza, Ramón Vallejo
Management of fire-prone Mediterranean shrublands
- 940 **Kwok Leung Klinsmann Cheung**, L.M. Chu
Long-term changes in invertebrate communities after hillfire
- 1000 **Judy Fisher**, William Loneragan, Kingsley Dixon, Erik Veneklaas
Ecological knowledge enhances restoration potential in invaded fire adapted systems
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Meeting Room 8 – Coastal, Marine, Mangrove Restoration

- 900 **Craig Hebert**, Chip Weseloh, Michael Arts
Rehabilitation without restoration: enhancing piscivorous fish populations leads to negative impacts on seabirds
- 920 **William Glamore**
Ecological restoration of coastal wetlands: global lessons implemented locally
- 940 **Lucia Ferroni**, Maria Speranza, Gianpietro Venturi, Andrea Monti, Giuseppe Pritoni
Coastal sand dunes habitat restoration in the northern Adriatic coast: a pilot study
- 1000 **Jason Tanner**, Rachel Wear, Greg Collings, Sonja Venema, Sue Murray-Jones, Doug Fotheringham, Andrew Irving
Recruitment facilitation as a means of seagrass rehabilitation
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Meeting Room 9 – Restoration Genetics 1 (Organised Oral Session)

- 800 **Colin Yates**
Climate change, seed sourcing and ecological restoration – implications for Mediterranean climate south-west Western Australia
- 820 **Linda Broadhurst**
Restoration of resilient native vegetation in agricultural landscapes
- 840 **Kristina Hufford**, Hans Lambers, Siegy Krauss, Erik Veneklaas
Outbreeding depression in the Styliaceae: testing the genetic consequences of mixing seed provenances
- 900 **Ann Smithson**
Predicting seed sourcing zones in a changing climate: the power and promise of 'omics technologies for estimating adaptability and resilience
- 920 **Robert Barbour**, René Vaillancourt, Brad Potts
Assessing and managing the risk of gene exchange between planted and native eucalypts in Australia
- 940 **Brad Potts**, Robert Barbour, Makiko Mimura, Joao Costa e Silva, Craig Hardner
Forest restoration genetics: lessons from Eucalyptus globulus
- 1000 **Susan Galatowitsch**
Revegetation decision-making in an era of climate change
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Meeting Room 10 – Restoration Education (Organised Oral Session)

- 740 **Cara Nelson**, Tania Schoennagel
Opportunities for academic training in the science and practice of restoration within the United States and Canada
- 800 **Jonathan Bakker**, Justin Howell
An assessment of North American restoration ecology courses
- 820 **Keith Bowers**, Sasha Alexander
SEI standards of practice survey: results and future implications
- 840 **Kern Ewing**, Warren Gold, James Fridley
Giving university students the tools to succeed in the world after school: student-driven community restoration
- 900 **Tatsuaki Kobayashi**, Terumasa Takahashi, Kiyoshi Umeki, Xiping Cheng
Graduate restoration class in Japan as a circle of Pan-Pacific Restoration Ecology Network
- 920 **David Huffman**, W. Wallace Covington, Peter Fule
Integrating restoration education with practice in the American Southwest
- 940 **Valentin Schaefer**
Rigor, respect and relevance in restoration education: the Restoration of Natural Systems Diploma and the Native Species and Natural Processes Certificate programs at the University of Victoria
- 1000 **Koji Nakamura**
Present conditions, problems and human capacity building for ecological restoration and regional reactivation of "satoyama and satoumi" areas in Hokuriku District, Japan
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Tuesday 25 August 09 (1040-1240)

Meeting Room 1 – IUCN Best Practice (Workshop)

Meeting Room 2 – Restoration Ecology in a Changing World (cont.)

- 1040 **Kelly Keefe**, John Ogden, Katie McCallion
What is success in a changing world?
- 1100 **Kingsley Dixon**
Climate change impacts on pollination ecology and consequences for restoration in the southwest Australian biodiversity hotspot
- 1120 **Deborah Finch**, Karen Bagne, Megan Friggens
Strategies for identifying and managing species vulnerable to climate change
- 1140 **Timothy Curran**, Ellen Reid, Sarah Bernstein, Eric Braden, Eileen Butterfield, Deanna Eickhoff, Jennifer Goodwillie, Amanda Lee
Using plant functional traits to explain frost susceptibility in rainforest restoration
- 1200 **Dirac Twidwell**, William Rogers, Samuel Fuhlendorf, Charles Taylor Jr., Urs Kreuter
Overcoming ecological and social resilience to restore fire dependent systems

- 1220 **Mark Hester**, Lauren Alleman, Christine Pickens
Status of black mangrove (Avicennia germinans) restoration ecology in Louisiana, USA: insights for a changing world
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Meeting Room 3 – Aboriginal Traditional Ecological Knowledge (Symposium) (cont.)

- 1040 **Veronica Dobson**, Jayne Brim-Box, Meg Mooney
Protecting the springs of Urlampe-arenye Ranges at Ltyentye Apurte
- 1100 **Riki Gunn**
Carpentaria Ghost Net Programme: saltwater people working together
- 1120 **Dennis Martinez**
Balancing two worlds: the complementarity of indigenous traditional ecological knowledge and western science in restoring natural systems
- 1140 **Alejandro Argumedo**
The Potato Park, an Indigenous Biocultural Heritage Territory
- 1200 **Aareka Hopkins**
Restoring the mauri of riverine lakes and wetlands in North Waikato, Aotearoa-New Zealand
- 1220 **Essa Suso**, Amadou Camara
The role of sacred sites in ecosystem management and maintenance of cultural identity in The Gambia
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Meeting Room 6 – Landscape-Scale Restoration (cont.)

- 1040 **Hein van Kleef**, Gert-Jan van Duinen, Wilco Verberk
Translating landscape ecological processes to local restoration measures – a raised bog case study
- 1100 **David Tongway**, John Ludwig
Monitoring restoration for pleasure and profit
- 1120 **Bryan Botson**, Dale Gawlik
Empirical support for the key trophic hypothesis underlying the restoration of the Florida Everglades, USA
- 1140 **Alena Jírová**
Spontaneous recovery of near-natural vegetation in abandoned fields
- 1200 **Chang Seok Lee**, Hyun Cheol Shin
The effects of restoration confirmed in Pitch pine plantation in South Korea
- 1220 **Daniel Rogers**, Zita Stokes, Andrew West, Rob Wallace, Elspeth Young
Planning for ecological restoration in South Australia: can we do things better?
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Meeting Room 7 – Disturbance and Fire (cont.)

- 1040 **Alys Stevens**, Rebecca Duffield, David Paton
The influence of fire, grazing and drought events on Fleurieu Peninsula Swamp vegetation
- 1100 **Paulette Ford**, Laura Calabrese, Scott Collins, Don Kearney
Fire as a restoration tool in grasslands: experimental fire in two different grassland ecosystems in the southwestern United States
- 1120 **Gabriela Sosa**, William Rogers, Charles Taylor, Dirac Twidwell
Managing a disturbed ecosystem: prescribed fires and herbivory to effectively control Opuntia cacti invasions
- 1140 **Neil Davidson**, Tanya Bailey, Dugald Close
Importance of coarse wood debris and a hot fire in the restoration of dry eucalypt forests
- 1200 **Carl Gosper**, Colin Yates, Suzanne Prober
Restoring an appropriate fire regime to fragmented remnants: a vital attributes approach
- 1220 **David Toledo**, Urs Kreuter, W. Richard Teague
Human and ecological dimensions of using extreme prescribed fire to restore rangeland ecosystems in Texas
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Meeting Room 8 – Forest Restoration

- 1040 **Adriana Edit Rovere**
Analysis of the vegetation for the restoration of two forests degraded in Patagonia (Argentina)
- 1100 **Katinka Ruthrof**, Tegan Douglas, Michael Calver, Bernard Dell, Paul Barber, Giles Hardy
Early establishment of canopy and understorey species in degraded Tuart (Eucalyptus gomphocephala) forest: do plant treatments work and how can the community help?
- 1120 **Sabine Kasel**, Trevor Meers
Seed traits predict rehabilitation needs of former pine plantations across south-eastern Australia

- 1140 **Giselda Durigan**, Eliane Honda, Karine Gênova, Francisco Santos, Antônio de Melo
Soil water as an abiotic filter in riparian forest restoration under a seasonal climate, southeastern Brazil
- 1200 **Shaolin Peng**, Ting Zhou, Li-Yin Liang, Wen-Tao Ren
The multi-scale coupling of forest landscape dynamics in Dinghushan Nature Reserve, Guangdong Province, China
- 1220 **Azim Mallik**, Robin Bloom, Laura Siegwart, Gregg Walker
Formation of Kalmia heath and restoration of forest in eastern Canada
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Meeting Room 9 – Restoration Genetics 2

- 1040 **Stanford Young**
Seed provenance: here to there and back again
- 1100 **Melanie Conomikes**, Cassandra McClean, Gregory Moore
*Genetic techniques suggest a large regional provenance delineation for *Epacris impressa* Labill*
- 1120 **Donna Bradbury**, Siegy Krauss, Ann Smithson, Erik Veneklaas
*A population genomics approach to detect adaptive genetic diversity in Tuart (*Eucalyptus gomphocephala*) populations – implications for conservation and seed-sourcing for ecological restoration*
- 1140 **Kevin Rice**, Jay Kitzmiller, Linnea Hanson
Scales of adaptation and determining seed provenance zones for native grass restoration in the forests of the Sierra Nevada mountains, California, U.S.A.
- 1200 **Tomoko Otao**, Tatsuaki Kobayashi, Koichi Uehara, Yoshiharu Fujii
*Ecological characteristics of invasive type *Indigofera pseudotinctoria* Matsum in Japan*
- 1220 **Yu-Huang Wang**, Liang-Kong Lin, Kuoh-Cheng Yang
*Landscape genetics of *Niviventer coninga* in Sanyi Township, Miaoli County, Taiwan*
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Meeting Room 10 – Agriculture Landscape Restoration

- 1040 **Alfons Smolders**, Esther Lucassen, Mark Van Mulleko, Hilde Tomassen, Emiel Brouwer, Jan Roelofs
Ecological restoration of agricultural areas: experiences from the Netherlands
- 1100 **Monique van Kempen**, Fons Smolders, Jan Roelofs
Azolla farming as an ecological restoration tool to extract phosphorus from former agricultural lands
- 1120 **Jurate Sendzikaite**, Romas Pakalnis, Dalia Aviziene, Leonas Jarasius
Naturalization as a tool for restoration of semi-natural meadow ecosystems on reclaimed Lithuanian agricultural landscape
- 1140 **Matthew Colloff**, Kimberi Pullen, Saul Cunningham
Restoration of an ecosystem function to revegetation communities: the role of invertebrate macropores in enhancing soil water infiltration
- 1200 **Carly Cowell**, Patricia Holmes
Investigating the most favourable seed establishment methods for restoring Sand Fynbos on old fields
- 1220 **Karel Vorisek**, Lubomir Ruzek, Michaela Ruzkova, Dana Zarubova
Disturbed sites restoration using mixture of construction and biodegradable wastes