

Theatre – Post-Mine and Road Restoration

- 740 **Jan Frouz**, Vaclav Pizl, Karel Prach
The role of soil fauna in soil formation in post mining sites
- 800 **Elizabeth Williams**
Improving the management of rehabilitated mines: ant community response to secondary habitat disturbances at a Queensland mine
- 820 **Malcolm Wealleans**
Waste dumps to Mesas
- 840 **Peter Golos**, Kingsley Dixon, Deanna Rokich
Restoration of biodiverse vegetation cover to waste rock dumps at Telfer Gold Mine: topsoil management and plant establishment
- 900 **Stephen Benigno**, Jason Stevens, Deanna Rokich, Christoph Hinz, Kingsley Dixon
Ecophysiological adaptations of framework Banksia woodland species to drought and soil compaction stresses in post-minesite restoration
- 920 **Erik Veneklaas**
Building arid-zone ecosystems using ecophysiological insights
- 940 **Sabine Tischew**, Anita Kirmer, Annett Baasc
Post-mine restoration: the role of species pool and site conditions

Meeting Room 1 – Woodland Restoration

- 740 **Elizabeth Lindsay**, Saul Cunningham
Native grass seed addition to woodland understorey along a nutrient and exotic plant cover gradient
- 800 **Sarah Goldin**
Buffering the extremes: ameliorative effects of large woody debris
- 820 **Sacha Jellinek**, Kirsten Parris, Don Driscoll, Brendan Wintle
Is habitat restoration working? Determining and increasing the value of revegetation for biodiversity
- 840 **Laura Phillips-Mao**
Impacts of garlic mustard on oak woodland plants: implications for restoration
- 900 **Antonello Franca**, Federico Sanna, Giovanna Seddaiu, Salvatore Caredda
Response of the seed bank to the post-fire recovery of a Mediterranean woodland ecosystem
- 920 **Craig Allen**, Brian Jacobs, Rory Gauthier
Landscape-scale ecological restoration treatments confer increased woodland vegetation resiliency to global change
- 940 **Rachael Ord**, Deanna Rokich, Shane Turner, Jason Stevens, Kingsley Dixon
Post removal of Pinus pinaster plantations in Western Australia: implications for reinstatement of Banksia woodland, a historical ecosystem assemblage

Meeting Room 2 – Management and Technical Aspects

- 800 **Hank Bower**, Sue Bower, Stephen Wills, Chris Haselden
Restoring Lord Howe Island's ecosystems
- 820 **Jen Ford**
Achieving restoration in a world of competing priorities
- 840 **Valentin Schaefer**
The importance of a natural resource management plan in restoring urban parks: a case study of Metro Vancouver, British Columbia
- 900 **Heather Bateman**, Howard Snell
The mechanism of confusion: how varying goals may impact the relative merits of restoration ecology projects
- 920 **Cristian Echeverria**, Adriana Rovere, Edgar Garcia, Marcela Bustamante, Fabiola Lopez, Edgar Gareca, Ingo Isernhagen, Milagros Jimenez,
Goals and challenges in REDLAN (Latin American Network of Ecological Restoration)
- 940 **Libby Rumpff**, Peter Vesk, David Duncan, Brendan Wintle
What to measure and how? Setting clear management objectives and performance measures to ensure successful monitoring for vegetation restoration projects

Meeting Room 3 –Restoration Approaches (Symposium)

- 840 **Viki Cramer**
New approaches for new times: applicable and adoptable or elegant but impractical?

- 900 **Vicky Temperton**, Lea Martin, Uwe Rascher
Testing new techniques in understanding the trajectories of dry grassland restoration – stable isotope techniques and imaging technologies
- 920 **Brandon Bestelmeyer**
Threshold models in restoration – can we ever predict threshold responses?
- 940 **Richard Hobbs**, Eric Higgs, Jim Harris
Novel ecosystems: looking forwards rather than back
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Meeting Room 6 – Swan River Trust Sponsored River Restoration Session

- 720 **Megha Raj Regmi**, Binita Pokharel
Sustainable approach to river restoration: challenges and perspectives for Nepal
- 740 **Saskia Fourie**
Best management practices for clearing and restoration of alien invaded riparian systems: working for water and water neutral case studies
- 800 **Paul Reich**, Sam Lake, Timothy Cavagnaro, Laura Williams, Matthew Johnson, Thomas Daniel
The challenge of restoring river red gum-dominated riparian zones
- 820 **Matthew Johnson**, Paul Reich, Sam Lake, Ralph Mac Nally
Responses of bird communities to riparian restoration during drought
- 840 **Damien McMaster**, Nick Bond, Paul Reich, James Thomson, Sam Lake
Predicting the impacts on fish of restoring flow intermittency in lowland streams
- 900 **W. Barry Southerland**
Geomorphic restoration of incised and aggraded systems in glacial fluvial troughs
- 920 **David Manahan**
Water quality, land use, and restoration in the upper Barron River catchment, Far North Queensland
- 940 **Kelly Burks-Copes**, Antisa Webb, Jim Henderson, Ondrea Hummel, Barry Payne
Capturing the human dimension of ecosystem restoration: using GIS and multi-criteria decision analysis to measure ecosystem services affected by proposed restoration plans along the Middle Rio Grande
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Meeting Room 7 – Indigenous Knowledge and Fire Restoration (Symposium)

- 800 **Dennis Martinez**
Introduction
- 820 **Don Hankins**
Patch mosaic burning: indigenous fire use as a baseline process
- 840 **Dean Yibarbuk**
Perspectives on aboriginal and park ranger burning in northern Australia
- 900 **David Claudie**
Indigenous knowledge of fire and land management in Cape York Peninsula
- 920 **Leanne Liddle**
Aboriginal fire management: what scientists need to know
- 940 **Dennis Martinez**
The complementarity of indigenous knowledge and western science in the restoration of fire-adapted ecosystems in Spain, Northern Australia, and California
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Meeting Room 8 – Grassland, Shrubland, Desert Restoration

- 720 **Pradip Krishen**
Eco-restoration in the rocky desert habitat around the Mehrangarh Fort, Jodhpur in Rajasthan, India
- 740 **Mohammad Jankju**
Rangeland restoration by seeding perennial grasses under the canopy of shrubs
- 800 **Valerie Eviner**, Kevin Rice, Carolyn Malmstrom
Controlling the invasion of noxious rangeland weeds into an exotic-dominated grassland: a role for the restoration of native plants?
- 820 **Urs Kreuter**, Richard Teague, Bill Rogers, Butch Taylor, Richard Conner
Using extreme fire to restore ecosystems in the Southern Plains: an ecological, economic and social evaluation
- 840 **Dick van der Hoek**
*Is it possible to restore *Cirsio-Molinietum* meadows on former agricultural land by rewetting and sod-stripping?*
- 900 **Paul Gibson-Roy**
The reconstruction of species-rich grassland

- 920 **Luis Ramirez Yañez**, Felipe Chavez-Ramirez, Daniel Kim, Feliciano Heredia
Patterns vs. processes: Whooping Crane Trust experience in restoring grasslands in Central USA
- 940 **Thomas A. Grant III**, Mark Paschke
Use of native soil inoculum in the restoration of lands invaded by exotic weeds
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Meeting Room 9 – Monitoring

- 800 **Kylie Freebody**, Carla Catterall, John Kanowski, Debra Harrison
Planting models and their revegetation outcomes in the Australian upland Wet Tropics: a retrospective assessment
- 820 Sam Marwood, Hannah Pexton, **Paul Wilson**, Rod Taylor
Improving river health monitoring and forecasting at the site-scale
- 840 **Aida Farag**, David Harper, Susan Finger
Methodologies for characterizing aquatic health can be used to monitor recovery in watersheds affected by mines
- 900 **Garreth Kyle**, David Duncan
Evaluating the magnitude, motivation and cause of funded and unfunded change in native vegetation cover: 1946–2007
- 920 **Phumza Ntshotsho**, Belinda Reyers, Karen Esler
Examining the evidence base for restoration
- 940 **Ted Shear**, David O'Loughlin, Yari Johnson
New approaches to evaluating the performance of forested wetland restoration
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Meeting Room 10 – Gondwana Link (Symposium)

- 740 **Keith Bradby**
Gondwana Link – why and how?
- 800 **Paula Deegan**
Planning for a resilient landscape
- 820 **Eugene Eades**
Ecological and cultural healing
- 840 **Alexander Watson**, Simon Judd
Synchronising science and advocacy for big impacts – 40 million acres can't be wrong!
- 900 **Justin Jonson**
Ecological restoration at the patch and property scale
- 920 **Robert Lambeck**, David Freudenberger, Hamish Jolly, Tim Beshara
Developing commercial opportunities to pay for large scale restoration
- 940 **Angela Sanders**
Measuring success with specific restoration targets
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Wednesday 26 August 09 (1020-1220)

Theatre – Post-Mine and Road Restoration (cont.)

- 1020 **Eddie van Etten**, Clint McCullough, Mark Lund
How precisely do we need to match topsoil to site for successful restoration of post-mining environments? – a case study from wetlands in south-western Australia
- 1040 **Dulana Herath**, Byron Lamont
Persistence of resprouting species after fire in natural and post-mine restored shrublands in southwestern Australia
- 1100 **Rohan Sadler**, Matthias Boer, Brad Stokes, Steve Vlahos, Pauline Grierson
Remotely-sensed 3D fuel structures and fire behaviour on a rehabilitated bauxite mine site
- 1120 **John Koch**, John Gardner
Protocol for selection of plant material for Alcoa's mine restoration; the role of DNA analysis and micropropagation
- 1140 **David Wilyams**
Restoration of Jarrah forest geophytes
- 1200 **Sandra Santich**, Kathy Meney, Anita Cole
The value of restoration planning: seven years of rehabilitation monitoring on a closed minesite on the Scott Coastal Plain, Western Australia
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Meeting Room 1 – Role of Botanic Gardens (Workshop)

- 1020 **Paul Smith**, Kate Hardwick, Suzanne Sharrock

Meeting Room 2 – Management and Technical Aspects (cont.)

- 1020 Trent Bell**
Restoring and monitoring New Zealand's lizard fauna - the situation, issues and potential solutions
- 1040 Tyler Beck**, Dale Gawlik, Elise Pearlstine
Avian abundance and diversity as restoration metrics in the Florida Everglades (USA): more is not better
- 1100 Stephane Boyer**, Steve Wratten, Gregor Yeates, Mark Pizey, Paul Weber
Using endemic earthworms in opencast mine rehabilitation: a New Zealand approach
- 1120 Alwyn Williams**, Hayley Ridgway, Nick Legard, David Norton
Different arbuscular mycorrhiza communities effect the growth of Podocarpus hallii cuttings
- 1140 Waleed Roy**
Decision support systems to evaluate the terrestrial biodiversity of Kuwait
- 1200 Samira Asem**, Waleed Roy
Dynamics of the Rhanterium epapposum plant community over three decades of restoration in Kuwait
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Meeting Room 3 – Restoration Approaches (Symposium) (cont.)

- 1020 Robert Lambeck**
New lands for old: can we meet traditional conservation objectives with novel ecosystems?
- 1040 Jennifer Funk**
Trait based approaches to restoration
- 1100 Loretta Battaglia**, Mark Woodrey, Marc Foster, Hannah Kalk
Back to the future: how do we develop ecologically appropriate targets for restoration under increased climatic extremes?
- 1120 Eric Higgs**
Developing the restoration toolkit: ethics and practicality of new approaches in a changing world
- 1140 Discussion**
- 1200 Discussion**
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Meeting Room 6 – Swan River Trust Sponsored River Restoration Session (cont.)

- 1020 Margaret White**, Juliet Stromberg
Spatial patterns of wastewater discharge and riparian vegetation response in effluent dependent systems in the Desert Southwest
- 1040 Tanya Blakely**, Jon Harding, Hans Eikaas
Non-randomly assembled communities in tropical streams across an urbanization gradient: Implications for stream restoration
- 1100 Yuichi Kayaba**, Kentaro Nozaki, Yoichi Kawaguchi, Tomoko Minagawa
Evaluation of a re-meandering project in the Shibetsu River from an aspect of primary production process
- 1120 Peter Davies**
River restoration: spatially optimising riparian re-vegetation at a catchment scale
- 1140 C. Ellery Mayence**, Robert Godfree, David Marshall
Control measures for a native invasive plant and implications for restoring internationally significant Murray River wetlands
- 1200 David Carew**, Robert Dabal, Damian Magner
20 year vegetation template: a tool for setting long-term ecological and functional riparian vegetation management on a catchment scale
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Meeting Room 7 – Sustainability (Symposium)

- 1020 Diane Larson**, Laura Phillips-Mao, Gina Quiram, Leah Sharpe, Rebecca Stark, Shinya Sugita, Annie Weiler
Is invasive species management an oxymoron?
- 1040 Peter Carrick**, Raldo Kruger, Susan Botha
What's in the box? Packaging research, support and new local businesses into systems for restoration in semi-arid South Africa
- 1100 David Lamb**
Strategies for large scale tropical forest restoration in the Asia-Pacific region: building resilience
- 1120 Susan Galatowitsch**

Assessing the feasibility of landscape-scale invasive species control and post-eradication restoration

1140 **Young Choi**

Challenges of ecological restoration for future sustainability

1200 *Discussion*

Meeting Room 8 – Grassland, Shrubland, Desert Restoration (cont.)

1020 **Ben Miller**, George Perry, Neal Enright, Byron Lamont

Contrasting spatial pattern and pattern forming processes in southwest Western Australia natural and restored shrubland communities

1040 **William Fox**, Dennis Hoffman, June Wolfe, Jason McAlister

Improving sustainability on military training lands in Texas

1100 **Mark Tibbett**, Anita Diaz, Ian Green

Heathland and acid grassland restoration on improved farmland in the UK

1120 **Christine Hawkes**, Eric Menges

Manipulating microbes to mitigate invasion legacies and restore ecosystems

1140 **Xiaoan Zuo**, Xueyong Zhao, Yirui Guo, Tonghui Zhang, Wei Mao

Species diversity of degraded vegetation in the different restoration age in Horqin Sandy Land, Northern China

1200 **Jim Weigand**, Kristin Berry

Legacy patterns in Mojave desert vegetation 36 years after restoration

Meeting Room 9 – Natural Resource Damage Assessment and Restoration (NRDAR) Program (Symposium)

1020 **Frank DeLuise**, Steve Glomb, Susan Finger

Overview of the Natural Resource Damage Assessment and Restoration Program

1040 **Russ MacRae**

Injury determination in the Natural Resource Damage Assessment and Restoration Program

1100 **Kristin Skrabis**

The role of economics in the Natural Resource Damage Assessment Process

1120 **Susan Kennedy**, Michael Hooper

Settlement and restoration options for the Natural Resource Damage Assessment and Restoration Program

1140 **Wayne Landis**

The big picture and Natural Resource Assessment and Recovery

1200 **Michael Hooper**, Susan Finger, Susan Kennedy

Monitoring of Natural Resource Damage Assessment (NRDA)-associated restorations

Meeting Room 10 – Plant Re-introductions

1020 **Ian (Bob) Dixon**

Translocating rare flora can produce excellent results in the short term. However, is biodiversity the key to successful restoration and sustainable ecosystems?

1040 **Hai Ren**, Guohua Ma, Qianmei Zhang, Qinfeng Guo, Xinming Jing

Moss is a key nursing plant for reintroduction success of an endangered herb

1100 **Joyce Maschinski**, Samuel Wright, Jennifer Possley, Kristie Wendelberger, Julissa Roncal

The feasibility of assisted migration: when will moving endangered plant species to novel sites work?

1120 **Sandrine Godefroid**, Thierry Vanderborght

How successful are plant species reintroductions?

1140 **Anne Cochrane**, Leonie Monks, Andrew Crawford

Lessons learnt from linking ex situ to in situ conservation of threatened plant species
