



Student Conference on Conservation Science
Australia 2015

Conference Handbook

19 – 29 January 2015
The University of Queensland
Brisbane, Australia



www.sccs-aus.org

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Thomas
Foundation

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Safety notices

Safety and in an Emergency

For **emergencies only** on the **UQ campus** call **336 53333** (*53333 from internal phones*) all hours

For **non-life-threatening security** situations at UQ, call **336 51234**, or **1800 800 123** (*free call*)

If needed, use **security call points** strategically located on the UQ Campus

In Australia dial 000 from a landline or 112 from a mobile for fire, police or ambulance support

For more information on safety: <http://www.uq.edu.au/international-guide/personal-safety>

Dress code:

Excursions: You must wear sunscreen, hat, sun-safe clothing and enclosed shoes.

Workshops: You must wear enclosed shoes.

Welcome

Dear conference participants,

We are delighted to welcome each of you to the 2015 Student Conference on Conservation Science, Australia. You will be in diverse company, with over 100 participants from more than 20 countries, whose research reflects the rich diversity of our discipline. The 2015 conference and associated workshops are an unparalleled chance to share ideas and make new friends. These new colleagues will be essential for your conservation endeavours into the future. Our region, south-east and east Asia, Australasia and the Pacific, is the most biologically diverse region in the world – from the Palearctic habitats in the Himalayas and Japan to the tropical jungles of Melanesia and the temperate rain forests of New Zealand. It will require all of us to save its remarkable biodiversity.



We are appreciative of several generous sponsors for making this event possible: Foremost, our main sponsor, The Thomas Foundation. Additional sponsorship is provided by the Australia Research Council Centre of Excellence for Environmental Decisions and The University of Queensland. Our conference is hosted by the UQ Centre for Biodiversity and Conservation Science, a network of conservation researchers working on the science of effective decision-making for conservation. They will be wearing bright yellow 'volunteer' vests during the conference, so ask them for help.

On behalf of everyone contributing support, organization, and participation in this event, please accept my sincere wishes for an extraordinary interchange of ideas in the days to come.

A handwritten signature in black ink, appearing to read 'H Possingham'.

Dr Hugh Possingham FAA

Director of the Australia Research Council (ARC) Centre of Excellence for Environmental Decisions (CEED)
Director of the National Environmental Research Program (NERP) Environmental Decisions Hub
Professor of Ecology and Professor of Mathematics

A photograph of the University of Queensland St Lucia campus. The image shows a large, light-colored stone building with a prominent entrance. In the foreground, a young man and woman are walking towards the camera. The man is wearing a blue and white plaid shirt and dark pants, and the woman is wearing a black top and dark pants. The sky is a clear, bright blue.

Welcome to the University of Queensland, St Lucia campus

<http://www.uq.edu.au/about/st-lucia>

Quick guide to getting started

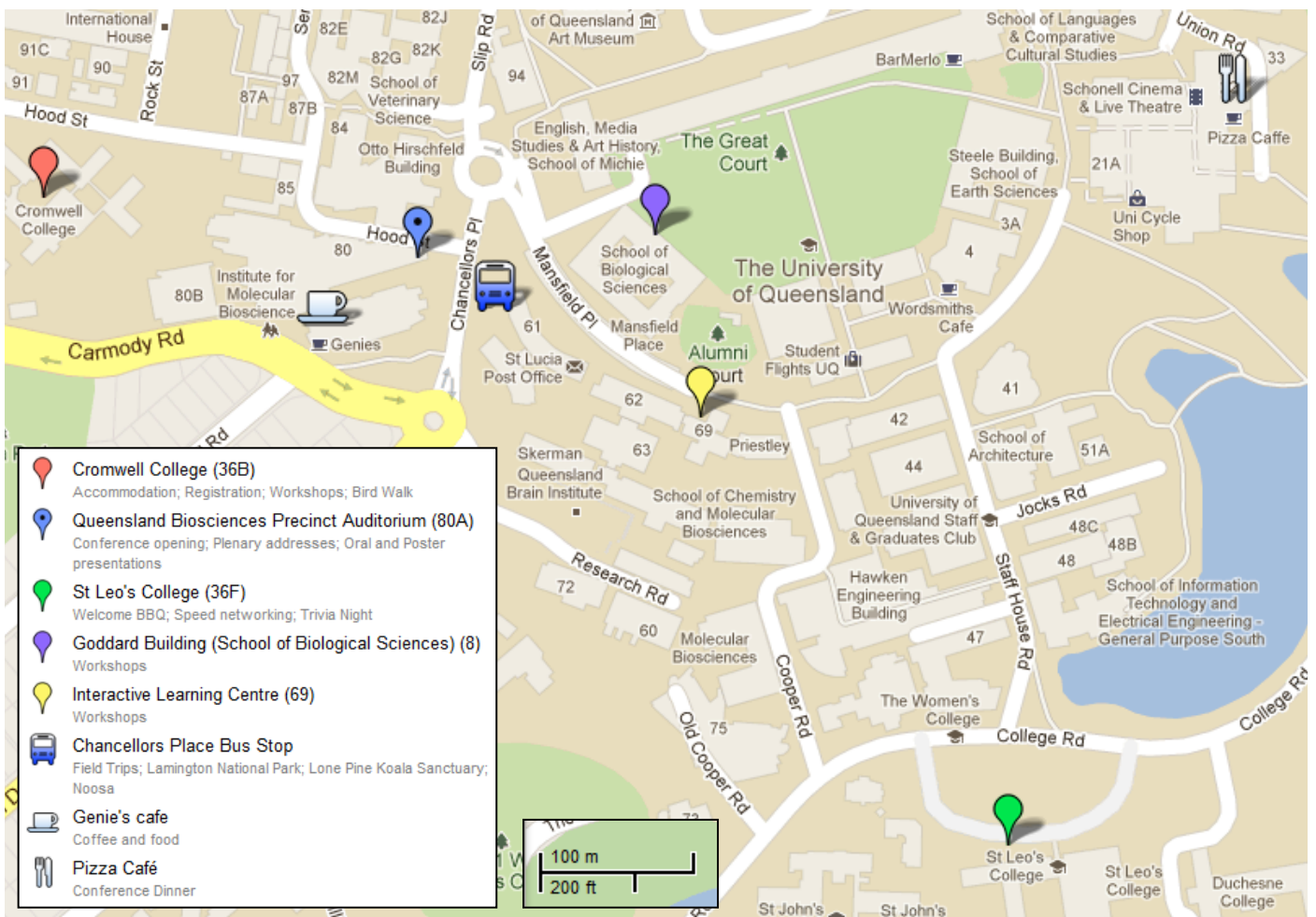
Where should I be at the beginning of each day?

DAY	DATE	TIME	ACTIVITY	MEET AT THIS LOCATION
Presentation days				
Monday	19	16:00	Registration followed by Welcome BBQ	Cromwell College (36B)
Tuesday	20	08:30	Conference Opening followed by Plenary Session	Queensland Biosciences Precinct Auditorium – Building 80A
Wednesday	21	08:45	Announcements followed by Plenary Session	
Thursday	22	08:45	Announcements followed by Plenary Session	
Excursions				
Wednesday	21	06:00	Bird watching Walk	UQ Campus, meet in front of Cromwell College (36B)
Friday	23	08:30	Australia Zoo	Bus Stop: Chancellors Place
Saturday	24	08:00	Lamington National Park	
Sunday	25	08:30	Lone Pine Koala Sanctuary	
Workshops				
Monday	26	09:00	Day 1 Workshops	Individual workshops will take place in several locations within these buildings: Goddard (8), Interactive Learning Centre (69) or Cromwell College (36B)
Tuesday	27	09:00	Day 2 Workshops	
Wednesday	28	09:00	Day 3 Workshops	
Thursday	29	09:00	Day 4 Workshops	

At a glance:

- **Location for presentations and posters:** All oral presentations will be held in the Queensland Biosciences Precinct Auditorium – Building 80A, UQ; posters will be displayed in the foyer outside of the Auditorium for the first week of the conference.
- **Oral presentations:** You must upload your presentation (e.g. Powerpoint) ahead of time. You can do this at the Registration Desk at Cromwell College (Building 36B) at the following times: during Registration; each morning; each morning tea break. Preferred file formats: PowerPoint and PDF files.
- **Posters:** Mount your poster for display on Tuesday 20 January, 8:00 – 8:30 am. Supplies for mounting are in the Auditorium foyer. Please stand by your poster during each poster session to discuss your research and answer any questions.
- **Internet access:** Eduroam, or contact Jane Campbell.
- **Questions:** Please direct inquiries to friendly volunteers (wearing bright yellow vests).
- **Notice Boards:** A notice board will be located at Cromwell College. Check here for announcements or any changes in the schedule or to post messages to your conference friends.
- There will be some **prizes** for posters and talks.
- Look for **social events** scheduled throughout the conference--join in on the fun and make the most of the opportunity to get to know your colleagues better!

Key Locations



Additional information on the Web:

For more information on places to eat, and how to find your way around campus, see our website:

<http://www.sccs-aus.org/about/during-your-stay.html>



Location Overview

- St Lucia Village Eateries**
15 minute walk to cafés and food market.
- CityCat Ferry Terminal**
Take to Brisbane City/Southbank
- UQ Lakes Bus Stop**
Take 109 to Brisbane City/Southbank

Australia Day BBQ:
Toowong Bowls Club
59 Gailey Rd, Taringa 4068



Plenary speakers

Dr Erik Meijaard – 9:00 am Tue 20 Jan

Conservation science in the Asia-Pacific

People and Nature Consulting International

Dr Erik Meijaard runs the terrestrial branch of PNC International. He has an academic background in tropical ecology and a PhD in biological anthropology. His academic work focuses on the evolutionary history of the mammals of the Malay-Archipelago, and trying to understand what that means for their conservation.

Prof Lei Cao – 9:00 am Wed 21 Jan

The East Asian-Australasian Flyway: waterbirds in trouble

Chinese Academy of Sciences

Lei Cao is a Professor and PhD supervisor at the University of Science and Technology in China. Since 2004 Prof Cao has developed a great interest in the serious environmental problems occurring in the Yangtze River floodplain wetlands and her research work is now focused on understanding the causes of these and their impact on waterbirds.

Prof Hugh Possingham– 9:00 am Thu 22 Jan

Optimal monitoring for nature conservation

University of Queensland

Professor Hugh Possingham's research interests are in conservation research, operations research and ecology. More specifically, his lab works on problems to secure the world's biological diversity: efficient nature reserve design, habitat reconstruction, monitoring, optimal management of populations for conservation, cost-effective conservation actions for threatened species, pest control and population harvesting, survey methods for detecting bird decline, bird conservation ecology, environmental accounting and metapopulation dynamics.

Arrival and welcome

MONDAY 21 January 2015

4:00 – 6:00 pm

Registration @ Cromwell College. Meet here at 5:45pm to walk to Welcome BBQ (below).

6:00 pm

Welcome BBQ @ St Leo's College. A traditional Australian welcome and a chance to meet fellow participants and plenary speakers.

Presentations

TUESDAY 20 January 2015

8:30 Conference Opening @ Queensland Biosciences Precinct Auditorium

“Welcome to Country” by **Uncle Des Sandy** on behalf of the Yuggera people, while also acknowledging the Jagera and the Turrbul people and “Conference Opening” by **Professor Peter Høj**, Vice-Chancellor and President of The University of Queensland

9:00 **Dr Erik Meijaard** Plenary address: Conservation science in the Asia-Pacific

9:50 Morning tea and poster session

10:50 **Mr Vy Nguyyen Tran**
King Mongkut's University
of Technology Thonburi,
Vietnam Ecology and conservation of Germain's Peacock Pheasant (*Polyplectron germaini*) in Viet Nam

11:00 **Miss Poonam Devi**
University of the South
Pacific, Fiji An empirical assessment of environmental sustainability in the informal settlements of Suva, Fiji Islands.

11:10 **Ms Aini Hasanah Abd
Mutalib**
Universiti Sains Malaysia,
Malaysia Seeing the glass half full: The common management success factors of Orang Utan's conservation at the rehab centers in Malaysia and Indonesia.

11:20 **Mr Richard Muallil**
University of the
Philippines, Philippines On the sustainability of small-scale fisheries in the Philippines

11:30 **Mr Sudhanshu Mishra**
Wildlife Institute of India &
Banasthali Uni, India Population genetics of Bengal tigers in India and its implications in forensics and conservation

11:40 **Ms Wulan Pusparini**
University of
Massachusetts, USA Sumatran Rhinoceros Population Change in Bukit Barisan Selatan National Park, Sumatra, Indonesia.

11:50 Lunch

12:50 Poster session @ Foyer outside Queensland Biosciences Precinct Auditorium

13:50 **Ms Grace Nugi**
Wildlife Conservation
Society /University of PNG,
Papua New Guinea The customary use of the Vulturine Parrot (*Psitttrichas fulgidus*) in traditional attire and its implications for conservation in the highlands of Papua New Guinea.

14:00 **Ms Yashika Nand**
University of the South
Pacific, Fiji Coral disease distribution, diversity and prevalence on Fiji's reefs

14:10

Continued on next page...

Presentations

TUESDAY 20 January 2015 *continued*

14:20	Mr Corzzierrah Posala University of the South Pacific, Solomon Islands	Feeding preferences and behaviour of two endemic fruit bats in the Solomon Islands
14:30	Ms Nareumon Tantipisanuh King Mongkut's University of Technology, Thailand	Representation of the Protected Area Systems in the Indo-Burma Hotspot: Increasing Completeness
14:40	Mr Latu Aisea University of the South Pacific, Tonga	Temporal characterization of Humpback whale song in Tongan waters
14:50	Ms Bindiya Rashni University of the South Pacific, Fiji	Effect of catchment forest cover on macroinvertebrate community structure in streams of Fiji
15:00		Afternoon tea and poster session
16:00	Ms Shweta Shivakumar Wildlife Conservation Society, India	Leopard- livestock attack predictive models and their dependence on scale in a Human dominated rural landscape of India
16:10	Mr Hebo Peng Fudan University, China	Stopover ecology of northward migrating great knots in the Yellow Sea
16:20	Mr Trishant Simlai Foundation for Ecological Security, India	Prioritising Conservation to Protect 'Wastelands': The Curious Case of India's grasslands
16:30	Ms Heather Taitibe University of Papua New Guinea, Papua New Guinea	Comparative ecology of seven endemic frog species at different elevations on Manus Island, Papua New Guinea, in relation to climate change.
16:40	Mr Sam Un Eam Fauna & Flora International, Cambodia	Reviews of the current status Pygmy slow loris (<i>Nyctice buspygmaeus</i>) and future conserving action requirements in Cambodia
16:50	Ms Nikki Dyanne Realubit University of the Philippines, Philippines	Validating and revisiting the historical distribution of the Critically Endangered Isabela Oriole (<i>Oriolus isabellae</i>): establishing baseline information for conservation
19:00		Speed networking @ St Leo's College. A fun and unique opportunity to network with great people you'll want to meet: plenary speakers, conservation practitioners and non-government organisation representatives.

Presentations

WEDNESDAY 21 January 2015

6:00 **Bird walk.** Enjoy birdwatching around the UQ campus with Prof Hugh Possingham. *Meet outside Cromwell College.* We recommend you bring binoculars and walking shoes.

8:45 **Announcements @ Queensland Biosciences Precinct Auditorium**

9:00 **Prof Lei Cao** **Plenary address: East Asian-Australasian Flyway: waterbirds in trouble**

9:50 **Morning tea and poster session**

10:50 **Mr Finley Roberts**
University of Melbourne,
Australia
Assess the trade-offs in using fire management to achieve multiple conservation objectives

11:00 **Miss Kay Critchell**
James Cook University,
Australia
Impacts and risk of the micro plastic portion of marine debris to marine organisms

11:10

11:20 **Mrs Sayma Akhter**
Bangor University, United
Kingdom
A New Look at Wild Fruit Species: Implications for Conservation

11:30 **Mr Yufang Gao**
Yale University, United
States
Elephant Ivory Trade in China: Trends and Drivers

11:40 **Mr Renato Crouzeilles**
Federal University of Rio de
Janeiro, Brazil
The effects of landscape context and local scale on restoration success: a global meta-analysis

11:50 **Lunch**

12:50 **Poster session @ Foyer outside Queensland Biosciences Precinct Auditorium**

13:50 **Mr Christophe Cleguer**
James Cook University,
Australia
Drivers of the dugong distribution in a high conservation value area in New Caledonia

14:00 **Ms Shana Nerenberg**
Australian National
University, Australia
Possibilities in plantings: opportunities for recovery of ground layer native plant diversity in agricultural landscapes

14:10 **Ms Sarah Engelhard**
Griffith University, Australia
A network analysis of habitat connectivity for marine fish

14:20 **Miss Stephanie Borelle**
Auckland University of
Technology, New Zealand
Post-eradication prioritization of islands for assisted seabird colonization

14:30 **Mr Jeremy Simmonds**
University of Queensland,
Australia
Not all landscapes are the same - non-random clearing and the confounded area metric

Continued on next page...

Presentations

WEDNESDAY 21 January 2015 *continued*

14:40	Ms Rochelle Steven Griffith University, Australia	Birdwatcher preferences for species and habitats: extending our understanding
14:50	Mr Michael Ansong Griffith University, Australia	Unintentional human-mediated weed seed dispersal
15:00		Afternoon Tea and Poster Session
16:00	Mr Will Neal University of Melbourne, Australia	What can genetic information tell us about ecological and evolutionary processes among plants in South Western WA, and how can this be useful in conservation decision making?
16:10	Mr Catherine Hayes University of Queensland, Australia	Conservation ecology of Sharman's rock wallaby
16:20	Miss Penthai Siriwat University College London, Thailand	Conservation planning in Madagascar under Climate Change
16:30	Ms Saras Windecker University of Melbourne, Australia	Using the effect trait framework to understand functional trait diversity change in impacted wetlands
16:40	Ms Shalini Rajakaruna Sri Lanka	Livelihoods of villagers Vs declining biodiversity in Mahaweli floodplains of Sri Lanka
16:50	Mr Peter Rankin University of Queensland, Australia	An alternative surplus production model - using hierarchical Bayesian inference in fisheries models
Free night or Art Exhibition 'ArteFact' at Cromwell College (7:00 pm)		

Presentations

THURSDAY 22 January 2015

8:45 **Announcements @ Queensland Biosciences Precinct Auditorium**

9:00	Prof Hugh Possingham	Plenary address: Optimal monitoring for nature conservation
9:50		Morning tea and poster session
10:50	Miss Bethan Littleford-Colquhoun University of the Sunshine Coast, Australia	The genetic consequences of urbanisation: the Eastern Water Dragon (<i>Intellagama lesueurii</i>) as a model species
11:00	Mr Mohd Uzair Rusli University of Queensland, Australia	An evaluation of splitting egg clutches practice in sea turtle hatcheries
11:10	Ms Peri Bolton Macquarie University, Australia	The colour of conservation - can colour polymorphism affect population structure in the Gouldian finch?
11:20	Ms Carmen Amos Charles Sturt University, Australia	Microhabitat use of frog species <i>Limnodynastes tasmaniensis</i> in the Lachlan Catchment of New South Wales
11:30	Mrs Eleanor Velasquez Queensland Uni of Technology, Australia	Pumice rafting: A hitchhiker's guide to marine biodiversity
11:40	Mr Thomas Hunt University of Adelaide, Australia	The role of Black Box (<i>Eucalyptus largiflorens</i>) in the ecology of woodland birds
11:50		Lunch
12:50		Poster session @ Foyer outside Queensland Biosciences Precinct Auditorium
13:50	Mr Joshua Comrade Buru Queensland Uni of Technology, Australia	The role of plant anatomy in invasion ecology
14:00	Miss Angela Recalde-Salas Curtin University, Australia	Variability on vocalisation rates of baleen whales: implications for optimal monitoring using passive acoustics
14:10	Mr Chris Sanderson University of Queensland, Australia	Policy in practice: are we really looking after our threatened species?
14:20	Ms Cécile Sarabain Kyoto University, Japan	Roots & Shoots Iran: A promising Program for Environmental Education in the Middle-East
14:30		

Continued on next page...

Presentations

THURSDAY 22 January 2015 *continued*

14:40	Ms Giovanna McClenachan Louisiana State University, United States	Effects of oil on the rate and trajectory of Louisiana marsh shoreline erosion
14:50	Ms Claire Foster Australian National University, Australia	Synergistic interactions between fire and browsing drive plant diversity in a forest understory
15:00		Afternoon Tea and Poster Session
16:00	Dr Shannon Dundas Murdoch University, Australia	Does drought affected forest influence reptile assemblages in response to habitat changes?
16:10	Ms Fleur Maseyk University of Queensland, Australia	Generation Future — can we have it all? The management of natural capital stocks to deliver multifunctional landscapes.
16:20	Mr Rowan Eisner University of Queensland, Australia	How global oil constraints are threatening biodiversity
16:30	Ms Leigh Gould Griffith University, Australia	Identifying biotic and abiotic barriers to natural regeneration within modified riparian zones of southeast Queensland
16:40	Mr Nicholas Yabsley University of the Sunshine Coast, Australia	Connectivity, reserves and herbivory on subtropical coral reefs
16:50	Ms Natasha Cadenhead University of Melbourne, Australia	Model and scenario uncertainty dominate the evaluation of options for conserving the great desert skink
18:00	Conference Dinner @ the Pizza Caffé, next to the Schonell Theatre (22), UQ	

Posters

TUESDAY 20 January 2015

Presentation date	Position #	Author	Title
Tue, 20 Jan	1	Mr Livatiana Ramanjehimanana , University of Toliara, Madagascar	Bioecology and conservation of the green turtles in Nosy Hao inside the marine protected area of Nosy Hara, north of Madagascar
Tue, 20 Jan	2	Mr Gopal Khanal , Tribhuvan University, Nepal	Habitat factors affecting the dry season distribution and habitat use of the Ganges river dolphin in Karnali river of Nepal and India
Tue, 20 Jan	3	Ms Remelyn de Ramos , University of the Philippines, Philippines	Challenges and opportunities for coral reef conservation in the Philippines: Understanding fishers' perception on Marine Protected Areas establishment
Tue, 20 Jan	4	Ms Emilia Decker , Technical University of Munich, Germany	Does planning for ecological function affect conservation decision making?
Tue, 20 Jan	5	Mr Mark Pacalioga , Philippines	'Hot-spotting': Application of GIS to Enhance Conservation on Marine Turtles in the Philippines
Tue, 20 Jan	6	Ms Stefanie Rog , Monash University, Australia	Conservation planning for mangrove forests and their terrestrial vertebrate fauna
Tue, 20 Jan	7	Ms Magdalena Lenda , Polish Academy of Science, Poland	Do invasive birds undergo metapopulation dynamics and how this affect native bird species?
Tue, 20 Jan	8	Ms Azadeh Karimi , University of Queensland, Australia	A social - ecological approach to inform land use planning and management
Tue, 20 Jan	9	Mr. Sharif Mukul , University of Queensland, Australia	Rapid recovery of tree diversity over forest structure in post kaingin secondary forests in the Philippines
Tue, 20 Jan	10	Ms Samantha Nolan , University of Queensland, Australia	Root exudates in agricultural production
Tue, 20 Jan	11	Ms Rosanna van Hespem , University of Melbourne, Australia	Designing a camera trap arrangement to monitor foxes in semi-arid Australia
Tue, 20 Jan	12	Ms Huiying Wu , University of Queensland, Australia	Insights into koala's menu: Influence of leaf chemistry on dietary choice and habitat quality of western koala populations
Tue, 20 Jan	13	Ms Mariana Ferreira , Federal University of Rio de Janeiro, Brazil	Effects of habitat quality and availability on the abundance of neotropical small mammals in a fragmented Atlantic Forest area in southeastern Brazil
Tue, 20 Jan	14	Mr Pengju Chen , Snow Leopard Conservation Center & Beijing Forestry University, China	Human-Snow Leopard Conflict in the Mt. Everest Region of China: Unintended Consequences of a Compensation Scheme
Tue, 20 Jan	15	Mr Jaewoon Jeong , Griffith University, Australia	Statistical analysis of mark-recapture data of <i>Myotis macropus</i>
Tue, 20 Jan	16	Ms Vanessa Reis , Griffith University, Australia	Integrated conservation planning of the Amazon's river-wetland mosaics

Posters

WEDNESDAY 21 January 2015

Presentation date	Position #	Author	Title
Wed, 21 Jan	17	Ms Yoko Shimizu , University of the Sunshine Coast, Australia	Integration of species distribution models and metapopulation models to investigate the potential impacts of climate change on the endangered rainforest shrub <i>Triunia robusta</i> (Proteaceae), endemic to southeast Queensland, Australia
Wed, 21 Jan	18	Miss Thita Soonthornvipat , Queensland Uni of Technology, Australia	Comparing the ecological and physiological traits of the critically endangered <i>Melaleuca irbyana</i> to the more commonly occurring <i>Melaleuca bracteata</i>
Wed, 21 Jan	19	Mr David Wilkinson , University of Melbourne, Australia	Designing A Monitoring Program for the Giant Gecko on Christmas Island:
Wed, 21 Jan	20	Miss Alice Risely , Deakin University, Australia	Host-pathogen dynamics in long-distance migrants
Wed, 21 Jan	21	Miss Carla Archibald , University of Queensland, Australia	How should we be Managing Urban Green Spaces to Maximize Bird Diversity?
Wed, 21 Jan	22	Mr David Johnson , Australian National University, Australia	Resource use and competition between grassland plant groups
Wed, 21 Jan	23	Ms Laura Williams , University of New England, Australia	Quantifying management efficiency and impacts of an invasive plant on a sub-Antarctic World Heritage island
Wed, 21 Jan	24	Ms Marion Howard , University of the Sunshine Coast, Australia	DNA Barcoding of South East Queensland Rainforest: finalising the collection
Wed, 21 Jan	25	Mr Joseph McMahon , Griffith University, Australia	Targeted and costed river rehabilitation solutions to water quality problems
Wed, 21 Jan	26	Ms Dini Fardila , University of Melbourne, Australia	Habitat fragmentation: What do we know after 20 years of research
Wed, 21 Jan	27	Miss Alina Pung , University of Melbourne, Australia	Trade-offs in fire management between people and avian biodiversity
Wed, 21 Jan	28	Miss Payal Bal , University of Queensland, Australia	What to monitor?
Wed, 21 Jan	29	Mr Hernán Cáceres , University of Queensland, Australia	Flock protection dogs (FPD) as a biological control method of the conflict between wildlife and livestock in the Andean region of Chile
Wed, 21 Jan	30	Ms Xyomara Carretero-Pinzon , University of Queensland, Australia	Are species traits useful to predict primate species responses to habitat loss and fragmentation?
Wed, 21 Jan	31	Mr Robert Clemens , University of Queensland, Australia	Ecology of migratory shorebirds in Australia's ephemeral wetlands
Wed, 21 Jan	32	Mr Diego Felipe Correa Gomez , University of Queensland, Australia	Selection of areas for the construction of biological corridors in the Colombian Andes: case study in the upper and middle basin of the Tunjuelo River

Posters

THURSDAY 22 January 2015

Presentation date	Position #	Author	Title
Thu, 22 Jan	33	Ms Laura Cox , University of Queensland, Australia	Interactions between Indian Mynas and Noisy Miners: The role of spatial and behavioural interactions between alien and native birds in an urban environment
Thu, 22 Jan	34	Ms Kiran Dhanjal-Adams , University of Queensland, Australia	Setting priorities in dynamic migratory networks
Thu, 22 Jan	35	Ms Lara Franco , University of Queensland, Australia	The extinction of experience and human connections with nature
Thu, 22 Jan	36	Ms Yi Han , University of Queensland, Australia	Conservation decision-making in Antarctica: managing invasive species in an ecosystem context
Thu, 22 Jan	37	Ms Isabela Kerber , University of Queensland, Australia	Promises and Pitfalls of the Brazilian Marine Spatial Planning Process
Thu, 22 Jan	38	Miss Jasmine Lee , University of Queensland, Australia	Conserving Antarctic biodiversity under a changing climate
Thu, 22 Jan	39	Mr Sean Maxwell , University of Queensland, Australia	Ecological and conservation implications of extreme weather events
Thu, 22 Jan	40	Ms Jennifer McGowan , University of Queensland, Australia	Sea sharing or sparing: should we focus on more habitat protection or no-take marine areas?
Thu, 22 Jan	41	Mr Sameer Punde , University of Queensland, Australia	Characterizing management problems in Marine Protected Areas
Thu, 22 Jan	42	Ms Rebecca Runting , University of Queensland, Australia	Preserving coastal wetlands under sea level rise: Opportunity costs and payments for ecosystem services
Thu, 22 Jan	43	Ms Monique Cristine Silva Lima , University of Queensland, Australia	Promises and Pitfalls of the Brazilian Marine Spatial Planning Process
Thu, 22 Jan	44	Mr Andres Felipe Suarez Castro , University of Queensland, Australia	Assessing the effects of landscape structure on species diversity and functional diversity relationships
Thu, 22 Jan	45	Mr Ruben Venegas , University of Queensland, Australia	Assessment of biases for using buffered centroids as proxies for the boundaries of Marine Protected Areas: a case study in the Coral Triangle
Thu, 22 Jan	46	Mr Matthew Watts , University of Queensland, Australia	Smoothing the Marxan workflow with R
Thu, 22 Jan	47	Mr Julian Beaman , University of Queensland, Australia	Incorporating phenotypic plasticity and epigenetics into models of population persistence
Thu, 22 Jan	48	Mrs Veronica Gama , University of Queensland, Australia	A habitat based approach for predicting fishing costs for use in marine spatial planning
Thu, 22 Jan	49	Ms Natasha Peters , Bulgarian Society for the Protection of Birds	Return of the Neophron: Conservation of the Egyptian vulture in Bulgaria and Greece

Excursions

*Please remember, the sun in Australia can be quite harsh. This is due to the ozone layer being thinner in the Southern Hemisphere. We highly recommend you wear sunscreen, hat, and long sleeve shirts when out in the sun, and to drink plenty of water. You must also wear closed toe shoes and insect repellent.

WEDNESDAY 21 January 2015

06:00 Depart

Bird watching Walk @ UQ Campus, meet in front of Cromwell College.
Recommended: Binoculars, sturdy walking shoes.

FRIDAY 23 January 2015

08:30 Depart university
18:00 Arrive back at UQ

Field trip: Australia Zoo, buses depart from bus stop on Chancellors Place.
Essential: hat, sunscreen, one litre of water, sturdy shoes and clothes to walk in.
Recommended: swimming costumes towel, wallet, camera. Lunch provided for those staying in Cromwell College; others must bring or purchase their own.

SATURDAY 24 January 2015

08:00 Depart university
18:00 Arrive back at UQ

Field trip: Lamington National Park, buses depart from bus stop on Chancellors Place.
Essential: hat, sunscreen, one litre of water, sturdy shoes and clothes to walk in.
Recommended: insect repellent, camera, rain jacket. Lunch provided for those staying in Cromwell College; O'Reilly's café and shop will be open to purchase lunch.

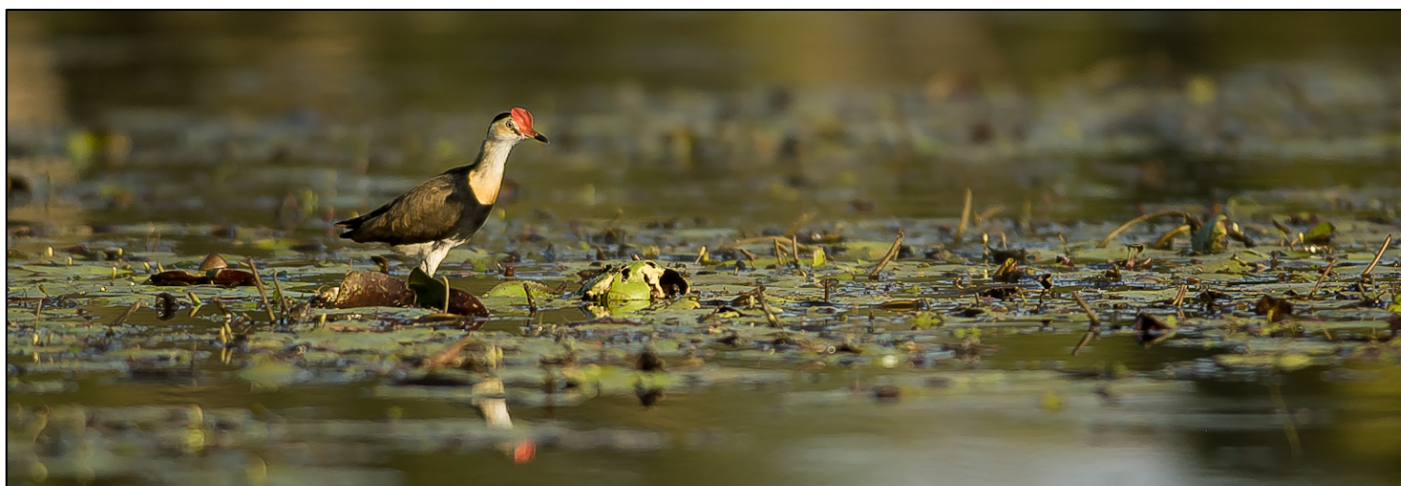
SUNDAY 25 January 2015

08:30 Depart university
14:30 Arrive back at UQ

Field trip: Lone Pine Koala Sanctuary, buses depart from bus stop on Chancellors Place. Recommended: camera and wallet. Lunch provided for those staying in Cromwell College; others must bring or purchase their own.

15:00 – 20:00

Australia Day BBQ @ Toowong Bowls Club (59 Gailey Rd, Taringa). Celebrate this holiday in a uniquely Australian way with a chance to try local delicacies and a summer afternoon game of lawn-bowls. Related to boules and bocce, this game is for everyone – no sporting talent needed. A great way to meet new people!
(Bus for those staying at Cromwell College departs there at 3:00pm, returns at 8:00pm)



Workshop Descriptions

Basic R [Mr Will Morris, University of Melbourne]

This full day workshop will introduce participants to the R software environment and provide some basic training on using R for simple statistical analyses.

Species Distribution Modelling (SDM) [Dr Jane Elith, University of Melbourne]

This 2-full-day workshop will include a mix of lectures, pracs and demonstrations, and emphasise underlying principles of SDMs, good practice in their application, and how to think about what you want to do vs what your data will allow.

Decision Theory [Dr Eve McDonald-Madden, University of Queensland]

This workshop will provide participants with an introduction to decision theory and its applications in environmental decision-making.

Designing Poster Presentations [Mr Arthur Riedel, University of Queensland]

Useful tips and tricks for designing posters that engage audience attention and leave a lasting positive impression.

Effective talks and presentations [Mr David Salt, Editor, Decision Point Magazine]

This workshop will focus on creating and delivering effective oral presentations for scientific/academic conferences.

Introduction to GIS (Geographic Information Systems) [Dr Hawthorne Beyer, University of Queensland]

This half day workshop will introduce participants to the basic concepts in GIS and its potential applications.

Marxan Introduction [Mr Matt Watts, University of Queensland]

This full day workshop will provide participants with basic knowledge and skills necessary to use Marxan for conservation planning.

Spatial Conservation Planning [Dr Morena Mills, University of Queensland]

This workshop will introduce the basic concepts and approaches to spatial conservation planning.

Writing Grant Proposals [Prof Hugh Possingham, University of Queensland]

The workshop will cover some practical advice for writing effective grant proposals for research and conservation projects.

Decision Science Tools for Conservation [Prof Hugh Possingham, University of Queensland]

In this workshop we will discuss a variety of ways of formulating conservation problems and solving them using very simple decision science tools: rule-based, scoring, cost-effectiveness, multi-criteria decision analysis etc.

Project Prioritisation Protocols [Dr Joseph Bennett and Dr Martina Di Fonzo, University of Queensland]

This workshop will discuss ways of prioritising conservation projects to get the best outcomes within limited budgets.

Creative Conversations about Conservation [Dr Cathy Oke, Tipping Point Australia, Dr Ascelin Gordon, University of Melbourne and Ms Payal Bal, University of Queensland]

This workshop is an opportunity for conference participants to think about conservation science research from a creative perspective through a facilitated open space workshop focusing on the conservation-art interface.

Working with NGOs [Dr Hedley Grantham, Conservation International]

Workshop participants will be introduced to various approaches in engaging and establishing productive working relationships with NGO's involved in conservation projects.

Improving conservation practice with social science insights [Dr Morena Mills, University of Queensland]

In this short course we will highlight the contribution of different social science theories to conservation decisions.

Smoothing the Marxan flow with R [Mr Matt Watts, University of Queensland]

This workshop will be an introduction to new techniques developed for Marxan. Attendance would particularly suit those who have some experience with Marxan and some experience with R.

Workshops

*Laboratory dress code: Enclosed shoes MUST BE WORN. This is a UQ Occupational Health and Safety requirement.

MONDAY 26 January 2015

	Building	Room
9:00 – 12:30 Concurrent Sessions A	Marxan Part 1	Goddard Building(08) Room 217
	Basic R Part 1	Goddard (08) Room 255
	Spatial Conservation Planning	Cromwell College (36B) Chapel
	Writing Grant Proposals	Cromwell College (36B) Gifford Room
12:30	Lunch	
13:30 – 17:00 Concurrent Sessions B	Marxan Part 2	Goddard Building (08) Room 217
	Basic R Part 2	Goddard Building (08) Room 255
	Designing Poster Presentations	Cromwell College (36B) Gifford Room
	Decision science tools for conservation	Cromwell College (36B) Chapel
Free Night		

TUESDAY 27 January 2015

	Building	Room
9:00 – 12:30 Concurrent Sessions A	Decision Theory	Goddard Building (08) Room 501
	Designing Poster Presentations	Cromwell College (36B) Gifford Room
	Introduction to GIS	Goddard Building (08) Room 255
	Spatial Conservation Planning	Cromwell College (36B) Chapel
12:30	Lunch	
13:30 – 17:00 Concurrent Sessions B	Decision Theory	Goddard Building (08) Room 501
	Writing Grant Proposals	Cromwell College (36B) Chapel
	Project Prioritisation Protocol	Cromwell College (36B) Gifford Room
	Creative conversations about conservation	Goddard Building (08) Room 502/503
18:00 – 20:30	Trivia night @ St Leo's College. Lets all meet up for a night of fun and laughs and trivia!	

¹ numbers in brackets are building number.

Workshops

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WEDNESDAY 28 January 2015

	Building	Room
09:00 – 12:30 Concurrent Sessions A	Marxan Introduction	Interactive Learning Centre (69) Room 69 (iLC1)
	Species Distribution Modelling Day 1	Goddard Building (08) Room 217
	Project Prioritisation Protocol	Cromwell College (36B) Gifford Room
12:30	Lunch	
13:30 – 17:00 Concurrent Sessions B	Marxan Introduction (continued)	Interactive Learning Centre (69) Room 69 (iLC1)
	Species Distribution Modelling Day 1 (continued)	Goddard Building (08) Room 217
	Effective Talks and Presentations	Cromwell College (36B) Chapel
Free night		

THURSDAY 29 January 2015

	Building	Room
09:00 – 12:30 Concurrent Sessions A	Species Distribution Modelling Day 2	Goddard Building (08) Room 217
	Introduction to GIS	Goddard Building (08) Room 255
	Effective Talks and Presentations	Cromwell College (36B) Chapel
	Improving conservation practice with social science insights	Cromwell College (36B) Gifford Room
12:30	Lunch	
13:30 – 17:00 Concurrent Sessions B	Species Distribution Modelling Day 2 (continued)	Goddard Building (08) Room 217
	Improving conservation practice with social science insights	Cromwell College (36B) Gifford Room
	Working with NGOs	Goddard Building (08) Room 501
	Smoothing the Marxan flow with R	Goddard Building (08) Room 255
Depart UQ 18:00 Depart Hotel 21:00	Conference Farewell @ The Royal Exchange Hotel, 10 High Street, Toowong (off-site), buses depart UQ from bus stop on Chancellors Place. Last chance to mingle with your new conference friends over canapés and drinks. Buses depart Hotel at 9pm.	

¹ numbers in brackets are building number.

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Photographs by Nick Murray (Comb-crested Jacana), Megan Saunders (Green turtle), Rob Clemens (flock of shorebirds) and Jeremy Ringma (rainforest stream)
