



Institute for Land,  
Water and Society  
Charles Sturt University

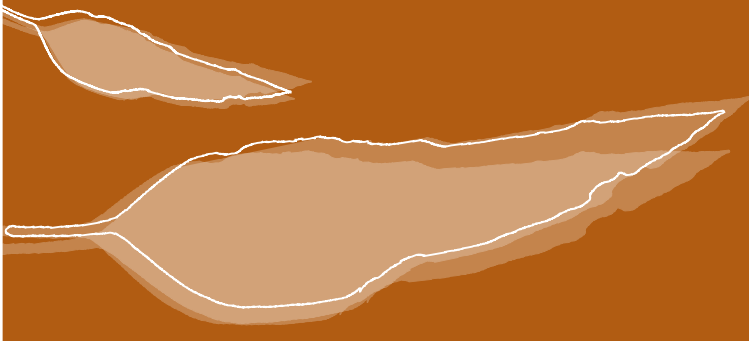


*research for a sustainable future*



Institute for Land, Water and Society

MEMBERS' DIRECTORY  
2020





# Members of the Institute for Land, Water and Society 2019

## Associate Professor Catherine Allan

Environmental sociologist

### Research Interests

- Adaptive environmental management
- Environmental sociology
- Social ecological systems
- Participatory processes and social learning

School of Environmental Sciences, Albury

Email: [callan@csu.edu.au](mailto:callan@csu.edu.au)

## Dr Michael Antolovich

Computer scientist

### Research Interests

- Drones and 3D printing
- AI and robotic systems
- Data analysis and visualisation
- Sensor networks

School of Computing and Mathematics, Bathurst

Email: [mantolovich@csu.edu.au](mailto:mantolovich@csu.edu.au)

## Dr Larissa Bamberly

Sociologist

### Research Interests

- Gender relations in households, labour markets and workplaces
- Work-life balance and gender equality
- Employment relations and bargaining
- Regional growth and development in Australia

School of Management and Marketing, Albury

Email: [lbamberly@csu.edu.au](mailto:lbamberly@csu.edu.au)

## Dr Yapa Bandara

Economist

### Research Interests

- Immigration, internal migration and benefits to regional economies
- Economic wellbeing of farmers and farming families
- Financial liberalisation and poverty alleviation in regional economies

School of Accounting and Finance, Wagga Wagga

Email: [ybandara@csu.edu.au](mailto:ybandara@csu.edu.au)

## Professor Lee Baumgartner

Ecologist - fisheries and river management

### Research Interests

- Freshwater fisheries
- Fish passage and migration
- Mitigating human disturbances
- Hydropower
- Riverine ecology

Institute for Land, Water and Society, Albury

Email: [lbaumgartner@csu.edu.au](mailto:lbaumgartner@csu.edu.au)

## Associate Professor Maree Bernoth

Researcher of ageing

### Research Interests

- Ageing
- Rural ageing
- Working with older people
- Co-creation (with older people) of learning and knowing about ageing

School of Nursing, Midwifery & Indigenous Health, Wagga Wagga

Email: [mabernoth@csu.edu.au](mailto:mabernoth@csu.edu.au)

## Dr Rui Bi

Social researcher

### Research Interests

- Regional entrepreneurship
- Strategic management
- Innovation
- Sustainability

School of Management and Marketing, Albury

Email: [rbi@csu.edu.au](mailto:rbi@csu.edu.au)

## Dr Philip Birch

Criminologist

### Research Interests

- Criminology and community justice policy and practice
- Sex and deviancy Studies

Centre for Law & Justice, Port Macquarie

Email: [pbirch@csu.edu.au](mailto:pbirch@csu.edu.au)

## Associate Professor Rosemary Black

Social scientist

### Research Interests

- Social dimensions in natural resource management, protected areas and tourism
- Environmental education, heritage interpretation, tour guiding
- Ecotourism and sustainable tourism
- Sustainability and sustainable behaviours

School of Environmental Sciences, Port Macquarie

Email: [rblack@csu.edu.au](mailto:rblack@csu.edu.au)

## Dr Jennifer Bond

Social scientist

### Research Interests

- Natural resource conflict and political ecology
- Pest management in agriculture
- Gender
- Environmental justice

School of Environmental Sciences, Albury

Email: [jebond@csu.edu.au](mailto:jebond@csu.edu.au)

## Dr Donna Bridges

Sociologist

### Research Interests

- Military sociology – women's integration into defence forces and gender relations in the ADF
- Gender – peace and security
- Gender and work – non-traditional work occupations

School of Humanities and Social Sciences, Bathurst

Email: [dbridges@csu.edu.au](mailto:dbridges@csu.edu.au)

## Professor Oliver Burmeister

Social technologies researcher

### Research Interests

- Improving quality of life through social technologies (mostly in areas related to mental health)
- Improving professional practice

School of Computing and Mathematics, Bathurst

Email: [oburmeister@csu.edu.au](mailto:oburmeister@csu.edu.au)

## Dr Belinda Cash

Social Researcher

### Research Interests

- Ageing and informal caregiving
- Mental health and wellbeing
- Health and welfare service provision in rural and regional areas

School of Humanities and Social Sciences

Email: [bcash@csu.edu.au](mailto:bcash@csu.edu.au)

## Dr Arnela Ceric

Human Resource Management researcher

### Research Interests

- Use and impact of online technology in HRM
- Managing people, work and well-being in the Digital Economy

School of Management and Marketing, Bathurst

Email: [aceric@csu.edu.au](mailto:aceric@csu.edu.au)

## Dr Emma Colvin

Criminologist

### Research Interests

- Social justice, postcode justice
- State care and criminalisation
- Bail, court processes and procedures, access to justice, prisons and remand imprisonment
- Therapeutic jurisprudence and 'problem' solving initiatives
- Family and domestic violence

Centre for Law and Justice, Bathurst

Email: [ecolvin@csu.edu.au](mailto:ecolvin@csu.edu.au)

## Dr John Conallin

Freshwater Fish Researcher

### Research Interests

- Fisheries ecology and research
- Social-ecological systems and approaches
- Adaptive Management and Monitoring and Evaluation
- Environmental flows
- Novel ecosystems - Agro-ecosystems

Institute for Land, Water and Society, Albury

Email: [jconallin@csu.edu.au](mailto:jconallin@csu.edu.au)

## Dr Richard Crabbe

Spatial Scientist

### Research Interests

- Vegetation (pasture and forest) biomass modelling
- Land surface phenology
- Precision Agriculture
- Carbon flux measurement
- Machine learning in spatial science

School of Environmental Sciences, Albury

Email: [rcrabbe@csu.edu.au](mailto:rcrabbe@csu.edu.au)

## Dr Andrea Crampton

Molecular parasitologist

### Research Interests

- Water quality
- Microbiology and parasitology
- Science communication
- Health and environmental literacy

School of Biomedical Sciences, Wagga Wagga

Email: [acrampton@csu.edu.au](mailto:acrampton@csu.edu.au)

## Dr Richard Culas

Agricultural economist

### Research Interests

- Agricultural, environmental and development economics
- Developmental economics

School of Agricultural and Wine Sciences, Orange

Email: [rculas@csu.edu.au](mailto:rculas@csu.edu.au)

## Professor Rylee A. Dionigi

Social scientist

### Research Interests

- Socio-cultural and socio-psychological dimensions of ageing, sport and physical activity in Western societies
- Healthy ageing and leisure in later life
- Critiquing health promotion trajectories

School of Exercise Science, Sport and Health, Port Macquarie

Email: [rdionigi@csu.edu.au](mailto:rdionigi@csu.edu.au)

## Dr Katie Doyle

Ecologist - fisheries

### Research Interests

- Freshwater fisheries
- Fish biology and Fisheries science
- Riverine ecology

Institute for Land, Water and Society, Albury

Email: [kdoyle@csu.edu.au](mailto:kdoyle@csu.edu.au)

## Dr James Farley

Photographer

### Research Interests

- Photographic integration of creative practice and ecological thinking into life, work, art and community
- aesthetic traditions of Colonialism, Patriarchy and Capitalism
- Western dualistic thinking and the aesthetics of the Anthropocene

Scholl of Communication and Creative Industries

Email: [jfarley@csu.edu.au](mailto:jfarley@csu.edu.au)



## Associate Professor Raf Freire

Ethologist

### Research Interests

- Impact of anthropogenic factors on animal behaviour and welfare
- Complex decision making in animals
- Animal cognition

School of Animal and Veterinary Sciences, Albury

Email: [rfreire@csu.edu.au](mailto:rfreire@csu.edu.au)

## Dr Jenni Greig

Social scientist

### Research Interests

- Social science research methodology
- Social impact assessment
- Regional communities
- Public and private decision-making

Faculty of Business, Justice and Behavioural Sciences, Bathurst

Email: [jgreig@csu.edu.au](mailto:jgreig@csu.edu.au)

## Associate Professor Andrew Hall

Spatial scientist

### Research Interests

- Landscape phenology, habitat occupancy and remote sensing image analysis
- Novel GIS techniques
- Climatology
- Climate change and variability

School of Environmental Sciences, Albury

Email: [ahall@csu.edu.au](mailto:ahall@csu.edu.au)

## Professor John Hicks

Economist

### Research Interests

- Labour economics
- Regional economics
- Emergency Management

School of Accounting and Finance, Bathurst

Email: [jhicks@csu.edu.au](mailto:jhicks@csu.edu.au)

## Dr Travis Holland

Communication researcher

### Research Interests

- Local government
- Media as it relates to place and space
- Fan communities

School of Communications & Creative Industries, Bathurst

Email: [tholland@csu.edu.au](mailto:tholland@csu.edu.au)

## Dr Ana Horta

Spatial scientist

### Research Interests

- Geospatial data analysis for environmental and health applications including data mining & data integration
- Geostatistical modelling algorithms and uncertainty assessment

School of Environmental Sciences, Albury

Email: [ahorta@csu.edu.au](mailto:ahorta@csu.edu.au)

## Associate Professor Xiaodi Huang

Computer scientist

### Research Interests

- Data Analysis
- Visualization
- Computer Applications in Environments

School of Computing and Mathematics, Albury

Email: [xhuang@csu.edu.au](mailto:xhuang@csu.edu.au)

## Associate Professor Paul Humphries

River and fish ecologist

### Research Interests

- Relationships between riverine biota and flow
- Historical ecology, especially in the Murray-Darling Basin
- Spawning and early life history
- Dispersal of the young stages of fish and shrimps in rivers

School of Environmental Sciences, Albury

Email: [pumphries@csu.edu.au](mailto:pumphries@csu.edu.au)

## Associate Professor Valerie Ingham

Social scientist

### Research Interests

- Fire services, emergency management and community recovery
- Time-pressured decision making
- Shared responsibility and community resilience
- Perceptions of risk and resilience in Bangladeshi and Australian communities

Australian Graduate School of Policing and Security, Bathurst

Email: [vingham@csu.edu.au](mailto:vingham@csu.edu.au)

## Dr Mir Rabiul Islam

Environmental social scientist

### Research Interests

- Community resilience and recovery from disasters
- Social networks, social capital and community development
- Climate justice and human rights
- Racism and inter-ethnic relations in multicultural societies
- Age discrimination, positive ageing and social engagements
- Social and community aspects of disability
- Public perceptions of police behaviour towards the vulnerable groups

School of Psychology, Bathurst

Email: [rislam@csu.edu.au](mailto:rislam@csu.edu.au)

## Dr Stacey Jenkins

Social Researcher

### Research Interests

- Work-life balance and employee wellness
- Employability, diversity, inclusion and equality
- Measuring and evaluating the impact of human capital initiatives
- Regional growth and development in Australia

School of Management and Marketing, Wagga Wagga

Email: [sjenkins@csu.edu.au](mailto:sjenkins@csu.edu.au)

## Dr Mobushir (Moby) Khan

Applied Remote Sensing & GIS Specialist

### Research Interests

- Food Security
- Agriculture mapping and monitoring
- Groundwater and surface water hydrology
- Mobile and web-based decision tools
- Cattle disease (hotspot)

School of Environmental Sciences, Albury

Email: [mobkhan@csu.edu.au](mailto:mobkhan@csu.edu.au)

## Dr Jodie Kleinschafer

Consumer behaviour researcher

### Research Interests

- Consumer behaviour
- Social and not-for-profit marketing
- National Disability Insurance Scheme: Transition in Western NSW region
- Household energy efficiency
- Regional Australia

School of Management and Marketing, Bathurst

Email: [jkleinschafer@csu.edu.au](mailto:jkleinschafer@csu.edu.au)

## Dr Alexandra Knight

Interdisciplinary researcher and frog ecologist

### Research Interests

- Evaluating environmental knowledge exchange
- Community biodiversity survey and capacity building
- Frog ecology
- Linking environmental research with action

School of Environmental Sciences, Port Macquarie

Email: [aknight@csu.edu.au](mailto:aknight@csu.edu.au)

## Associate Professor Branka Krivokapic-Skoko

Economist and economic sociologist

### Research Interests

- Entrepreneurship
- Rural development
- Rural social science
- Rural demographic changes
- Research methods

School of Management and Marketing, Bathurst

Email: [bkrivokapic@csu.edu.au](mailto:bkrivokapic@csu.edu.au)

## Dr Cliff Lewis

Tourism Development Researcher

### Research Interests

- Regional tourism strategy
- Destination management
- Milenial decison making

School of Management and Marketing, Bathurst

Email: [cllewis@csu.edu.au](mailto:cllewis@csu.edu.au)

## Dr Zhenquan Li (Jan)

Modelling and simulation, computational scientist

### Research Interests

- Modelling and simulation
- Computational methods for fluid flow
- Applications of computational methods in practice

School of Computing and Mathematics, Albury

Email: [jali@csu.edu.au](mailto:jali@csu.edu.au)

## Dr Miao Li

Engineer

### Research Interests

- Wastewater treatment
- Computational fluid dynamics
- Non-linear structural dynamics
- Computational mechanics and numerical modelling

School of Engineering, Bathurst

Email: [mli@csu.edu.au](mailto:mli@csu.edu.au)

## Dr Xiaoying Liu (Sha sha)

Environmental scientist

### Research Interests

- Environmental biogeochemistry of freshwater ecosystems
- Transdisciplinary research on inland aquatic ecosystems
- Conservation and management of inland aquatic environments

Institute for Land, Water and Society, Albury

Email: [xiliu@csu.edu.au](mailto:xiliu@csu.edu.au)

## Dr Jessie Lymn

Information studies researcher

### Research Interests

- Regional collections (in galleries, libraries, archives and museums)
- LGBTIQ studies (with a regional focus)
- Archives
- Community activism

School of Information Studies, Wagga Wagga

Email: [jlymn@csu.edu.au](mailto:jlymn@csu.edu.au)

## Dr Reza Mahinroosta

Engineer (Geotechnical)

### Research Interests

- Numerical and experimental modelling of soil and water interaction
- Soil remediation and modelling soil contamination
- Analysis and monitoring of dams, soil and rock mass stability
- Seismic analysis of geo-structures

School of Engineering, Bathurst

Email: [rmahinroosta@csu.edu.au](mailto:rmahinroosta@csu.edu.au)

## Dr Andrew Manning

Social scientist

### Research Interests

- Public policy and government
- Policy making processes
- Regional development and regional studies

School of Humanities and Social Sciences, Albury

Email: [amanning@csu.edu.au](mailto:amanning@csu.edu.au)

## Professor Frank Marino

Exercise Physiology and Human Health Researcher

### Research Interests

- Thermoregulation during exercise in both health and disease
- The relationship between hydration and human performance in health and disease states
- The evolutionary biology of human endurance and thirst

School of Exercise Science, Sport and Health, Bathurst

Email: [fmario@csu.edu.au](mailto:fmario@csu.edu.au)

## Dr Melanie Massaro

Evolutionary and behavioural ecologist and ornithologist

### Research Interests

- Management of endangered bird species
- Reintroduction biology
- Conservation genetics
- Conservation physiology
- Quantifying threats of invasive species and diseases to native fauna

School of Environmental Sciences, Albury

Email: [mmassaro@csu.edu.au](mailto:mmassaro@csu.edu.au)

## Dr Helen Masterman-Smith

Sociologist

### Research Interests

- Environmental justice
- Sustainable community development
- Human-animal relations
- Sustainable livelihoods
- Community-embedded research

School of Humanities and Social Sciences, Albury

Email: [hmasterman-smith@csu.edu.au](mailto:hmasterman-smith@csu.edu.au)

## Dr Nicole McCasker

Riverine ecologist

### Research Interests

- River and floodplain ecology
- Functional role of freshwater mussels
- Early life history of freshwater fish

Institute for Land, Water and Society, Albury

Email: [nmccasker@csu.edu.au](mailto:nmccasker@csu.edu.au)

## Associate Professor Dianne McGrath

Social accountant

### Research Interests

- Social and environmental accounting
- Professional accounting education in regions

School of Accounting and Finance, Albury

Email: [dmcgrath@csu.edu.au](mailto:dmcgrath@csu.edu.au)

## Dr Damian Michael

Ecologist

### Research Interests

- Wildlife conservation in agricultural landscapes
- Applied herpetology
- Rocky outcrop (inselberg) ecology
- Restoration ecology and adaptive management

Institute for Land, Water and Society, Albury

Email: [dmichael@csu.edu.au](mailto:dmichael@csu.edu.au)

## Dr Joanne Millar

Social scientist

### Research Interests

- Livelihood and environmental impacts of international development projects
- Action research for rural development
- Property rights and conservation
- Cultural management of natural resources

Institute for Land, Water and Society, Albury

Email: [jmillar@csu.edu.au](mailto:jmillar@csu.edu.au)



## **Dr Michael Mitchell**

Social researcher

### **Research Interests**

- Participatory/ transdisciplinary research and social learning
- Resilience and social ecological systems analysis
- Social dimensions of environmental management
- Governance and NRM
- Sustainability

Institute for Land, Water and Society, Albury

Email: [mimitchell@csu.edu.au](mailto:mimitchell@csu.edu.au)

## **Associate Professor Susan Mlcek**

Social researcher

### **Research Interests**

- Auto-ethnography
- Community eco-development
- Indigenous philosophy, knowledges, theories and research methods
- Critical whiteness studies

School of Humanities and Social Sciences, Bathurst

Email: [smlcek@csu.edu.au](mailto:smlcek@csu.edu.au)

## **Professor Mark Morrison**

Environmental economist

### **Research Interests**

- Non-market valuation
- Technology adoption
- Market-based instruments
- Indigenous entrepreneurship
- Climate change communications
- Human Resource Management

School of Management and Marketing, Bathurst

Email: [mmorrison@csu.edu.au](mailto:mmorrison@csu.edu.au)

## Dr Tahmid Nayeem

Communication and consumer psychology researcher

### Research Interests

- Cross-cultural consumer behaviour studies
- Social marketing
- Marketing strategy
- Knowledge management
- Community engagement

School of Management and Marketing, Albury

Email: [tnayeem@csu.edu.au](mailto:tnayeem@csu.edu.au)

## Associate Professor Dale Nimmo

Conservation biologist and ecologist

### Research Interests

- Managing landscapes to minimise the effects on biodiversity of large-scale disturbances, such as fire, climatic extremes, and habitat fragmentation

School of Environmental Sciences, Albury

Email: [dnimmo@csu.edu.au](mailto:dnimmo@csu.edu.au)

## Dr Nathan Ning

Aquatic ecologist

### Research Interests

- River and wetland ecology
- Relationships between riverine biota and flow
- Zooplankton dynamics

Institute for Land, Water and Society, Albury

Email: [nning@csu.edu.au](mailto:nning@csu.edu.au)

## Associate Professor Dominic O'Sullivan

Political scientist

### Research Interests

- Comparative indigenous politics
- Public policy

School of Humanities and Social Sciences, Canberra

Email: [dosullivan@csu.edu.au](mailto:dosullivan@csu.edu.au)

## **Professor Kevin Parton**

Agricultural economist

### **Research Interests**

- Climate change policy
- Valuing seasonal climate forecasts
- Development economics

School of Management and Marketing, Orange

Email: [kparton@csu.edu.au](mailto:kparton@csu.edu.au)

## **Professor Manohar Pawar**

Social scientist

### **Research Interests**

- International social work and social development
- Sustainable Development Goals, social policy and social aspects of climate change and water
- NGOs and community development
- Informal care and ageing
- Virtues and social work practice

School of Humanities and Social Sciences, off-campus

Email: [mpawar@csu.edu.au](mailto:mpawar@csu.edu.au)

## **Dr Nicholas Pawsey**

Accountant

### **Research Interests**

- Water pricing
- Efficiency of water service delivery
- Water business performance measurement
- Consumer engagement by water businesses

School of Accounting and Finance, Albury

Email: [npawsey@csu.edu.au](mailto:npawsey@csu.edu.au)

## Dr Andrew Peters

Wildlife health scientist

### Research Interests

- Clinical pathologies
- Wildlife population health
- Conservation biology and ecology
- Anthropogenic changes to ecosystems
- Natural ecology of infectious protists
- Avian biology and ecology

School of Animal & Veterinary Sciences School of Environmental Sciences,  
Wagga Wagga

Email: [apeters@csu.edu.au](mailto:apeters@csu.edu.au)

## Dr Eileen Petrie

Community wellness researcher

### Research Interests

- Community wellness/health
- Mental health
- Fishing
- Farming

School of Nursing, Midwifery & Indigenous Health, Wagga Wagga

Email: [epetrie@csu.edu.au](mailto:epetrie@csu.edu.au)

## Dr Karthika Pillai

Water/Coastal Engineer

### Research Interests

- Coastal Engineering and Management
- Water resources engineering
- Construction Engineering
- Wave structure interaction
- Climate change

School of Engineering, Bathurst

Email: [kkrishnapillai@csu.edu.au](mailto:kkrishnapillai@csu.edu.au)

## Dr Jodi Price

Plant community ecologist

### Research Interests

- Disturbance and management of vegetation communities

School of Environmental Sciences, Albury

Email: [joprice@csu.edu.au](mailto:joprice@csu.edu.au)

## Dr John Rafferty

Environmentalist

### Research Interests

- Environmental justice
- Sustainable community development
- Education for sustainability

School of Environmental Sciences, Albury

Email: [jrafferty@csu.edu.au](mailto:jrafferty@csu.edu.au)

## Dr Angela T. Ragusa

Sociologist

### Research Interests

- Environmental sociology
- Health, well-being, culture and lifestyle
- Media, communication & science/technology studies
- Social inequality

School of Humanities and Social Sciences, Albury

Email: [aragusa@csu.edu.au](mailto:aragusa@csu.edu.au)

## Dr Azizur Rahman

Statistician and Data Scientist

### Research Interests

- Bayesian inference, multilevel modelling and big-data analysis
- Model validation with uncertainty or reliability estimates
- Socioeconomic, demographic and health research
- Spatial analysis and small area estimation
- Statistics, data mining and deep learning

School of Computing and Mathematics, Wagga Wagga

Email: [azrahman@csu.edu.au](mailto:azrahman@csu.edu.au)

## Dr Sarah Redshaw

Social Researcher

### Research Interests

- Community resilience and community organisations
- Social capital and support networks- bonding, bridging and linking capital
- Mobilities and cultural practices
- Qualitative research

Faculty of Arts and Education, Bathurst

Email: [sredshaw@csu.edu.au](mailto:sredshaw@csu.edu.au)

## Professor Russell Roberts

Sociologist

### Research Interests

- Rural models of health service delivery
- Primary mental health care
- Public ethics

School of Marketing and Management, Bathurst,

Email: [roberts@csu.edu.au](mailto:roberts@csu.edu.au)

## Dr Wayne Robinson

Wildlife ecologist

### Research Interests

- Fish passage
- Invasive ants
- Alpine mammals' diets
- Monitoring design
- River health

Institute for Land, Water and Society, Albury

Email: [wrobinson@csu.edu.au](mailto:wrobinson@csu.edu.au)

## Dr Emma Rush

Ethicist

### Research Interests

- Environmental ethics
- Professional and applied ethics
- Public ethics

School of Humanities and Social Sciences, Wagga Wagga

Email: [erush@csu.edu.au](mailto:erush@csu.edu.au)

## Dr Saeed Shaeri

Water/Coastal Engineer

### Research Interests

- Coastal engineering and management
- Hydro-sedimentological simulation
- Wave dynamics and transport
- Tidal inlets

School of Engineering, Bathurst

Email: [sshaeri@csu.edu.au](mailto:sshaeri@csu.edu.au)

## Dr Lalantha Senevirathna

Engineer

### Research Interests

- Tracer level water pollutants
- Water quality monitoring
- Adsorption
- Disinfection
- Environmental health and public health

School of Engineering, Bathurst

Email: [lsenevirathna@csu.edu.au](mailto:lsenevirathna@csu.edu.au)

## Dr Luiz Silva

Freshwater fisheries scientist

### Research Interests

- Impact of water infrastructure on fish
- Fish passages and fish migration
- Non-invasive methods for fish surveys

Institute for Land, Water and Society

Email: [lsilva@csu.edu.au](mailto:lsilva@csu.edu.au)

## Associate Professor Peter Simmons

Communication researcher

### Research Interests

- Analysis of social media to interpret community sentiment
- Local government communication
- Communication of fairness and legitimacy
- Human relations with non-human animals
- Organisational communication

School of Communications & Creative Industries, Bathurst

Email: [psimmons@csu.edu.au](mailto:psimmons@csu.edu.au)

## Associate Professor Dirk Spennemann

Heritage futurist

### Research Interests

- Heritage futures
- Relevance/contribution of heritage to communities
- Historic perspective to environmental issues
- Rural vernacular architecture

School of Environmental Sciences, Albury

Email: [dspennemann@csu.edu.au](mailto:dspennemann@csu.edu.au)

## Associate Professor Peter Spooner

Ecologist

### Research Interests

- Biodiversity conservation in rural landscapes
- Disturbance and landscape ecology of woodland ecosystems - grazing management, historical ecology, and fragmentation effects on plants
- Plant invasion processes in road corridors
- Road ecology - roadside vegetation management and Travelling Stock Routes (TSRs)

School of Environmental Sciences, Port Macquarie

Email: [pspooner@csu.edu.au](mailto:pspooner@csu.edu.au)

## Dr Jessica Tout-Lyon

Marine Microbial Ecologist & Socio-Economic Researcher

### Research Interests

- Marine science: microbial ecology and molecular biology
- Environmental science and ecology
- Socio-economic research: modelling of industry sectors, regions and communities
- Community consultation and engagement
- Working alongside Indigenous communities to develop community-led engagement strategies, including program design, development and delivery

School of Environmental Sciences, Port Macquarie

Email: [jetout@csu.edu.au](mailto:jetout@csu.edu.au)



## Dr James Turner

Ecological physiologist

### Research Interests

- Wildlife functional ecology, comparative physiology and conservation
- Torpor, thermal biology and energetic ecology
- Spatial ecology, behaviour and habitat use
- Urbanisation, climate change and environmental influence on small mammal biology

School of Environmental Sciences, Albury

Email: [jaturner@csu.edu.au](mailto:jaturner@csu.edu.au)

## Dr Oliver Villar

Political scientist

### Research Interests

- Political economy
- Critical security studies
- Latin America
- American foreign policy

School of Humanities and Social Sciences, Bathurst

Email: [ovillar@csu.edu.au](mailto:ovillar@csu.edu.au)

## Associate Professor Skye Wassens

Ecologist

### Research Interests

- Aquatic ecology
- Ecology and conservation of wetland dependent amphibians

School of Environmental Sciences, Albury

Email: [swassens@csu.edu.au](mailto:swassens@csu.edu.au)

## Professor David M. Watson

Ecologist

### Research Interests

- Managing biodiversity in agricultural landscapes
- Measuring and predicting the biological effects of habitat fragmentation
- Ecology of parasitic plants

School of Environmental Sciences, Albury

Email: [dwatson@csu.edu.au](mailto:dwatson@csu.edu.au)

## Dr Maggie Watson

Ecologist

### Research Interests

- Parasitology
- Ethology
- Ecology - birds, reptiles, crayfish, urban wildlife
- Eco-immunology

School of Environmental Sciences, Albury

Email: [mawatson@csu.edu.au](mailto:mawatson@csu.edu.au)

## Professor Robyn Watts

Aquatic ecologist

### Research Interests

- Ecology, restoration and management of river and floodplain environments
- Socio-ecological systems
- Ecohydrology
- Adaptive environmental management

School of Environmental Sciences, Albury

Email: [rwatts@csu.edu.au](mailto:rwatts@csu.edu.au)

## Associate Professor Rachel Whitsed

Spatial scientist

### Research Interests

- Spatial environmental modelling
- Spatial health modelling
- Spatial social modelling
- Spatial modelling algorithms
- Uncertainty in spatial modelling

School of Environmental Sciences, Albury

Email: [rwhitsed@csu.edu.au](mailto:rwhitsed@csu.edu.au)

## Dr Simon Wright

Researcher of Sustainability and Strategy

### Research Interests

- Sustainability transitions
- Renewable energy
- Environmental innovation
- Corporate sustainability
- Circular economy
- Role of governments

School of Marketing and Management, Bathurst

Email: [siwright@csu.edu.au](mailto:siwright@csu.edu.au)

## Dr Lihong Zheng

Computer Scientist

### Research Interests

- Machine learning
- Pattern recognition & artificial intelligence
- Computer vision & data mining
- Wireless sensor networks & motion and sensing systems

School of Computing and Mathematics, Wagga Wagga

Email: [lzheng@csu.edu.au](mailto:lzheng@csu.edu.au)





*research for a sustainable future*

**Institute for Land, Water and Society**

PO Box 789  
Elizabeth Mitchell Drive  
Albury NSW 2640  
Australia

Tel: +61 2 6051 9992

Fax: +61 2 6051 9992

Email: [ilws@csu.edu.au](mailto:ilws@csu.edu.au)

[www.csu.edu.au/research/ilws](http://www.csu.edu.au/research/ilws)

