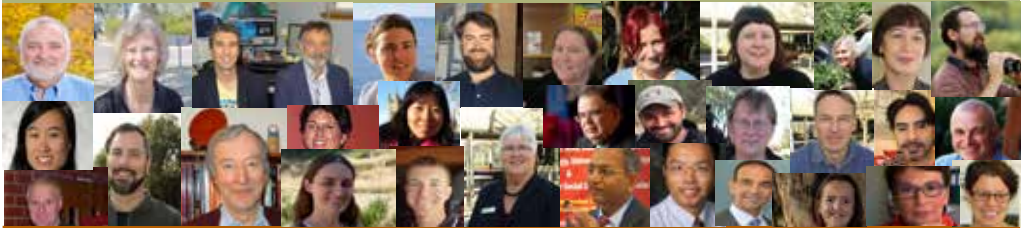




Institute for Land,
Water and Society
Charles Sturt University

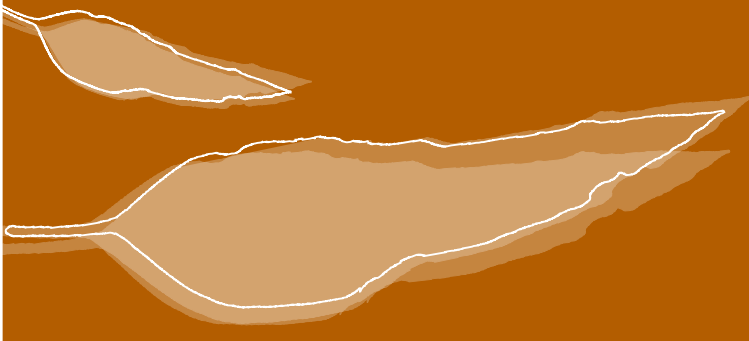


research for a sustainable future



Institute for Land, Water and Society

MEMBERS' DIRECTORY
2017



Members of the Institute for Land, Water and Society 2017

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

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

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

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

Dr 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

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

Dr Rui Bi

Social researcher

Research Interests

- Regional entrepreneurship
- Strategic management
- Innovation
- Sustainability

School of Management and Marketing, Albury

Email: 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

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

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

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

Associate 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

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Dr Damian Candusso

Immersive media producer and sound designer

Research Interests

- Film and sound
- Acoustic ecology
- Virtual reality
- Immersive media

School of Communications and Creative Industries, Wagga Wagga

Email: dcandusso@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

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

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Dr Andrea Crampton

Molecular parasitologist

Research Interests

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

School of Biomedical Sciences, Wagga Wagga

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Dr Richard Culas

Agricultural economist

Research Interests

- Agricultural, environmental and development economics
- Developmental economics

School of Agricultural and Wine Sciences, Orange

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Professor Steve D'Alessandro

Marketing and consumer behaviour researcher

Research Interests

- Consumer behaviour, social marketing and health
- Regional development
- Cyber security

School of Marketing and Management, Bathurst

Email: sdalessandro@csu.edu.au

Associate 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

Dr Sophia Duan

Social scientist

Research Interests

- Electronic markets
- Innovation adoption in SMEs
- Efficiency and productivity analysis
- Multi-criteria decision analysis

School of Marketing and Management, Albury

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Professor Max Finlayson

Institute Director, Wetland ecologist

Research Interests

- Human well-being and wetland health
- Vulnerability and adaptation of wetlands/rivers to climate change
- Wetland restoration and management
- Wetland ecosystem services

Institute for Land, Water and Society, Albury

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Associate Professor Alison Gerard

Criminologist, socio-legal scholar

Research Interests

- Securitisation of migration
- Criminalisation of young people in out-of-home care
- Deaths in custody
- Indigenous cultural competence in law curriculum

Centre for Law and Justice, Bathurst

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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

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Dr 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

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Dr Geoff Heard

Applied spatial ecologist

Research Interests

- Spatial ecology of wildlife in fragmented landscapes
- Conservation decision making
- Wildlife monitoring
- Evaluating conservation programs

School of Environmental Sciences, Albury

Email: gheard@csu.edu.au

Professor John Hicks

Economist

Research Interests

- Labour economics
- Regional economics
- Emergency Management

School of Accounting and Finance, Bathurst

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Associate Professor Vaughan Higgins

Rural sociologist

Research Interests

- Agri-environmental governance
- Biosecurity
- Food security

School of Humanities and Social Sciences, Albury

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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

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

Dr Jonathon Howard

Environmental sociologist

Research Interests

- Sustainability
- Social dimensions of achieving sustainable water use including the implications of water resource management and planning

School of Environmental Sciences, Albury

Email: jhoward@csu.edu.au

Dr Julia Howitt

Environmental chemist

Research Interests

- Cycling of carbon, nutrients and trace metals in aquatic environments
- Environmental water use
- Biogeochemistry, pollution, analytical chemistry including trace analysis, workplace chemical contamination

School of Agricultural and Wine Sciences, Wagga Wagga

Email: jhowitt@csu.edu.au

Dr Xiaodi Huang

Computer scientist

Research Interests

- Data Analysis
- Visualization
- Computer Applications in Environments

School of Computing and Mathematics, Albury

Email: xhuang@csu.edu.au

Dr 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: phumphries@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

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

Dr Kim Jenkins

Freshwater ecologist

Research Interests

- Flow ecology relationships
- Microinvertebrate ecology and management within regulated wetland systems
- Environmental watering and ecological monitoring
- Food web ecology

Institute for Land, Water and Society, Albury

Email: kjenkins@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

Dr Alexandra Knight

Interdisciplinary researcher and frog ecologist

Research Interests

- Ecology of winter-breeding frogs
- Conservation of frogs, including terrestrial and underground habitats, on private land
- Mobilisation and implementation of new environmental knowledge
- Transdisciplinary environmental research and community engagement
- Engagement and empowerment of local and indigenous people in biodiversity management

School of Environmental Sciences, Albury

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Dr R. Keller Kopf

Fish ecologist

Research Interests

- Aquatic ecology
- Environmental management
- Conservation biology
- Fish biology and Fisheries science

Institute for Land, Water and Society, Albury

Email: rkopf@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

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

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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

Dr Ying-Hsang Liu

Information scientist

Research Interests

- Interactive information retrieval, organisation of information and human information behaviour
- Theories of human concept formation and their implications for information access
- Design and evaluation of information retrieval systems

School of Information Studies, Canberra

Email: yingliu@csu.edu.au

Dr Jessie Lynn

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

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

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

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

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

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

Dr Kath McFarlane

Lawyer and researcher on criminal justice and out-of-home care

Research Interests

- Intersection between out-of-home care (OOHC) and criminal justice
- Juvenile justice, prisons, criminal justice system
- Human rights, Indigenous issues, social justice

Centre for Law and Justice, Bathurst

Email: kmcfarlane@csu.edu.au

Dr Dianne McGrath

Social accountant

Research Interests

- Social and environmental accounting
- Professional accounting education in regions

School of Accounting and Finance, Albury

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Dr Michael Mehmet

Social media communication and marketing researcher

Research Interests

- Social media communication
- Human-animal co-existence
- Attitudes and values in social media

School of Management and Marketing, Bathurst

Email: mmehmet@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

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

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

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

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

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

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

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

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

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

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

Dr Jodi Price

Plant community ecologist

Research Interests

- Disturbance and management of vegetation communities

School of Environmental Sciences, Albury

Email: 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

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

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

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

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

Professor Linda Shields

Nurse researcher

Research Interests

- Health in rural/remote areas
- Care of children in health services
- History and Holocaust studies

Faculty of Science, Bathurst

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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

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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

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

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, Albury

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Dr Karma Tenzing

Social scientist

Research Interests

- Rangeland management
- Property rights
- Rural livelihoods

Institute for Land, Water and Society, Albury

Email: ktenzing@csu.edu.au

Dr Kim M. Thompson

Social researcher

Research Interests

- Information poverty issues on an international scale
- Physical, intellectual, and socio-cultural supports for, and barriers to, information access and digital inclusion

School of Information Studies, Wagga Wagga

Email: kithompson@csu.edu.au

Dr Rik Thwaites

Social scientist

Research Interests

- Human aspects of environmental management and conservation
- Australian indigenous culture and resource management

School of Environmental Sciences, Albury

Email: rthwaites@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

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Dr James Van Dyke

Ecologist

Research Interests

- Ecology
- Evolution
- Conservation of terrestrial and freshwater vertebrates

School of Environmental Sciences, Albury

Email: jvandyke@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

Dr Wes Ward

Social researcher

Research Interests

- Problems in agricultural and natural resource management
- Complex group and organisational communication
- Adapting technologically-mediated communication for intercultural relations
- Improving communication by scientists

Office of the Vice-Chancellor, Albury

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Associate Professor Skye Wassens

Ecologist

Research Interests

- Aquatic ecology
- Ecology and conservation of wetland dependent amphibians

School of Environmental Sciences, Albury

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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

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Dr Maggie Watson

Ecologist

Research Interests

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

School of Environmental Sciences, Albury

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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

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Dr 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

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Dr Ben Wolfenden

Aquatic ecologist

Research Interests

- Ecosystem function and biogeochemistry of river and wetland ecosystems
- Adaptive management of environmental water
- Ecohydrology

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Associate Professor Margaret Woodward

Creative designer/educator

Research Interests

- Connection of researchers in key fields of design, heritage interpretation, geography, tourism and agriculture
- Publishing as art practice
- Cultural iconography through investigating designed artefacts such as tourist ephemera, souvenirs and heritage interpretation centres

School of Communications & Creative Industries, off-campus

Email: mwoodward@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

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research for a sustainable future

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