



Qualifications

Doctor of Philosophy

Graduate Diploma of Education
(Adult & Tertiary)

Bachelor of Science with
Honours (Physics)

Bachelor of Science (Chemistry
and Physics)

Awards

Inaugural winner - Leadership
in Infrastructure Sustainability
Award 2014

Winner – 40under40 Awards,
WA Business News 2011

Professional Memberships

Infrastructure Sustainability
Council Accredited Professional

Green Star Accredited
Professional

Fellow, Australian Institute of
Management

Member, Environmental
Institute of Australian and New
Zealand

Environmental Consultants
Association of WA

Australian Science
Communicators

Personal Details

0414 360 286

Kat@cmdrkat.com.au



Profile

Kat is one of Australia's leading strategic sustainability advisors having worked with governments and delivery partners to plan and deliver major infrastructure projects across Australia, including those which form part of METRONET, Main Roads WA Major Projects, and the Westport Program.

As one of Australia's most experienced infrastructure sustainability professionals, Kat has been a member of the Infrastructure Sustainability Council's (ISC) independent third-party verification panel since inception of the Infrastructure Sustainability Rating Scheme in 2012. In addition to providing verification services, Kat also provides development and delivery of training on behalf of ISC as part of their accreditation and continuing professional development offerings. Her expertise in this area was rewarded in 2014, being named as the Inaugural winner of the Leadership in Infrastructure Sustainability Award.

Nationally, Kat has been a trusted sustainability advisor or reviewer on projects which form part of the Inland Rail, North East Link and Victoria's Level Crossing Removal programs. She also worked with the ACT Government to develop their strategy for a carbon neutral transport sector.

Her specialisation in infrastructure sustainability is built upon Kat's almost 30 years' experience across a diverse range of technical expertise in energy and resource efficiency, climate change adaptation, stakeholder engagement and communications.

She is also a member of the national judging panel for Diversity and Inclusion category of the National Banksia Awards, as well as serving on judging panels for the Australian Packaging Covenant Organisation and the NSW State Awards. She is also a member of the Environmental Institute of Australia and New Zealand's (EIANZ) Qualifications Accreditation Scheme.

Beyond the formal education sector, where Kat is a Senior Lecturer in the School of Science at ECU, she has implemented and delivered a wide range of professional development training including specialist areas in renewable energy, environment, and sustainability areas as well as general skills training in project management, ISO environmental management systems and communications.

As an experienced stakeholder and community engagement specialist, she regularly facilitates workshops, idea's café's, multi-criteria analysis and panel discussions. Under the nom de plume of *Commander Kat*, she regularly appears on radio station RTRFM as the specialist science communicator.

Infrastructure Sustainability

As one of Australia's most experienced practitioners, Kat's experiences in the practical application and management of sustainability in infrastructure projects is extensive. She has also worked with ISC to develop and deliver public and in house Accredited Professional training since 2012 across version v1.0 through to the new v2.1 version of the scheme. Her ISC training activities have also included delivering public training face to face and through live delivery online as well as bespoke training programs for asset owners.

- **METRONET Inner Armadale Level Crossing Removal Project** 2023-current
Kat is providing strategic sustainability advice to the Alliance delivering the work and leading the Green Star rating submissions for Cannington and Beckenham Stations as well as sustainability assessments for 3 smaller stations. She is also leading the As Built Infrastructure Sustainability rating for the project as a whole.
- **Infrastructure Sustainability Council's Independent Verifier Panel Member** 2011- current
Kat is a member of ISC's national verification panel and led more than 50 verifications across Australia and NZ since the scheme was piloted in addition to working on projects which have recently been certified. Kat's verification activities have spanned a range of infrastructure sectors, including transport and water sectors.
- **Westport – Sustainability Lead** 2021 – 2023
Kat's work included the establishment and implementation of an ESG Strategy and early works associated with the planning of Infrastructure Sustainability Ratings to be delivered under the Westport program of works.
- **METRONET New Midland Station – Strategic Sustainability Adviser** 2022
Kat provided strategic sustainability advice during the detailed design phase of the station at Cale Street. The work builds on her earlier involvement in the planning phase for the station, the Bellevue extension and as part of one of teams tendering on the New Midland Station.
- **ISC Technical Advisory Panel**, 2019- 2022
Kat was the Deputy Chair if ISC's Technical Advisory Panel. Her role includes providing technical advice associated with the credit requirements, clarifications and innovation challenges and representing the TAP at ISC's Leadership Capability Committee of the Board.
- **METRONET Bayswater Station and Turnback Project – Sustainability Manager** 2019-2021
Kat was the sustainability lead, providing the advisory services during the first two years of the Bayswater Station project.
- **Inland Rail –North Star NSW to Kagaru QLD – Sustainability Lead** 2017 - 2019
Kat led the delivery of the planning phase sustainability considerations associated with the pre-feasibility, planning and approvals documentation of five projects which will form part of the Inland Rail Program v1.2 IS rating.
- **Westport Taskforce – Sustainability Reviewer**, 2019
Review of the implementation of the IS Planning Rating on the problem Options Identification stage of the Westport: Port and Environs Strategy.
- **Decmil - Reid Highway Duplication – Sustainability Lead**, 2019, 2021
Kat provided sustainability advice to the design phase of Reid Highway Altone Road to West Swan project. Her work has included upskilling the Decmil and Design teams to deliver a self-assessed rating.
- **DevelopmentWA - Ocean Reef Marina – Sustainability Lead** 2018 - 2021
Kat worked collaboratively with the state land development agency during the planning phase for a proposed mixed-use marina precinct within a marine park which investigated the v2.0 Planning Phase rating to assess its sustainability performance across the 40 year planning life of the project.
- **Main Roads WA – Sustainability Lead** Multiple Major Projects in Development and Delivery, 2020 – 2021
Kat provided going advisory services to Main Roads as part of the planning and delivery of Main Roads major projects. Her work included leading the integration of sustainability throughout the phase and supporting activities including options assessments.
- **METRONET Forrestfield Airport Link – Technical Advisor**, 2018
Kat provided ad hoc technical advisory services to the Public Transport Authority of Western Australia, including as an independent sustainability auditor for the contractor's sustainability management plan and evaluation of the benefits mapping associated with pursuit of a rating for the asset owner.
- **North East Link Technical Advisor** 2017-2018
Kat provided strategic sustainability advice as part of the AECOM-GHD Joint Venture. Her work included undertaking an assessment of the Version 2.0 credits for proposed major road project.
- **Level Crossings Removal Authority Technical Advisor** 2016-2018
Strategic sustainability advice as part of the AECOM-GHD Joint Venture. Her work included assisting the Mernda rail team identify the Base Case and to provide advice in relation to the program transitioning to IS version 1.2.

- **West Gate Tunnel – Expert Reviewer 2017**
Kat was the lead internal reviewer for the IS aligned carbon footprint for a major road and tunnel project during the Environmental Effect Statement and the tender evaluation phase of the WGT Project.
- **NorthLink WA: Central Section – Sustainability Lead 2015-2018**
Kat was the Design Team Sustainability Lead and had responsibility for delivering the key credits in Energy and Carbon, Climate Change, Water associated with the IS Design rating for the project.
- **Adelaide Airport Operations Rating – Strategic Advisor 2018**
Kat provided strategic IS rating advice to AECOM's Adelaide team and Adelaide Airport in relation to their involvement in piloting the v1.2 Operations rating.
- **Confidential Client– Technical Advisor 2017-2018**
Kat provided technical and contractual advice to a client during negotiations with the Commonwealth in relation to the potential sustainability requirements for Western Sydney Airport. This advice has included advisory services associated with contractual sustainability requirements and strategies to minimize risks associated with these requirements
- **Northern Beaches Road Hospital Upgrade – Strategic Advisor 2016- 2017**
Kat was peer reviewer and strategic advice associated with the Design phase of the road and network upgrade in NSW.
- **Matagarup Bridge – Sustainability Auditor 2016**
Kat led the Sustainability Audit for the construction phase of the Matagarup Bridge as part of its self-assessment against the IS rating scheme.
- **South Metro Connect: Roe Highway Extension – Sustainability Manager 2010-2012; 2016**
Katrina led the Sustainability and Innovation services to planning alliance for the Roe Hwy Extension, including development of Sustainability Framework and identification of innovation opportunities aligned to the then proposed AGIC rating scheme (not IS rating scheme) as well as for the preparation of Environmental Handover Documentation and IS Rating Scheme Preliminary Evidence Report for the client to provide in RFP documentation.
- **Queanbeyan City Council Sewage Treatment Plant – Strategic Advisor 2015**
Kat provided strategic advisory services to support the operations phase rating for existing STP which will be used to inform the design and operation of a new STP.
- **Auckland Airport New Terminal – Strategic Advisor 2015**
As Strategic Sustainability Advisor, Kat provided strategic advice to the project and sustainability team during the planning phase for the new terminal.
- **METRONET Forrestfield Airport Link Project Development Phase – Sustainability Manager, 2014-2015**
Kat was the Infrastructure Sustainability Manager with responsibility for the embedding of sustainability requirements in the Tender documentation including Scope of Work and Technical Criteria.
- **Auckland's City Rail Link – Strategic Advisor 2015**
Kat provided strategic sustainability advice and peer review to the NZ City Rail Project Her work includes working with the project team to identify the Base Case and to footprints for carbon, water and materials
- **Stadium Station – Sustainability Auditor 2015-2016**
Kat led the Sustainability Review for the Swan Pedestrian bridge which, although not pursuing a formal IS rating has a KPI in relation to the self-assessed performance using the IS rating scheme and is providing Sustainability Advice to the Alliance.
- **Safelinks: Goldfields & Mid-West Hwy Upgrade – Sustainability Manager 2013-2015**
Implementation and management of sustainability support of an IS self-assessment.
- **GatewayWA – Design Sustainability Manager 2012-2014**
Sustainability Manager with responsibility for the implementation of awareness raising and the identification and implementation of sustainability initiatives as part of an incentivised KRA. As part of her role, Kat was responsible for delivering the certified *Excellent* IS Design rating for the project.
- **MAX Perth Light Rail – Sustainability Manager 2013-2014**
Kat led the development of sustainability strategy, position paper and delivery of social impact assessment for the Perth light rail project, Metro Area Xpress (MAX). Kat was also a member of the JV Advisory Board tasked with undertaking a strategic review of the project development activities being undertaken by the Integrated Delivery Team.
- **Mirraboopa Stage 3 – Sustainability Lead 2013**
Kat developed of an IS Rating strategy to support road and services upgrade for the Mirraboopa Town Square redevelopment, which ultimately did not seek a rating.
- **Access Alliance - Great Northern Highway Upgrade (Muchea to Wubin) – Sustainability Adviser 2008-2010**
Investigation Evaluation of the potential for biochar use in roadside rehabilitation. Also led the review of international approaches the pavement construction and identification of potential low carbon alternatives for Access Alliance.

Carbon Management

Kat has an extensive track record in carbon management and in addition to highlighted projects below, she taught, coordinated, and undertook research in renewable energy and energy efficiency whilst at Murdoch University. She was also the Editor and author of two chapters in *Energy Savings in Cities* produced for local, regional and national government officials with a particular focus on promoting carbon reductions in the operation of local governments and the communities in which they serve.

- **ACT Government – Carbon Neutral Pathway for the ACT’s Transport Sector** 2016-2017
Kat was the technical lead working with the ACT Government to develop a range of strategic options and policy options for reducing carbon emissions from the transportation sector and developing modelling software that could be used to model the potential impact associated with a range of policy options.
- **International Partnership for Monitoring and Measurement Reporting and Verification (MRV) First Asian-Pacific Regional Workshop, Lead Facilitator** 2014
Kat was engaged as the lead facilitator for first Asian Regional Workshop on Monitoring and MRV held in Korea. The workshop involved participants from across the Asian Pacific Region representing countries with reporting obligations under the UNFCCC.
- **Main Roads WA- GatewayWA GHG Emissions Modelling and Inventory Development** 2012-2014
Kat was responsible for the development of a greenhouse gas emission inventory for the project which included modelling construction and operation emissions for the \$1 billion GatewayWA upgrades project. She also completed a projection associated with Scope 3 (road user) emissions.
- **Main Roads WA- Perth Freight Link, GHG Emissions Modelling and Climate Change Risk Assessment** 2010
Kat developed the greenhouse gas emission model for the construction and operation phases of the of the \$600 million Roe Highway road upgrades project, including emissions modelling associated with road users for the no-build and build scenario, work formed part of the greenhouse gas impact assessment for the project.
- **Kimberley LNG Hub (James Price Point) Strategic Environmental Assessment** 2009-2012
Technical Lead for greenhouse gas emissions and climate change assessments as part of the Strategic Assessment. The Western Australian government proposed the development of a liquefied natural gas (LNG) precinct in the Kimberley region of Western Australia. Working with the foundation proponent, Kat led the greenhouse gas impact assessment for the construction and operation phases.
- **Government of Western Australia, State Climate Change Adaptation and Mitigation Strategy, Mitigation Lead** 2009-2011
AECOM was engaged to assist the Government of Western Australia to develop a state climate change adaptation and mitigation strategy. Kat was overall project manager and provided strategic advice to the Office of Climate Change as well as technical and editorial review services during the development of the strategy.
- **Main Roads WA – Access Alliance Biochar Investigation** 2008
Kat led the investigation and evaluation of the potential for biochar use in roadside revegetation and rehabilitation activities and as a potential carbon sequestration project.
- **Main Roads WA – Access Alliance, Consulting Researcher** 2008
Kat undertook a review of international approaches the pavement construction and identification of potential low carbon alternatives for Access Alliance.
- **ResLab Training & Professional Development Project,** 2003-2005
Development and implementation of capacity building programs for community, trade and professional sectors, particularly the sustainable use of energy in off grid regions in WA (Broome, Newman)
- **Energy Efficiency in Aboriginal Communities** 2000
Kat led the stakeholder consultation, training needs analysis and development of energy efficiency program for implementation in indigenous communities in regional and remote WA with UN Centre for Application of Solar Energy

Climate Change

Kat frequently leads or provides peer review on climate change assessments on infrastructure projects aligned to AS5334 *Climate change adaptation for settlements and infrastructure – A risk based approach*. Her project based experience includes Bayswater Station, NorthLink Central Section, Roe Highway Stage 8 and GatewayWA. In addition, Kat has led stand alone projects as part of environmental impact assessments and the development of guidelines for asset owners.

During her time at Murdoch University, Kat also taught in the greenhouse science and policy/climate change science and policy subjects as part of undergraduate and Masters degrees.

- **METRONET Bayswater Station and Turnback Project 2021**
Kat led the climate change and resilience risk assessments for the project, including ensuring alignment to the IS Rating Scheme Res-1 and Res-2 credits.
- **Main Roads WA Revision of Climate Change Guideline, 2019**
Kat led the revision of Main Road's climate change guideline to reflect Infrastructure Sustainability requirements and World Road Council's guidelines.
- **Inland Rail North Star NSW to Kagaru QLD 2017 - 2019**
Kat was co-facilitator of the risk assessment workshops and the peer reviewer for the climate change risk assessments which formed part of the environmental impact assessments for five of the 13 Inland Rail projects.
- **Browse LNG (James Price Point) Strategic Environmental Assessment 2010**
Kat led the climate change studies for the Strategic Environmental Assessment for the liquefied natural gas production facility which proposed to support offshore oil and gas in the Browse Basin off the Kimberley Region of WA.
- **Batavia Adaptation Action Plan 2010**
Local vulnerability assessment and adaptation planning for the Batavia group of councils (Geraldton-Greenough, Irwin, Chapman Valley, Northampton).
- **Main Roads WA's Swan Catchment Vulnerability Assessment 2009**
Identification of the climate change data available for the Swan Catchment and identification of higher risk areas resulting from strategic vulnerability assessment for Main Roads WA.

EMS and Environmental Auditing

Katrina is a qualified ISO14001 auditor and has applied these skills to the establishment of Sustainability Management Systems, Environmental and Heritage Management Systems as well as auditing compliance against the standard. In 2019, she taught SCI6103 Environmental Management Systems at ECU.

- **AECOM ANZ Operations – Development and implementation of ISO14001:2015 transition. 2014-2018**
Kat lead AECOM's planning, preparation and implementation for transition from 2004 to 2015 Standard ahead of recertification in early 2018
- **NorthLink WA – Southern Section 2016**
Kat conducted an IS aligned sustainability audit for the Tonkin Grade Separations stage of NorthLink WA.
- **Pilbara Ports Preparedness Audit 2016**
Planning, execution and reporting of internal audit compliant with ISO14001:2015 requirements in preparation for Certification Audit
- **Mindarie Regional Council – Internal Environmental Management System Audit 2014**
Planning, execution and reporting of internal audit compliant with ISO14001 requirements for the Tamala Park Landfill Facility.
- **DSEWPaC Compliance Audit – Van Gogh FPSO 2012**
Technical review of the audit plan and report associated with the audit of compliance with Commonwealth EPBC conditions.
- **Rio Tinto Iron Ore – Cultural Heritage Management System (CHMS) Audit 2011**
Technical reviewer of the report prepared for the audit associated with assessing compliance of site operations with company's CHMS.
- **Davis Langdon – Internal Management System Audits 2009**
Planning, execution and reporting of internal audits compliant with Davis Langdon's Information Management System requirements prior to their transition into AECOM.
- **AECOM Australia – Internal Information Management System Audits 2010- 2018.**
Planning, execution and reporting of internal audits compliant with AECOM's ISO9001 and IS140001 requirements for AECOM projects in the Perth Office.
- **Green Loans Audit Services 2009-2013**
Kat was Chief Auditor for Australia (technical lead) to Householder, Load Recipient and Company audits conducted as part of the Green Loans home sustainability assessment program.

Waste Management

Kat's work in waste management is focused on the preparation of construction and operational waste management planning associated with local government approvals as well as for projects seeking Green Star and Infrastructure Sustainability ratings

- **METRONET Bayswater Station, 2021**
Construction Resource Efficiency and Operational Waste Management Plans in support of the delivery and Development Approval of the Bayswater Station and Turnback project.
- **Inland Rail North Star NSW to QLD Border, 2019**
Kat led the Waste Resource and Management chapter of the environmental impact assessment for the State Significant Infrastructure in accordance with the Secretary's Environmental Assessment Requirements. This included preparation of environmental management measures to mitigate impacts from construction and operation of the new freight rail line
- **Quest Apartments Ascot, 2019**
Preparation of an operational waste management plan and liaison with the council in relation to Development Approval requirements for the back of house and administrative areas of the development, including location of bin sizing, collection areas and frequency.
- **Millstream Development 2016-2018**
Preparation and revision of the operational waste management plan for the retail and serviced apartments development between Harper Terrace and Mend Street, South Perth throughout the design development process.
- **Success Plaza 2018**
Preparation of an operational waste management plan for proposed showroom and retail precinct proposed for Cockburn Central, Western Australia.
- **Wardens Cottage Redevelopment 2017-2018**
Operational waste management plan for a heritage listed two storey mix used retail and hotel complex as part of the redevelopment of the former Fremantle Police Precinct.
- **Woolstores Redevelopment 2017**
Operational waste management plan for a 5 storey mix used retail and hotel complex as part of the Shopping Centre redevelopment.
- **RMIT Waste Management Plan 2017**
Kat led the development of RMIT's operational waste management plan for the RMIT University's New Academic Street development as part of its pursuit of a Green Star rating.
- **GatewayWA 2012-2014**
Construction and operational waste management plan for the Perth Airport and Kewdale Freight Access Project. Procurement and contracting of waste contractor. Development of waste tracking and reporting system. Management and reporting of waste statistics as part of third party certified sustainability rating scheme.
- **FiFo village 2013**
Management and review of operational waste management plan for a prospective fly-in fly-out residential village for a major resource development in regional Western Australia.

Stakeholder and Community Engagement

Kat has been a professional science and environmental communication professional for the past 20 years. She has worked across a wide range of print, broadcast and online media and diverse audiences including stakeholders and the community. Kat also supervises postgraduate students who are undertaking Masters and PhD research on stakeholder and community engagement of sustainability reporting as well as part of the environmental impact assessment process.

She has also developed and coordinates the new Science Communication and Ethics Masters unit at ECU which focuses on the communication of technical information and data to non-technical audiences and developing an understanding of ethical practices and data security outside of the usual remit of national Human Ethics Guidelines, considering both professional ethics standards used by professional societies and private organisations.

- **METRONET Bellevue Extension and Midland Station Planning Phase 2018**
Kat provided stakeholder engagement advice and facilitated the multi criteria assessment for project options for the proposed extension of the Midland passenger rail line to Bellevue and redevelopment of the precinct surrounding the existing Midland Station.
- **World Bank – Emerging Practices in Building Power Sector Resilience to Weather and Geological Risks 2014-2015**
Kat led stakeholder consultation activities, including the development and analysis of a survey to identify current and emerging practices used by the power sector to manage weather and geological risks.
- **MAX Light Rail 2013-2014**
Technical lead for the delivery of the Social Impact Assessment for the Perth light rail project, Metro Area Xpress (MAX)
- **Fleet Resources 2010-2016**
Project manager, including community engagement advisor for seismic exploration program in South Carnarvon basin.
- **WA State Climate Change Adaptation and Mitigation Strategy 2009-2011**
Led consultation activities with the CCAMS Director General's Steering Committee, consultation, provided editorial and technical support for Issues Paper.
- **Anketell Point Stakeholder Identification and Mapping 2009**
Katrina provided initial stakeholder identification and mapping for groups associated with the early planning of Aquila Resources' proposed activities associated with the Port Bulk Loading facilities for their West Pilbara Iron Ore project.
- **Renewable Energy Information Files 2002-2004**
Development and online production of internet based renewable energy fact sheets on renewable energy sources, technologies and applications for publication by the then Australian Greenhouse Office and Institute of Energy
- **Australian CRC for Renewable Energy 1997-2003**
Project Leader for communications and informal education activities in the Centre. Key responsibilities involved the communications activities included the production and editing of Centre newsletters, promotional materials and media releases, identification, coordination and delivery of information and awareness raising programs for print and internet based media.
- **Fuel Cell Bus Trial 2006-2007**
Development and delivery of information awareness raising program with WA Department of Transport and Transperth drivers participating the FCB trial.
- **Energy Efficiency in Aboriginal Communities. UN International Centre for the Application of Solar Energy 1999**
Stakeholder consultation, training needs analysis and development of energy efficiency program for implementation in indigenous communities in remote WA.
- **Green Loans Audience Research 2007-2008**
WA coordinator of national program to investigate interest, drivers and communication strategies for the promotion of Federally funded program delivering sustainability assessments and subsidised funding for sustainability retrofits
- **Energy Action Australia Evaluation 2005**
Technical lead for pre and post participation surveying school student perceptions and understanding of 'energy' as a result of the 'Energy Action Australia' education program
- **School and community perceptions of climate change 2003-2004**
Development of survey methodology, population sampling and recruitment, and survey tool development. Analysis of data. Authorship of peer journal article on the survey findings
- **Communications in Cooperative Research Centres PhD Thesis 1997-2006**
Development of desktop, and phone-based survey methodology with qualitative and quantitative aspects to identify approaches and issues associated with the communication activities of researchers within these research centres. Analysis and reporting of data.
- **Evaluation of Interpretive Theatre Techniques 1996**
Lead researcher responsible for the development of survey methodology with qualitative and quantitative aspects and survey instrument. Analysis and reporting of data.

Environmental and Project Approvals

Kat has led technical studies and peer reviews for environmental impact assessments for infrastructure and resource projects with selected examples from the past five years showcased below. Her experiences are predominantly on major infrastructure projects on the east coast of Australia. She uses her experiences from these projects to teach in undergraduate and postgraduate environmental management units at ECU.

- **Inland Rail: North Star to QLD Border EIS**
2017 - 2019
Kat is leading the technical studies and EIS chapters in support of the Australian Rail Track Corporation's Inland Rail (Melbourne to Brisbane Freight Rail) project. The critical State Significant Infrastructure project is to be assessed under the bilateral agreement with the Commonwealth by the NSW Department of Planning and Environment
- **Inland Rail: QLD Border to Kagaru EIS's**
2017 - 2019
Kat is leading the technical studies and EIS chapters in support of the Australian Rail Track Corporation's Inland Rail (Melbourne to Brisbane Freight Rail) project for four Queensland packages (Border to Gowrie, Gowrie to Helidon, Helidon to Calvert and Calvert to Kagaru) by the Queensland Department of State Development, Manufacturing, Infrastructure and Planning under the bilateral agreement with the Commonwealth.
- **Kondinin Solar and Wind Farm** 2017-2018
Kat led the Planning Compliance Review and Landscape and Visual Amenity Assessment associated with the Development Application for the proposed wind and solar farm in Kondinin, Western Australia.
- **WestConnex M4-M5 Link** 2017-2018
Kat led the Response to Submissions for local government and agency stakeholders following public exhibition of the New M5 EIS.
- **Defence Aviation Rescue Fire Fighting Upgrades** 2017
Kat delivered Environmental design reviews on facilities at seven bases in accordance with Department of Defence requirements.
- **Deniliquin Ethanol Plant** 2017
Kat led the response to submissions following the public exhibition of the EIS which was awarded Environmental and Planning Approval.
- **WestConnex New M5** 2017
Kat led the Response to Submissions for local government and agency stakeholders following public exhibition of the New M5 EIS.
- **Woodside Myanmar Exploration Program** 2016
Kat led the technical review and editing activities for environmental impact assessments aligned to the Myanmar EIS guidelines for drilling and seismic programs offshore in the Rakhine Basin

Professional History

Edith Cowan University Jan 2020 – Current
Senior Lecturer in Environmental Management and Sustainability, Data Science Course Coordinator, Deputy Chair – Academic Board

Kat has a teaching and research role at ECU, where she is responsible for the coordination, development and delivering of a range of undergraduate and postgraduate courses in environmental management and sustainability, the supervision of research students

CmdrKat Consulting Pty Ltd Oct 2018 – Current
Director / Owner

Consultant providing a range of environmental management, sustainability advisory and auditing services to governments, not for profit organisations and companies, particularly in relation to sustainability rating schemes.

School Curriculum and Standards Authority
WACE Examination (2009 to 2018) and Marking Panel (2009 to 2020), CEO ATAR Examination Checker (2021)

Kat has had a variety of roles associated with the Integrated Science ATAR course. These include as a member of the three-person Examination Panel and/or two person Marking Panel responsible for drafting and marking ATAR Examinations for the Integrated Science Course which requires a broad and detailed understanding of physical, biological and environmental sciences. At various times, Kat has been the Chief of these panels, responsible for the overall delivery of the exam and/or marking.

Murdoch University Feb 2019 – Jan 2020
Senior Lecturer in Energy Studies and Climate Change

This 0.4FTE role included leading the coordination, development and delivering of a range of postgraduate courses in renewable energy, climate change and energy policy, the supervision of research students as well as submission and management of competitive funding applications.

AECOM Australia Pty Ltd Dec 2008 – Oct 2018
Associate Director in Sustainability and Environment
Responsible for the planning and delivery of a range of environmental, sustainability and communication / engagement projects. This includes the preparation of funding proposals, managing teams, providing technical direction and authoring/reviewing project deliverables in sustainability, environmental management systems, impact assessment documentation and stakeholder engagement management plans. Kat was also the Group Leader – Environment in 2015/2016, leading the

integration of the Environment business following the acquisition of URS.

Murdoch University Jan 2005 – Dec 2010
Lecturer / Senior Lecturer in Physics and Energy Studies

The role included leading the coordination, development and delivering of a range of undergraduate and postgraduate courses, the supervision of research students, serving on external, university and school committees as well as the submission and management of competitive funding applications.

Research Institute for Sustainable Energy (Murdoch University) Nov 2003 – Jan 2005
Education & Training Manager

Led and managed a range of continuous professional education, communication and awareness raising programs for the community, schools, teachers, TAFE students and technical professionals in the renewable energy and energy efficiency sector. Role also included the preparation of applications and management of competitive grant funding from state, Commonwealth, and international agencies. During her time with RISE, Kat also provided support to MurdochLink, the Murdoch's consulting arm to scope and prepare for potential registration as an RTO.

Australian CRC for Renewable Energy
February 1997- Nov 2003

Project Leader – Information & Training Services
Led and developed a range of continuous professional education, communication and awareness raising programs for the community, schools, teachers, TAFE students and technical professionals in the renewable energy and energy efficiency sector, including hydrogen and fuel cells.