

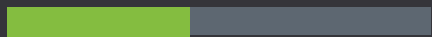


SKILLSETS

Environmental Impact Assessment



Statutory Environmental Planning



Ecology



Government Liaison



MARKET SECTORS



Resource



Electricity &
Renewables



Government



Industrial



Property



Agriculture

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BRETT TAYLOR

Associate Environmental Scientist

Brett has over 12 years of industry experience in environmental consulting in addition to carrying out university research activities in tropical and subtropical rainforests in Australia and Borneo and working as a wildlife guide in South America. Brett has gained substantial experience undertaking ecological surveys across Queensland including investigations for environmental impact statements, environmental management plans and environmental monitoring programs. He has extensive experience using targeted survey techniques for a variety of conservation significant fauna. Brett has been extensively involved in environmental impact assessments and is well versed in environmental legislative requirements under State and Commonwealth legislation including the *Environment Protection and Biodiversity Conservation Act 1999*.

QUALIFICATIONS

2006 Griffith University / Bachelor of Science; Ecology and Conservation Biology (1st Class Honours)

MAJOR PROJECTS

- Inland Rail (Queensland sections) - Matters of National Environmental Significance impact assessment reporting for EIS. Prepared for FFJV on behalf of ARTC
- Styx Coal Project Environmental Impact Statement – baseline ecology site surveys and impact assessment for EIS. Prepared for Fairway Coal.
- Aquis Resort - baseline and targeted ecology site surveys. Environmental Impact Statement review. Prepared for Biotropica for Aquis
- North Galilee Water System – baseline and targeted ecology site surveys, impact assessment for State approvals and EPBC referral document author. Prepared for Adani Mining.
- Hillalong Coal Project – baseline ecology site surveys and impact assessment for EIS. Prepared for Shandong Energy.
- Bauxite Hills Project – peer review of ecology reporting, targeted site ecology surveys and impact assessment for EIS. Prepared for Metro Mining
- Connors River Dam project – baseline terrestrial flora and fauna assessments. Prepared for Sunwater

WORKSHOPS

- Review of North West Highlands Biodiversity Planning Assessment (Department of Environment and Science)

AFFILIATIONS

- Member, Environment Institute of Australia and New Zealand
- Member, Australian Mammal Society
- Member, Australian Bat Society

EXPERIENCE

ECOLOGY

- **Residue Management Area 2: Ecology assessment.** This project involved the expansion of a proposed residue management facility to support Rio Tinto's aluminium smelting activities in the Gladstone area. Developed the ecology and impact assessment reporting to accompany an EPBC Act referral based on compilation of previous study reports and additional site works.
- **Mackay Port Road – ecology survey and impact assessment report, Queensland.** Lead author for the ecology report and impact assessment for a planned new road in north Mackay. He led the fauna component of the site survey including targeted assessments for several threatened species listed under Commonwealth legislation including the vulnerable Water Mouse.
- **North Galilee Water Scheme (NGWS).** The NGWS project involved development of a dam and an extensive water pipeline network (>120 km) required to service the construction and operational needs of the Carmichael Coal Mine. The project required carrying out the environmental technical studies to support the project approvals process at both the State and Commonwealth level. Brett coordinated various field studies over a number of years required to describe the environmental values potentially impacted by the project and inform State and Commonwealth regulatory approvals. Developed the Request for Additional Information document for an EPBC Act referral in response to the Commonwealth regulator's comments. This required coordinating works and compiling information across a number of disciplines including further environmental assessments, flood modelling, Geographical Information System analysis, and social/economic analyses.
- **Beelbee Solar Farm and Connector Projects – Ecology Assessments for environmental approvals, Queensland.** Lead author and project manager for the technical studies and impact assessment reporting required to support the State and local government approvals for a solar farm and associated powerline corridor located west of Dalby. Coordinated flora and fauna assessments including specific threatened flora searches to meet obligations under the State's protected plants survey trigger mapping.
- **Carmichael Rail Network - Fauna Crossing Strategy, Queensland.** Brett was seconded to provide expert advice and site analysis for proposed fauna crossing structures associated with a 200 km rail line located in central Queensland. Brett provided in-depth threatened species habitat analysis and advised on the location of fauna crossing structures required along the length of the project. He authored a draft fauna crossing strategy and environmental design report as per the requirements of the State's Coordinator General.
- **Northern Gas Pipeline – targeted threatened fauna surveys.** Lead ecologist for the Queensland section of this project providing species advice, planning and carried out targeted surveys for threatened fauna including Carpentarian Pseudantechinus, Purple-necked Rock-wallaby, and Gouldian Finch for a proposed pipeline extending from Tennant Creek (Northern Territory) to Mt Isa. Survey provided two records of Pseudantechinus.
- **Wallumbilla Pipeline Project -** Lead author and project manager for site ecological studies and impact assessment reporting required to support the State and local government approvals for a proposed 50 km gas pipeline connector located east of Roma.
- **Aquis Resort – ecological assessment.** Lead fauna ecologist for this project located north of Cairns in north Queensland. He coordinated seasonal fauna surveys including targeted mangrove community surveys in the project area including small mammal trapping (targeting water mouse), general fauna surveys and collection and identification of benthic macroinvertebrate mangrove fauna. Brett provided technical review of subsequent EIS chapters for the Project.
- **Wyaralong Dam (Seqwater).** Brett oversaw the project management, reporting, planning and field components of a monitoring study of faunal use of purpose-built underpasses and effectiveness of installed fauna-proof fencing associated with the redirection of a main road for Wyaralong Dam, south-east Queensland.
- **APLNG Processing Facility Project – threatened fauna monitoring, Queensland.** Brett carried out a number of monitoring surveys for conservation significant fauna associated with the proposed LNG processing facility on Curtis Island, Gladstone. He assisted with bi-monthly targeted migratory wader / shorebird monitoring surveys, planned and carried out targeted trapping surveys for Water Mouse and provided input into technical reporting for the various surveys.
- **Lady Annie Mine – terrestrial fauna monitoring surveys.** Brett assisted with planning and carrying out of repeat annual surveys located 150 km north-west of Mt Isa to monitor local recovery of fauna following extensive toxic spill during flooding. Surveys recorded Carpentarian Grasswren and only second instance of Northern Leaf-nosed Bat in Queensland.
- **Connors River Dam – environmental assessments.** Brett assisted with coordinating and carrying out seasonal baseline fauna surveys and habitat assessments for a proposed dam and 100 km pipeline corridor located south of Mackay. Surveys included targeted fauna assessments to meet the required State and Commonwealth guidelines for a range of threatened fauna.

- **Copperstring Project (RLMS)** - Assessment of habitat values and potential impacts on identified terrestrial ecological values associated with the proposed Copperstring powerline corridor project (Townsville to Mt Isa – northern Queensland). Carried out rapid field habitat assessment surveys for powerline corridor project (over 1000 km length).
- **Mt Oxide Mine (AARC)**. Baseline fauna and flora study, habitat assessment and identification of important ecological values of proposed re-opening of Mt Oxide copper mine site located in north-west Queensland. Targeted surveys for Northern Quoll, Pictorella Mannikin and Gouldian Finch.
- **Cooroy to Curra Highway (Section C)**. Baseline fauna assessments of to inform Project EIS and identify potential design constraints. Supervised baseline ecological surveys to inform Project EIS and identify potential design constraints Included targeted surveys for Black-breasted Button-quail. The results of surveys informed the final design of the project to avoid Black-breasted Button-quail habitat.
- **Australia Pacific LNG project** - Assessment of potential impacts on identified terrestrial ecological values associated with the Coal Seam Gas fields and pipeline corridor components across a wide area of southern Queensland. Extensive onsite habitat searches and assessment for threatened species suitability. Project included contributing to EIS chapter, Threatened Species and Pest/Weed Management Plans.
- **Ironbark Project**. Flora and fauna studies and assessment of potential impacts on terrestrial ecological values associated with proposed Ironbark Coal Seam Gas Project located near Tara in southern Queensland. Baseline ecological surveys and targeted threatened herpetofauna species surveys.
- **Satori Resorts** - Baseline terrestrial and aquatic fauna surveys, targeted surveys of conservation significant species and habitat assessment of proposed development site located near Innisfail, north Queensland. Targeted surveys for rainforest frog species and Cassowary.

ENVIRONMENTAL IMPACT STATEMENTS

- **Inland Rail | North Star (NSW) to Brisbane**. Northern packages (5) of the Inland Rail Project (New South Wales to Brisbane) developed as five separate Environmental Impact Statement documents for State and Commonwealth approvals processes. Brett worked on the field component for the New South Wales component of this major infrastructure project carrying out targeted threatened fauna surveys. He developed the MNES impact assessment reports for each of the four Queensland packages in response to the Commonwealth regulators requests for further information.
- **Styx Coal Project – Environmental Impact Statement (including Supplementary)**. Brett was the ecology lead for the preparation and delivery of ecology components associated with the EIS for this project located 130 km north of Rockhampton. Brett planned and carried out flora and fauna surveys, Groundwater Dependent Ecosystem assessments and aquatic ecology surveys to meet the required State and Commonwealth guidelines for the EIS studies and environmental offsets management plan. This included targeted assessments for a range of threatened fauna as per species guidelines (including Red Goshawk, Koala, Ornamental Snake and Greater Glider). He was lead author of the Terrestrial Ecology, Aquatic Ecology and MNES chapters for the EIS.
- **Bauxite Hills Project - Environmental Impact Statement (including Supplementary)** Brett was the ecology lead for the preparation and delivery of ecological chapters associated with the EIS for this project located 90 km north of Weipa. Brett coordinated flora fauna and aquatic ecology surveys and peer reviewed subsequent technical reporting. He led further site-specific impact surveys for seagrass presence and tree hollows as part of offset management activities. He was lead author of the Terrestrial Ecology, Aquatic Ecology and MNES chapters for the EIS.
- **Hillalong Coal Project - Environmental Impact Statement (including Supplementary)**. Brett was the ecology lead for the preparation and delivery of ecology chapters associated with the EIS for this mine project and associated transport corridor located 100 km west of Mackay. Brett planned and carried out seasonal flora and fauna surveys, and aquatic ecology surveys to meet the required State and Commonwealth guidelines for the EIS studies. This included targeted assessments for a range of threatened fauna as per species guidelines. He was lead author of the Terrestrial Ecology, Aquatic Ecology and MNES chapters for the EIS.
- **T0 Port Expansion Project – Environmental Impact Statement**. Brett was the ecology lead for the preparation and delivery of ecology components associated with the EIS for the expansion of the Abbot Point port located 30 km north of Bowen. Brett coordinated baseline ecological surveys (terrestrial and aquatic), surface water and wetland water and fauna sampling. This included targeted surveys for Stripe-tailed Delma and Squatter Pigeon, marine turtle nesting surveys and migratory wetland bird surveys. Brett authored the EIS chapters for Ecology and Marine Ecology.

OVERSEAS

- **Invasive Species Management Plan.** Brett assisted in coordinating and carrying out pest fauna assessments including trapping at several sites associated with OSL pipeline and infrastructure located in Southern Highlands and Gulf Provinces, Papua New Guinea. The results informed the preparation of an invasive fauna species management plan in tandem with a weed management plan prepared by Biotropica Australia.
- **Preclearance fauna survey** for LNG gas well pad and associated infrastructure. Southern Highlands, Papua New Guinea.
- **Wildlife fauna guide** in southern Amazon of Brazil at Cristalino Eco-lodge (September-December 2014).
- **Volunteer bird guide** in north-west Ecuador based at Tandayapa Lodge with Tropical Birding (June-August 2011).
- **Vertebrate ecologist** for Griffith University Research Project - Studies of an Asian Rainforest (Griffith University) at Danum Valley Field Centre, Sabah, March 2008.
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POSITION SUMMARY

● 2021 - Present	Associate Environmental Scientist	Epic Environmental Pty Ltd
● 2019 - 2021	Senior Ecologist	Aurecon
● 2012 - 2019	Senior Ecologist	CDM Smith
● 2008 - 2012	Ecologist/Senior Ecologist	Biodiversity Assessment & Management Centre for Innovative Conservation Strategies and Australian Rivers Institute
● 2005 – 2007	Research Assistant	– Griffith University