

CURRICULUM VITAE

WILL STEGGALL

Senior Ecologist

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Expertise

- Environmental field surveys
- Flora and fauna identification
- Scientific report writing
- Ecological Impact assessment
- Natural resource management
- Spatial analysis and GIS

Qualifications

- Bachelor of Environmental Science and Management, emphasis in Coast management, Southern Cross University, Lismore.
- Integrated Project: Wetland Inventory and Delineation in Greater Taree LGA using an integrated GIS and remote Sensing Approach.
- NSW BAM Accredited Assessor

PROFILE

Will has worked as an ecologist since 2007, acquiring a multitude of skills ranging from environmental field surveys, complex ecological impact assessments to advanced GIS spatial analysis. He has extensive first-hand experience in conducting and managing field surveys including targeted and generic flora and fauna surveys, long-term offset site monitoring and compliance assessments as well as implementation of the NSW Biodiversity Offset Scheme via field surveys and BDARs using the Biodiversity Assessment Method. His extensive experience and drive for learning have led him to become a local expert in the Mid North Coast region and a highly regarded ecologist in the industry.

Will's roles have also allowed him to work with a broad spectrum of stakeholders including liaison with clients and government authorities to discuss issues and negotiate project outcomes as well as conducting presentations for the community on legislation changes.

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

- BAM Accredited Assessor No.17107
- NSW Ecological Consultants Association Practicing Member
- Railway Industry Worker
- Mine supervisor and Risk Facilitator
- OHS White Card
- Advanced First Aid
- Work Safely at Heights
- Four Wheel Drive

RELEVANT PROJECT EXPERIENCE

Biodiversity Australia, Port Macquarie

Principal Ecologist and Ecology Coordinator

May 2014 – December 2020

Principal Ecologist and Ecology Coordinator | Various Projects

- Delivery of ecological assessment and monitoring projects involving internal teams and subcontractors.
- Prepare and review Biodiversity Development Assessment Reports (BDARs) for large and complex projects.
- Prepared several large scoping studies including detailed ecological constraints analysis, preliminary biodiversity credit calculations, and draft Koala Plans of Management for rezonings and future development precincts on the Mid North Coast
- Led several long-term Biodiversity Offset Monitoring programs for mine sites, including a 6500ha property in Central QLD.
- Establishment of new offsite sites for large infrastructure and mining projects and review and preparation of Offset Management Plans.
- Review of landscape plans and flora species lists for wildlife hazard risk at new Western Sydney Airport.
- Discovery of many new regionally significant threatened species records in Kempsey, Port Macquarie and Midcoast LGAs.
- Liaising with clients and government authorities to discuss issues and negotiate project outcomes.
- Tendering and quote preparation.
- Budget management.
- Coordinating, training and mentoring ecology team.
- Adherence to ISO procedures to maintain certification.
- Conducting presentations for the community on legislation changes.
- NSW ECA member and contributor to *Consulting Ecology* journal.

Senior Ecologist and Spatial Analyst | Various Projects

- Conducting and managing field surveys including targeted and generic flora and fauna surveys, monitoring and compliance assessments, clearing supervision.
- Writing and reviewing professional scientific reports such as statutory ecological impact assessments, management plans, minor works and project REFs.
- Conducting specialist GIS studies, producing maps and training others in GIS.
- Undertook a Department of Defence project for instillation of large-scale solar systems at six Defence bases in the NT, including preparation of Environmental Reports to Defence standards.

Darkheart Eco-Consultancy, Kew

Ecologist

January 2011 – April 2014

- Conducting flora and fauna surveys, monitoring surveys, clearing supervision.
- Report preparation, project management, consultation with other agencies and landholders and use of ArcGIS for desktop and mobile GIS software.
- Nest box instillation.
- Training and supervising junior staff.
- GIS analysis and preparation of a new Endangered Ecological Community (EEC) layer for Port Macquarie-Hastings LGA using existing vegetation mapping and geology datasets
- Rapid ecology survey of all rural roads in the Port Macquarie-Hastings LGA and mapping of threatened species, EECs and habitat trees

Orogen Environmental, Tuncurry

Field assistant and Ecologist

January 2007 – June 2010

- Experience in targeted and broadscale flora surveys, baseline monitoring surveys, comprehensive fauna surveys, clearing supervision and biobanking surveys/assessments.
- Assisted with vegetation survey and mapping of large bush blocks to be used as offsets under the Biobanking Scheme.
- Ecological survey and credit assessment of Midcoast Water landholdings to create biodiversity credit register and management plans.
- Assisted with environmental assessment and report for private development companies, individuals and government authorities.

Parkland Wholesale Nursey, Tinonee

Horticulturalist

March 2003 – February 2004

- All aspects of nursery work including weeding, spraying, pruning, staking and preparing plants for sale.
- Training and supervising new workers.
- Operation and maintenance of plant machinery and watering systems.

NSW State Emergency Service, Port Macquarie

Volunteer Member, team leader and trainer

January 2000 – Present

- Leading teams in emergency situations such as floods, swiftwater rescue, vertical rescue, road accidents, industrial rescue, storms and land searches.
- Training members in wide range of skills at weekly training.
- Extensive list of qualifications and certificates in public safety, emergency management and rescue.
- Participating in community events.
- Recipient of 10,15 and 20 year long service medals.