



## Advitech Environmental is ready for the legislative changes to biodiversity assessment in NSW.

**We provide advice to help avoid and minimise impacts to biodiversity, reducing potential offset costs.**

**Advitech Environmental** ecologists have extensive experience in flora and fauna surveys, impact assessment, environmental planning and conservation management and we provide a range of biodiversity and ecological services to assist with your planning requirements.

These services include

- Flora and fauna impact studies for development applications
- Environmental assessments and plans of management
- We have specialists in habitat and fauna surveying, mapping and monitoring
- We provide detailed ecological constraints assessments, including preparation to assist planning and minimise future regulatory issues
- Our ecological management plans satisfy development and planning requirements and this includes regulations relating to threatened flora, asset protection zoning, fauna mitigation, koala habitat management, nest-box management, vegetation management and rehabilitation and restoration of habitat
- We provide pre-clearance surveys and ecologist supervision of all forms of habitat clearance; long-term habitat restoration monitoring; bushfire assessments; and expert witness statements

## Affiliations and Licenses

- Accredited BAM Assessors (BAAS17100)
- NSW Department of Primary Industries Animal Care and Ethics Committee Animal Research Authority
- NSW National Parks and Wildlife Service Scientific Licence No. CON12003
- Ecological Consultants Association of NSW

## Biodiversity Assessment Method (BAM)

The BAM method determines the biodiversity value of the land, and the impact of the proposal on these values. The BAM then informs a calculation to determine the offset requirements of the development, which can be met by providing or purchasing 'like for like' credits, paying into the Biodiversity Conservation Fund or paying for a Biodiversity Conservation Action.

This new BAM and offsets scheme is expected to capture an additional 6000 developments requiring offsets every year.

Developments subject to the BAM include those requiring consent under Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act) (excluding complying development) that have an impact that meets or is above the Biodiversity Offset Scheme threshold or are located in area of Biodiversity Value, State Significant Development and State Significant Infrastructure.

Advitech Environmental is able to undertake BAM assessments required under the BC Act, including Biodiversity Development Assessment Reports and Biodiversity Stewardship Site Assessment Reports.



## Project Examples

We have undertaken biodiversity assessments for a range of projects including:

- M1 Pacific Motorway Upgrade:  
Weakleys Drive and John Renshaw Drive intersection
- New England Highway Upgrade:  
Belford to the Golden Highway
- New England Highway maintenance works:  
Scone to Murrurundi
- Management plan for *Maundia triglochinos* for Port Stephens Council
- Drainage infrastructure works at Mount Pleasant
- Cobb Highway Upgrade works between Ivanhoe and Wilcannia
- Two Hunter Valley bridges, including microbat management plans and annual monitoring
- Byron Bay Hospital
- Rural subdivision at Charlotte Bay
- Road widening works on MR410 Kidman Way, Cobar
- Dwelling and access road at Belbora including a vegetation management plan
- Various dwellings at Pokolbin, Smiths Lake, Mulbring, Seal Rocks, Ellalong
- Cessnock Correctional Facility
- Biconvex Paperbark assessment at Manns Road, West Gosford
- Barrier Highway upgrade works at Musheroo
- Upgrade of 22 culverts on the Old Pacific Highway between Kariong and Mooney Mooney
- Kariong Correctional Facility
- Various REFs across NSW

## About Advitech

Advitech Pty Limited is a diverse engineering and environmental consulting firm delivering targeted solutions through proven STEM&M principles and cross-expertise collaboration. Customers can expect adaptability, rigour and dependable outcomes.

Advitech Environmental's diverse team of scientists, ecologists, archaeologists and engineers enable clients to manage their impacts while balancing their business goals.

We have extensive knowledge of environmental matters, but we deliver value beyond compliance. Our services include environmental planning and assessment, culture and heritage, monitoring and reporting, and sustainability and resource efficiency.

© Advitech Environmental February 2018



**For more  
information contact  
Dr Rod Bennison  
02 4924 5400**