

curriculum vitae

qualifications

Bachelor of Science Degree, (Biology and Marine Sciences) 1984 University of Sydney
Diploma in Education (Secondary), 1988 Sydney College of Advanced Education
BAM accreditation number BAAS17092
Scientific licence number SL100050

Peter Dalmazzo has more than 30 years' experience working in the fields of marine biology, flora, fauna and threatened species assessment, estuarine and coastal management, environmental planning and impact assessment, public place planning, community engagement and education.

Peter's broad experience extends from scientific research to preparation and review of environmental assessments, flora, fauna and threatened species studies, preliminary archaeological studies, natural resource management plans, community land and Crown land plans of management, teaching and development of teaching materials at universities, presentation of evidence at Commissions of Inquiry, Mining Warden's Inquiry and Land and Environment Court hearings,. Peter has developed and carried out many effective community engagement, consultation and community education programs.

Peter has provided detailed, original, technical advice for a large number of projects working in the private and public sectors (state and local government) and in tertiary institutions. In addition to preparing original advice, Peter has reviewed numerous reports and assessments for determining and consent authorities on proposals including residential, industrial, recreational and tourist developments, marinas and other boating facilities, canal estates, extractive industries, dredging and reclamation, aquaculture, roads, bridges and airports.



Services include:

- Environmental Assessments
- Wetland Assessments and Management Plans
- Vegetation/Bushland Management Plans
- Flora and Fauna Studies
- Threatened Species and Endangered Ecological Community Assessments
- Ecological Assessments
- Environmental Management Plans
- Waterway Management Planning (Estuary, River and Coastal)
- Lake Entrance Management Plans
- Natural Resource Management Plans
- Preliminary Archaeological Studies
- Plans of Management for Natural Areas & Open Space
- Community Engagement, Consultation and Education Strategies

some recent projects

- Review of Environmental Factors for Upgrade of Fire Trails, Jervis Bay National Park
- Environmental Impact Assessment for Road Remediation Ellmoos Road Booderee National Park
- Environmental Impact Assessment for Road Remediation Stoney Creek Road Booderee National Park
- Environmental Impact Assessment for Proposed Boardwalk Replacement near Murrays Beach Boat Ramp Booderee National Park
- Vegetation Management Plan for Shoalhaven River Riparian Corridor SF10758, Paringa Road Longreach
- Vegetation Management Plan for Residential Subdivision Glenella Road Catalina
- Review of Environmental Factors for Replacement of Amenities Building Worrigee Equestrian Common Worrigee
- Statement of Environmental Effects for BlazeAid Primitive Camping Area, Kioloa
- Application for Removal of Trees, 82 Greenwell Point Road Greenwell Point
- Aquatic habitat Survey and Statement of Environmental Effects for Proposed Facility Upgrade Merimbula Big Game & Lakes Angling Club Merimbula Lake
- Vegetation Classification for Bushfire Assessment Proposed Medium Density Development 12 & 14 East Crescent Culburra Beach
- Threatened Species Assessment for Proposed Dwelling 2 McGowen Street Old Erowal Bay
- Vegetation & Habitat Assessment Proposed Lots 907 and 908 Brushbox Drive Ulladulla
- Marking of Hollow-bearing Trees for Construction of Residential Subdivision Ilett Street Mollymook
- Preliminary Flora and Fauna Assessment for Proposed Dwelling 1429 Upper Kangaroo River Road, Upper Kangaroo River
- Review of Environmental Factors for Replacement of Bugong Road Bridge on School Creek, Budgong
- Review of Environmental Factors for Replacement of Bridge Over Crookhaven River (Archgate) Culburra Road Pyree. Prepared for Kenpass Pty Ltd
- Review of Environmental Factors and Ecological Monitoring Crookhaven River Floodgates Alteration, Pyree
- Review of Environmental Factors for Shared User Path Bridge Chris Creek Sussex Inlet. Prepared for Zauner Constructions
- Aquatic and foreshore vegetation monitoring - Lake Conjola entrance opening
- Aquatic Habitat Survey for New Private Pontoon Facility, 76 Haiser Rd, Greenwell Point
- Aquatic Habitat Survey and Statement of Environmental Effects for Integrated Development for New Private Pontoon Facility, 86 Haiser Rd, Greenwell Point
- Aquatic Habitat, Flora and Fauna Assessment for Proposed Stage 2 Expansion of Sand Extraction Area, Shoalhaven River Adjacent to Pig Island, Terara

- Preliminary Flora and Fauna Assessment Wandean Road & Hancocks Road Wandandian
- Hollow-bearing Tree Survey Proposed Subdivision SF10638 Lot 42 DP 1081184 Pointer Rd, Yatte Yattah
- Environmental work method statements and permit applications (Batemans Marine Park and Fisheries-Marine Vegetation), Princes Hwy bridge replacement, Clyde River, Batemans Bay
- Preliminary Flora and Fauna Constraints Assessment 1-3 Moona Street Huskisson
- Preliminary Flora and Fauna Constraints Assessment Lot 353 DP755952 Coral Sea Drive West Nowra
- Site Assessment for Critically Endangered Orchid *Pterostylis vernalis* Lot 353 DP755952 Coral Sea Drive West Nowra
- Flora and Fauna Assessment for Proposed Modification to Existing Tourist Cabins 330B Bugong Road Budgong
- Preliminary Flora and Fauna Constraints Assessment 336 Woollamia Road Woollamia
- Site Assessment for Critically Endangered Orchid *Pterostylis ventricosa* 336 Woollamia Road Woollamia
- Preliminary Flora and Fauna Assessment 206 Princes Highway South Nowra
- Flora and Fauna Assessment Proposed Industrial Units 7 Victa Way Lot 6 DP 248150 Bomaderry
- Marking of Hollow-bearing Trees and Supervision of Tree Removal for Dwelling DA17/2120 - 257D Gannet Road - Bamarang
- Preliminary Flora and Fauna Constraints Assessment Lot 2 DP1126288 Warra Warra Road South Nowra
- Biodiversity Development Assessment Report for Proposed Multi Dwelling Housing Development 55 Quinns Lane South Nowra
- Flora and Fauna Assessment for Proposed Residential Subdivision 615 Illaroo Road Bangalee Lot 5 DP 588771
- Site Assessment for Critically Endangered Orchid *Pterostylis vernalis* 615 Illaroo Road Bangalee Lot 5 DP 588771
- Preliminary Flora and Fauna Assessment Proposed Subdivision 13 - 35 Asquith Street Austinmer
- Biodiversity Assessment Surveys for Proposed Subdivision 13 - 35 Asquith Street Austinmer
- Flora and Fauna Assessment for DS17/1286 Proposed Modification to Approved Boundary Adjustment SF10436 Lots 3 and 4 DP 551396 Greens Road Greenwell Point
- Ecological Monitoring of Seaplane Operation Shoalhaven River Nowra
- Aquatic Habitat Survey for Pontoon Facility Upgrade, Marine Rescue Wharf, Merimbula Lake
- Aquatic Habitat Survey for Pontoon Facility Upgrade, Top Lake Boat Hire, Merimbula Lake

- Review of Environmental Factors for Proposed Marina, Ulladulla Harbour
- Assessment of environmental survey requirements for tunnel crossing of the Lower Thames Estuary east of London UK
- Review of Environmental Factors for Lowering of Causeway for Flood Mitigation, Gurungaty Waterway, Port Kembla
- Aquatic Ecological Assessment for Private Jetty 102 Greenwell Point Road, Greenwell Point
- Aquatic Ecological Assessment for Private Jetty 9 Adelaide Street, Greenwell Point
- Advice on Shell Cove Beach Dune Rehabilitation Management Plan
- Aquatic Ecological Assessment for Proposed Tourist Development Princess Avenue Burrill Lake
- Shoreline Revegetation/Works Plan, Pig Island, Shoalhaven River, Terrara
- Flora and Fauna Assessment for Proposed Coastal Erosion Protection Works, Currarong
- Monitoring and Compliance Report, Riparian Corridor Vegetation Management Plan, Bunberra Street Bomaderry
- Vegetation Management Plan for Bangalay Sand Forest Endangered Ecological Community, Shoalhaven Heads Golf Club
- Brundee Swamp Remnant Vegetation Management Plan
- Moeyan Hill Remnant Vegetation Management Plan
- Currarong Creek Entrance Management Plan
- Currarong Natural Resources Management Strategy
- Swan Lake & Berrara Creek Natural Resources Management Strategy
- Termeil Coastal Reserves Plan of Management
- Mahogany Creek Reserve Plan of Management
- Kings Point Foreshore Plan of Management
- Berrara Creek Flats Reserve Plan of Management
- White Sands Park and Voyager Memorial Park Plan of Management
- Mollymook Beach Reserve Plan of Management
- O'Hara Head Reserve, Kioloa Plan of Management
- Greenwell Point Foreshore Reserve Plan of Management
- Rainforest Vegetation Plan of Management DA03/3792 Lot 2 DP 736711 912b Kangaroo Valley Road Bellawongarah
- Canal Estates Management Plan, Riviera Keys Sussex Inlet
- Review of Environmental Factors for Improved Crossing of Calymea Creek, Wattle Fire Trail, Yerriyong
- Review of Environmental Factors for Replacement of Currambene Creek Bridge on Parma Road, Falls Creek

- Preliminary Review of Environmental Factors Documentation for Replacement of Causeway with Bridge, Brogers Creek
- Preliminary Review of Environmental Factors Documentation for Shared User Path Bridge, Chris Creek Sussex Inlet
- Preliminary Review of Environmental Factors Documentation for Shared User Path Bridge, Moona Moona Creek Huskisson
- Assessment of environmental survey requirements for tunnel crossing of the Lower Thames Estuary east of London UK
- Review of Environmental Factors for Protection of Pedestrian Bridge Over Nowra Creek, Bens Walk, Nowra
- Review of Environmental Factors for Replacement of Pedestrian Bridge Over Callala Creek at Callala Bay
- Review of Environmental Factors for Realignment of Bolong Road East of Broughton Creek Bridge
- Review of Environmental Factors for Removal and Replacement of Pedestrian Bridge, Federation Place Reserve, North Nowra
- Report on Flora and Fauna for Proposed Bridge Over Broughton Mill Creek, Broughton Vale Road, Broughton Vale
- Aquatic Ecological Assessment for Proposed Public Boat Ramp Upgrade, Currambene Creek, Woollamia
- Aquatic Ecological Assessment for Proposed Additional Public Pontoon, Grays Beach, Shoalhaven River, North Nowra
- Aquatic Ecological Assessment for Proposed Special Events Pontoons, Nowra Wharf and Shoalhaven Rowing Club, Shoalhaven River, Nowra
- Review of Environmental Factors, Aquatic Ecological Assessment and Terrestrial Flora Assessment for New Public Boat Launching Ramp & Jetty, Conjola Park
- Report on Cultural Heritage, Flora and Fauna for Proposed Boat Launching Facility, Yalwal Street Currarong
- Flora and Fauna Assessment for Proposed Dredging and Dune Protection Various Locations City of Shoalhaven & Wharf Redevelopment Huskisson
- Environmental Monitoring of Dredging and Sand Placement at Lake Conjola & Sand Placement at Mollymook Beach
- Aquatic Habitat Survey for Proposed Private Jetty, Naval Parade, Erowal Bay
- Review of Environmental Factors for Boat Launching Ramp Jetty, North Ulladulla Harbour
- Flora and Fauna Assessment for Installation of Air Dock and Associated Support Structures at existing Marine Rescue Jetty, Currambene Creek off Admiralty Crescent, Huskisson
- Threatened and Migratory Species Assessment for Proposed Seaplane Charter Business Shoalhaven River and St Georges Basin
- Flora and Fauna Assessment for Proposed Residential Subdivision, Greens Road, Greenwell Point

- Flora and Fauna Assessment for Proposed Residential Subdivision, James Farmer Grove, Woollamia
- Flora and Fauna Assessment for Proposed Caravan Park, Golfcourse Way, Sussex Inlet
- Flora and Fauna Assessment for Proposed Dwelling House, Canberra Crescent, Burrill Lake
- Flora and Fauna Assessment for Proposed Storage Units, Princes Highway, Ulladulla
- Flora and Fauna Assessment for Proposed Residential Subdivision, Burrill Street, Huskisson
- Flora and Fauna Assessment for Proposed Residential Subdivision, Lackersteen Street, Callala Bay
- Flora Survey for Proposed Residential Subdivision, Douglas Street, Nowra
- Threatened Species and Marked Tree Assessment for Consent to Clear Vegetation, Worrige Nature Reserve
- Flora and Fauna Assessment for Tree Removal, Hillcrest Avenue, South Nowra
- Flora and Fauna Assessment for Proposed Residential Subdivision, Tulip Street, Hyams Beach
- Survey for the Vulnerable Leafless Tongue Orchid *Cryptostylis hunteriana*, Hayward Road, Wandandian
- Survey for the Vulnerable Leafless Tongue Orchid *Cryptostylis hunteriana*, Havilland Street, Conjola Park
- Inspection for Leafless Tongue Orchid *Cryptostylis hunteriana* -DA14/2322 - 84 Westlake Drive Woodstock.
- Survey for the Vulnerable Leafless Tongue Orchid *Cryptostylis hunteriana*, Tulip Street, Hyams Beach
- Survey for the Endangered Bauer's Midge Orchid *Genoplesium baueri*, Tulip Street, Hyams Beach
- Survey for the Critically Endangered Greenhood Orchid *Pterostylis ventricosa* for Single Storey Dwelling, Willowford Road, Woollamia
- Survey for the Critically Endangered Greenhood Orchid *Pterostylis ventricosa* for Rezoning, The Wool Road, St Georges Basin
- Survey for the Critically Endangered Greenhood Orchid *Pterostylis ventricosa* for Single Storey Dwelling, Lot 87 DP 26638 Sussex Inlet Rd Sussex Inlet
- Green and Golden Bell Frog Management Plan DA15/1852 Lot 11 DP 226701 Vendetta Street Nowra
- Preliminary Assessment of Environmental Issues for Proposed Rezoning Lot 7 DP 827728 The Wool Road St Georges Basin
- Mapping of Seagrass Adjacent to Alamein Caravan Park, Sussex Inlet
- Survey for Green & Golden Bell Frog for Mud Muster Shoalhaven 2015 Event at Archer Racecourse Albatross Road Nowra
- Tree Marking for DA04/3594 165 Coorong Road North Nowra

- Flora and Fauna Assessment for Two Lot Subdivision SF10447 - 90 Old Berrara Rd Sussex Inlet
- Flora and Fauna Assessment for Proposed Low Density Residential Subdivision Lot 51 DP1011824 Bomaderry
- Flora and Fauna Assessment for Proposed Dwelling House Lot 16 DP 1014179 Illustrious Court Callala Bay
- Flora and Fauna Assessment for Proposed Commercial Development Lot 2 DP 1126288 Old Southern Road South Nowra
- Flora and Fauna Assessment for Mud Muster Shoalhaven 2014 Event at Archer Racecourse Albatross Road Nowra
- Ecological Assessment of Proposed Upgrade of Boat Launching Area in Chris Creek, off River Road, Sussex Inlet
- Statement of Environmental Effects for Integrated Development: Replacement Public Jetty and Pontoon Adjacent to Existing Public Boat Ramp, Lions Park, Lakehaven Drive, Sussex Inlet
- Statement of Environmental Effects for Integrated Development: Addition of Low Level Landing to Existing Public Jetty Adjacent to Existing Public Boat Ramp, opposite Nielson Lane, Sussex Inlet
- Review of Environmental Factors for Jetty Replacement, Nielsen Lane Sussex Inlet and Low Level Landing (Pontoon), Island Point St Georges Basin
- Shoalhaven River Entrance Management Plan
- Aquatic Habitat, Flora and Fauna Assessment for Proposed Expansion of Sand Extraction Area, Shoalhaven River Adjacent to Pig Island, Terara
- Review of Environmental Factors for Shoalhaven River Entrance Dry Notch Maintenance
- Aquatic Assessment for Private Jetty in Shoalhaven River - 2 Bryant Street Terara
- Aquatic Ecology and Threatened Species Assessment for Construction of Private Jetty and Pontoon, Crookhaven River Estuary adjacent to Lot A DP 399506 114 Greenwell Point Road Greenwell Point
- Review of Environmental Factors for Repairs to Huskisson Public Wharf and Rotary Wharf at Currambene Creek, Huskisson, and Woollamia Wharf at Currambene Creek, Woollamia
- Submission for creation of an artificial reef in Jervis Bay by scuttling of ex-HMAS Manoora
- Review of Environmental Factors for Foreshore Management Works, Kings Point
- Aquatic Assessment for Proposed Pontoon Southern Boat Ramp Ulladulla Harbour
- Aquatic Assessment for Private Jetty, Hay Avenue Shoalhaven Heads
- Review of Environmental Factors for Public Pontoon, River Road Boat Ramp Shoalhaven Heads
- Ecological Assessment of Proposed Tourist Development on Goodnight Island, Crookhaven River, Greenwell Point

- Flora and Habitat Assessment for Proposed Shared Pathway, Callala Point
- Development Application for Replacement of Marine Rescue Wharf, Shaws Creek, Greenwell Point
- Statement of Environmental Effects for Proposed Public Jetty and Pontoon Adjacent to Existing Public Boat Ramp, Thistleton Reserve, Maria Avenue, Burrill Lake
- Statement of Environmental Effects for Proposed Foreshore Rehabilitation, Burrill Lake Lions Park
- Review of Environmental Factors for Reconstruction of Timber Jetty, Bangalee Reserve, Shoalhaven River
- Review of Environmental Factors for Piping And Filling of Open Stormwater Drain, Greys Beach Reserve, North Nowra
- Environmental Effects of Using Pigmented Emulsified Creosote (PEC) Treated Timber Piles for Repairs to Wharves
- Update on Use of Treated Timber in Aquatic Environments
- Statement of Environmental Effects for Greenwell Point Foreshore Stabilisation Works & Public Foreshore Access Structures
- Review of Environmental Factors for Artificial Opening of Burrill Lake Entrance at a Water Level of 1.25m AHD
- Review of Environmental Factors for Artificial Opening of Burrill Lake Entrance at a Water Level below 1.25m AHD
- Effect of Burrill Lake Closure on Foreshore Vegetation
- Review of Environmental Factors for Maintenance Dredging of Approaches to Comerong Island Ferry Ramps
- Review of Environmental Factors for Artificial Opening of Willinga Lake Entrance
- Review of Environmental Factors for Construction of Shared Pedestrian/Cycle Path Adjacent White Sands Tourist Park, Huskisson
- Review of Environmental Factors for Collers Beach Foreshore Stabilisation
- Review of Environmental Factors for Widening of Access Road to Sewer Pump Station 12, Blenheim Beach
- Review of Environmental Factors for Shared Footpath and Cycleway, Cudmirrah to Sussex Inlet
- Statement of Environmental Effects for Integrated Development: Boat Ramp Replacement, Jetty and Car Park Construction, Greenwell Point Foreshore Reserve
- Flood Event Procedures Manual
- Clean Up Ulladulla Harbour Public Education Campaign, including Guidelines for Harbour, Boat Ramp and Slipway Users
- Flora and Fauna Report for Bund Construction and Channel Excavation, Kallaroo Road Erowal Bay
- Review of Environmental Factors for Bund Construction and Channel Excavation, Kallaroo Road Erowal Bay

- Review of Environmental Factors for Stage 2 Sporting Field Upgrade, St Georges Basin
- Flora and Habitat Assessment for Various Sportsgrounds, Sanctuary Point
- Constraints Assessment for Possible Extension of Coral Crescent Ulladulla.
- Review of Environmental Factors for Road Construction, Anson Street Extension and Village Access Road, St Georges Basin
- Review of Environmental Factors for Drain Maintenance Tasman Park Close, St Georges Basin, Cammaray Drive to Loralyn Avenue, St Georges Basin, Prentice Avenue, Old Erowal Bay
- Review of Environmental Factors for Removal of Road Gravel from Inlet and Outlet of Pipe Under Waterpark Road St Georges Basin
- Assessment of Significance for Endangered Ecological Community Bangalay Sand Forest from Proposed New Golf Par 3 Hole, Shoalhaven Heads Golf Course
- Review of Environmental Factors for Piping of Drain, Dacres St to Tharwa Rd Vincentia
- Report on Flora and Fauna, Proposed Sealing and Widening of Approximately 700 metres of Bunkers Hill Road, Barrengarry
- Hazelberry Park - Berry Showground Plan of Management
- Nowra Showground Plan of Management

other co-authored publications

Research Report on Underwater Sounds Produced by Some Australian Marine Animals (Including a Catalogue of Recorded Sounds), volumes I & II.

Seagrasses and Their Management – Implications for Research, Chapter 5 in 'Seagrass in Australia.' 1999 Fisheries Research and Development Corporation

professional experience

Environmental Consultant

1988, 1998 - present

Environmental impact assessment, natural resource management plans, biological surveys.

Natural Resources and Floodplains Unit

Shoalhaven City Council 1997 - 2010

Prepare Plans of Management and Natural Resource Management Strategies for community land, coastal reserves, waterways and their catchments. Through research and consultation identify values of this large natural area, including coastal wetlands and forest. Undertake environmental assessments for Council projects.

NSW National Parks and Wildlife Service 1996 - 1997

Review of environmental impact assessments, environmental studies and plans for activities that had the potential to affect native flora, native fauna and Aboriginal sites and with implications for the management of NPWS reserves. This included impact assessment under the provisions of Parts 4 and 5 of the Environmental Planning and Assessment Act, planning under Part 3 of that act, and management plans prepared by Councils, Estuary and Catchment Management Committees and others. Co-ordinate public exhibition of REFs

and EISs and assess submissions. Represent NPWS on management and policy formulation committees and at public meetings. Provide advice on environmental planning and threatened species conservation matters to the public, staff in other sections of NPWS and other organisations including Local, State and Commonwealth Governments. Draft correspondence and prepare briefing notes for Director-General and Minister.

Department of Land and Water Conservation 1996 - 1996

Provide technical advice to Councils, the community and departmental officers on ecological aspects of management plans and their strategies. Prepare consultants briefs for multi-disciplinary investigations. Identify sources of funding and prepare funding submissions for collection of coastal zone data.

NSW Fisheries 1991 - 1994

Initiate and manage fish habitat protection, creation and restoration projects. Prepare and review environmental impact assessments, environmental studies and plans for activities that have the potential to affect fish habitat. Assess applications under Fisheries and Oyster Farms Act for mangrove cutting, dredging and reclamation and prepare permits. Prepare and implement management plans for aquatic reserves (protected areas) including the Jervis Bay Marine Reserve. Prepare and implement environmental policy. Represent NSW Fisheries on management and policy formulation committees and at public meetings. Liaise with and advise staff in other sections of NSW Fisheries and other organisations including Local, State and Commonwealth Governments. Prepare correspondence for Director of Fisheries and Minister. Compile database on fish kills and analyse information to allow better management of waterways.

Department of Biology

University of Wollongong 1990 - 1991

Supervise all departmental technicians. Maintain records on departmental facilities and accounts. Coordinate biology classes. Ensure all departmental teaching and research facilities are maintained in running order. Liaise with scientific supply companies. Advise on and negotiate purchasing of equipment and consumables for teaching and research. Ensure biology classes are prepared and run efficiently. Maintain student records.

School of Biological Sciences

University of Sydney 1984 - 1988

Carry out research on marine animal sounds. Collect and maintain live marine animals. Record and analyse sounds. Present lectures on specific topics including fisheries management, marine botany and wetland management. Develop student manuals on plant biology. Supervise and give guidance to students during practical classes and tutorials. Assess reports, essays and exams. Prepare classes and teaching material. Maintain and analyse student records and exam results.

N.S.W. Forestry Commission 1982

Collect data in field for arboreal mammal survey.

Qld National Parks and Wildlife Service 1980 and 1983

Collect data in field and data analysis for turtle research program.