



**QUALIFICATIONS**      B.E. (Hons) UNSW, 1983  
                                  B.Sc. UNSW, 1983  
                                  M.Eng.Sc., UNSW, 1987  
                                  Ph.D. UNSW, 1998

**AFFILIATIONS**

**WILLIAM PEIRSON  
 SENIOR LECTURER**

B.E (Hons), B.Sc M.Eng.Sc. PhD

**PROFESSIONAL  
 HISTORY**

1980 -1982    Trainee Engineer, Wholohan, Grill and Partners  
 1983 -1988    Engineer, WRL, UNSW  
 1988 -1994    Senior Engineer, WRL, UNSW  
 1994 -1996    Scientific Adviser, WRL, Snr Research Asst UNSW  
 1996 -1998    Post-Doctoral Research Fellow, Department of  
                          Meteorology, University of Reading, UK  
 1998            Snr Engineering Consultant, Manly Hydraulics  
                          Laboratory  
 1998-2000    Manager, Water Research Laboratory, UNSW  
 2001-           Senior Lecturer, UNSW

William has 23 years of experience in the specialist fields of:

- Fluvial & Estuarine Processes
- Coastal Structures
- Outfall Design
- Numerical Modelling
- Oceanographic Processes
- Project Management
- Instrument Design
- Computer Applications in Fluids Engineering
- Sediment Transport
- Physical Modelling

**RELEVANT EXPERIENCE**

**Fluvial Studies**

Brisbane Airport, Qld.  
 Nepean River, NSW  
 Penrith Lakes, NSW  
 Haslams Creek, NSW  
 Ok Tedi, Papua New Guinea

**Estuarine Studies**

Brisbane River, Qld.  
 Tamar River, Tas.  
 Homebush Bay, NSW  
 Bellinger River, NSW  
 Parramatta River, NSW  
 Sussex Inlet, NSW  
 Karuah River, NSW

**Atmospheric Studies**

Research on the effects of wave breaking on the atmospheric boundary layer  
 Research on atmospheric boundary layer flows

**Coastal Studies**

Currie, King Is., Tas.  
 Penrith Lakes, NSW  
 Kinghorn Point, NSW  
 Penguin Head, NSW  
 Garden Island Dockyard, NSW  
 Bate Bay, NSW  
 Hong Kong

**Oceanographic Studies**

Esso Bass Strait Oil Platforms  
 Sydney Ocean Outfalls, NSW  
 Illawarra Outfalls, NSW  
 Design and commissioning of a remotely trackable drifter system  
 Research on the wind-wave growth and response to wind forcing  
 Research on the effects of wave breaking on surface mixing and pollutant entrainment