

	<ul style="list-style-type: none"> I co-supervise two Marine Biology post-graduate students working on pathways of micro-plastic pollution in coastal waters Assistance with field research, including one research cruise (Darwin to Fremantle)
July 2017	Visiting Scientist , South Australian Research and Development Institute (SARDI)
January 1996	Owner, Austides Consulting My business, established for occasional small consulting jobs (one to four person, AUD 1,000 to 70,000). Austides has completed more than 30 such jobs.
Previous	
2017 – 2020	Expert Advisor, Maurice Blackburn Pty Ltd. Sydney (on retainer) Provided legal team with advice on potential trajectories of spilled oil in multi-million-dollar international case.
2014 – 2020	Expert Advisor, Tridel Engineering LLC (Dubai). Part time consultant. <ul style="list-style-type: none"> Assisted in writing tender responses; set up and ran ocean models; Analyzed ocean data, assisted in writing reports; provided workshops on tidal analysis.
2007 – 2017	Physical Oceanographer (Head of Hydrodynamic Modelling Group) SARDI. <ul style="list-style-type: none"> Planned and implemented field program (five current profiling arrays, repeated water sampling transects). Established ROMS as primary numerical model at SARDI. Oversaw four-year project “Assessment of Oil Drilling Risk in the Great Australian Bight”
2004 – 2007	Senior Research Fellow, James Cook University, Townsville, Queensland <ul style="list-style-type: none"> Lecturer for third-year course “Coastal and Environmental Engineering” Lead author on “Circulation in the Great Barrier Reef Lagoon using numerical tracers and in situ data”.
1992 - 2004	Research Fellow, Flinders University of South Australia <ul style="list-style-type: none"> Authored monthly reports on South Pacific Sea Level Climate Monitoring Project Ran outreach program to empower Pacific Islanders in local environmental projects Conducted over 40 marine environment workshops in Pacific Island countries
1988 – 1992	Postdoctoral Fellow, University of Sydney <ul style="list-style-type: none"> Lead author on “On the formation and spreading of the Bass Strait cascade” Lecturer “Ocean Wave Theory”
1982 – 1987	Research/Teaching Assistant University of Alaska <ul style="list-style-type: none"> Conducted doctoral research “The Dynamics of the Alaska Coastal Current” Taught graduate level physical oceanography for four years
1981 - 1982	Geophysical Engineer, Schlumberger Offshore Services Engineer in charge of oilfield well logging.

ADDITIONAL INFORMATION:

Lists of publications, conference papers, book authorships, and awards are available on request.

SELECTED PROFESSIONAL PUBLICATION:

Kowalik, Z., and J. Luick. 2019. *Modern Theory and Practice of Tide Analysis and Tidal Power*. South Australia: Austides Consulting, 220 pp. https://www.uaf.edu/files/cfos/Kowalik/Book2019_tides.pdf

REFERENCES:

Name	Employer	Title	Phone	Email
Dr Charles James	SARDI	Physical Oceanographer	+61447728459	charles.james@sa.gov.au
Dr John Hinwood	Australian Meteorological & Oceanographic Group	Director (formerly CEO)	+61457429010	jbhinwood@gmail.com
Dr Helen Rosenbaum	Self-Employed	Environmental Advocate	+61413201793	hrose@vic.chariot.new.au
Mr Shaijan Baby	Tridel Technologies LLC	CEO	+971564408901	info@trideltechnologies.com