

Professor Barry T Hart - Biography



Professor Barry Hart is Director of environmental consulting company – Water Science Pty Ltd, established after he retired from Monash University. He was appointed an Emeritus Professor by Monash University. Previously he was Director of the Water Studies Centre at Monash University and Deputy Director Research of the CRC for Freshwater Ecology.

Prof Hart is currently a non-executive Director of Alluvium Consulting Australia Pty Ltd. In May 2018 he completed 9 years as a board member of the Murray-Darling Basin Authority.

He has received several awards, including the Limnology Medal (1982) from the Australian Society for Limnology, the Environmental Chemistry Medal (1996) and Applied Chemistry Medal (1998) from the Royal Australian Chemical Institute, and

in 2003 a Centenary Medal for services to water quality management and environmental protection. He was also made a Member of the Order of Australia (AM) in the 2012 Queens Birthday awards.

He is well known for his sustained efforts in developing knowledge-based decision making processes in natural resource management in Australia and south-east Asia (particularly with the Mekong River Commission).

He has established an international reputation in the fields of natural resources decision-making (water quality and catchment management, environmental flows, water policy), ecological risk assessment and environmental chemistry. He has published over 200 refereed papers and 13 books, and is on the editorial board of 5 international journals. His most recent books are: *Hart, B.T. & Doolan, J. (eds). Decision Making in Water Resources Policy and Management: The Australian Experience, Elsevier, Oxford* and *Hart, B.T., Bond, N.R., Byron, N., Pollino, C.A. and Stewardson, M.J. (eds.). The Murray-Darling Basin, Australia: Its Future Management, Elsevier, Oxford, UK (in press).*

He has chaired or been a member of many scientific inquiries, reviews or advisory committees. These include: *Scientific Inquiry into Hydraulic Fracturing of Onshore Unconventional Reservoirs in the Northern Territory* (Deputy Chair), which reported to the NT Government in March 2018, and Chair of the Commonwealth Environmental Water Scientific Advisory Panel, Fitzroy Partnership Scientific Advisory Panel, the DEPI Science Advisory Committee for the Victorian Waterways Management Strategy, Melbourne Water's Waterways Advisory Committee, DEPI Environmental Flows Technical Audit Panel, the Gippsland Lakes and Catchment Task Force, Greening Australia (Victoria), the Great Barrier Reef Water Quality Partnership Science Advisory Panel, EPA Victoria's Science Futures Panel, Yarra Coordinating Committee, the Alligator Rivers Region Technical Committee and the Gippsland Integrated Natural Resources Forum. He was also a member of the the Independent Technical Panel for the Stockman Mine in Victoria, the External Stakeholder Advisory Panel (ESAP) for the Hidden Valley gold mine in PNG, the Victorian Environment Assessment Council (VEAC), the Scientific Reference Committee for the Victorian Government's Land & Biodiversity White Paper, the Expert Advisory Taskforce for the Victorian White Paper (Securing Our Water Future Together), the Victorian Environment Protection Authority Board (EPA), and the Victorian Catchment Management Council (VCMC).

He has also been active in a number of independent expert reviews, the most recent being the Review of the Victorian Long-Term Water Resources Assessment and the [mid-term review](#) of the Commonwealth's Long Term Intervention Monitoring program (March 2018 with Dr Rhonda Butcher). Others include: review of the surface water management and monitoring associated with the Ranger Uranium Mine, NT Australia; review the science at the Arthur Rylah Institute for Environmental Research in Victoria; review of the current and future management of water assets in the Geographe Catchment, WA, for the Minister for Water (March 2014); review of the Victorian Environmental Flows Monitoring and Assessment Program (VEFMAP) (November 2014); and review of the CSIRO Water for a Healthy Country Flagship in 2013.

For more detail see – www.waterscience.com.au

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