

Biography: Richard Kingsford

1. Employer

School of Biological Earth and Environmental Sciences, University of New South Wales, Australia

<http://www.bees.unsw.edu.au/>

Function in Organisation: Professor of Environmental Science (Water, wetlands, waterbirds and rivers)

2. Contact details

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3. Experience

Richard worked as a Principal research scientist with the New South Wales National Parks and Wildlife Service for some time before taking up a position with the School of Biological, Earth and Environmental Sciences, University of New South Wales. His scientific experience includes wetland and waterbird ecology, effects of water resource development on rivers and wetlands. Much of his work has focused on dryland rivers in Australia.

4. Principal research interests

- Conservation of freshwater ecosystems
- Adaptive management of environmental flows
- Effects of water resource development on river systems
- Science, policy and management interactions
- Waterbird ecology

5. Selection of publications

Kingsford, R.T. (ed) (2006). Ecology of desert rivers. Cambridge University Press, Cambridge. ([book brochure pdf](#))

Kingsford, R.T., Lemly, A.D. and Thompson, J.R. (2006). Impacts of dams, river management and diversions on desert rivers. In Ecology of desert rivers, Kingsford, R.T. (Ed.), pp 203-247. Cambridge University Press, Cambridge.

Kingsford, R.T. & Nevill, J. (2006). Urgent need for systematic expansion of freshwater protected areas in Australia. *Pacific Conservation Biology* 12, 7-14.

Kingsford, R.T. and Nevill J. (2005). Scientists recommend a systematic expansion of freshwater protected areas in Australia. *Ecological Management and Restoration* 6: 161-163. For a fuller statement representing the views of 40 Australian scientists see the [Scientists Consensus Statement](#) (pdf).

- Kingsford, R.T. and Auld, K.M. (2005). Waterbird breeding and environmental flow management in the Macquarie Marshes, arid Australia. *Rivers Research and Applications* 21, 187-200.
- Kingsford, R.T., Dunn, H., Love, D., Nevill, J., Stein, J. and Tait, J. (2005) Protecting Australia's rivers, wetlands and estuaries of high conservation value. *Department of the Environment and Heritage, Canberra* <http://www.deh.gov.au/water/publications/protecting-rivers.html>
- Kingsford, R.T. and Thomas, R.F. (2004). Destruction of wetlands and waterbird populations by dams and irrigation on the Murrumbidgee River in arid Australia. *Environmental Management* 34, 383-396.
- Kingsford, R.T., Brandis, K., Thomas, R.F., Knowles, E., Crighton, P., Gale, E. (2004). Classifying landform at broad landscape scales: the distribution and conservation of wetlands in New South Wales, Australia. *Marine and Freshwater Research* 55, 17-31.
- Kingsford, R.T., Jenkins, K.M. and Porter, J.L. (2004). Imposed hydrological stability on lakes in arid Australia and effect on waterbirds. *Ecology* 85, 2478-2492.
- Kingsford, R.T. (2003). Social, institutional and economic drivers for water resource development - a case study of the Murrumbidgee River, Australia. *Aquatic Ecosystem Health and Management* 6, 69-79.