



Environment Institute of  
Australia and New Zealand Inc.

**Title:**

Will vagrancy rates in the movement of migratory bird species increase with human induced environmental changes?

Author: Dr Laurence Knight

Organisation: University of Tasmania

Country: Australia

Email: [laurence.knight@utas.edu.au](mailto:laurence.knight@utas.edu.au)

*Abstract:*

*Migratory bird species balance favourable environmental conditions at their breeding and wintering ranges with migration hazards. Human induced environmental changes are disrupting the movements of migratory species, with a number experiencing population declines. The survival of some species may depend on their capacity to adapt to the changing conditions. It is possible that changes in migratory patterns will result in species being increasingly seen outside their normal ranges. This study investigates confirmed sightings of vagrants by the Birds Australia Rarities Committee as a potential indicator of migratory changes.*