



Professor Hanna Kokko

Biological adaptation under natural and anthropogenic conditions

Current Organisation:	University of Helsinki
Administering Organisation:	The Australian National University
Primary research field:	Evolutionary Biology
National Research Priority:	An Environmentally Sustainable Australia

Professor Hanna Kokko is a Professor of Animal Ecology at the University of Helsinki, Finland and an Adjunct Professor at The Australian National University. She is an internationally recognised leader in both ecology and evolutionary biology. Professor Kokko's work has improved communication between theoreticians and empiricists, and between ecologists and evolutionary biologists.

The aim of Professor Kokko's project is to build a theory of the speed and direction of evolution. Professor Kokko's project will explain why populations adapt or fail to adapt to novel conditions and predict when interventions are beneficial. The research will build on capacity by importing and spreading cutting-edge knowledge of mathematical modelling techniques that allow integrating genetic processes with their evolutionary and ecological consequences.

Professor Kokko was awarded her PhD from the University of Helsinki in Zoology. After obtaining her PhD, Professor Kokko did her postdoctoral studies at the University of Cambridge and University of Glasgow. In recognition of her work, Professor Kokko has been awarded the Outstanding New Researchers Award from the Association for the Study of Animal Behaviour, the Founder's Prize from the British Ecological Society, and the Per Brinck Oikos award as a recognised world leader in ecology.

Professor Kokko has published more than 100 articles in journals such as *Journal of Evolutionary Biology*, *Journal of Animal Ecology*, *Science*, *Trends in Ecology and Evolution*, and *Proceedings of the Royal Society of London*, and two books. She has given a number of keynote speeches and seminars in Europe, America and Australia, and serves on the board of reviewing editors of the journal *Science*.

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