

Short Course: Introduction to Capture-Recapture Methods using Program MARK

6 & 7 April 2010 at Murdoch University

The course is one of a series coordinated by Ken Pollock, Professor of Quantitative Sciences in the Fisheries Centre. Ken's position is supported by FRDC, WA Fisheries and Murdoch University.



This course is presented by Prof Ken Pollock. Kenneth H. Pollock has recently been appointed to a chair in Quantitative Methods in the Fisheries Centre at Murdoch University. Previously he was a professor at North Carolina State University in Statistics, Biomathematics and Biology specializing in quantitative methods for fisheries, wildlife and conservation biology. He is an elected fellow of the American Statistical Association. Ken has worked on many aspects of capture-recapture models especially developing the robust design and has advised biologists on their use in practice. He has also worked on related tag-return and telemetry mortality models which will likely be covered in future workshops.

Course Information:

The course would be suitable for professional scientists and post graduate students especially in ecology and applied ecology including wildlife and fisheries science.

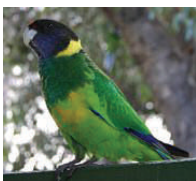
Brief Synopsis of Course:

- Introduction
- Closed Models
 - Focus on methods that allow unequal capture probabilities
- Open Population Models
 - Estimating survival and movement for open populations
 - Estimating abundance and recruitment for open populations
- Combining Closed and Open Population Models
 - Pollock's Robust Design
- Conclusions



Software Use:

Course participants are required to download the free MARK software (<http://warnercnr.colostate.edu/~gwhite/mark/mark.htm>) to their laptop computers before the workshop. During the workshop, after some background lectures participants will work through examples using the software with help from the instructor.



Intermediate Capture-Recapture Workshop:

Venue: Murdoch University, 90 South Street, Murdoch, Longeragan Building, Computer Lab.

Courses run from 9.00am—5.00pm (morning & afternoon tea only supplied)

Fees: 2 day course \$700 + GST = \$770.00 (10% discount for research students)

For further information and registration contact: Ms Marjorie Pashley on Tel (+618) 9360 7585 or email M.Pashley@murdoch.edu.a

Visit the MurdochLINK website: www.murdochlink.com/shortcourses for detail and other available courses.