PacMARA
Pacific Marine Analysis
& Research Association

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Introduction to Marxan Agenda – Shepherdstown, WV

February 3, 2015 – National Conservation Training Center

9:00 – 9:10   Course overview

9:10 – 9:20   Introduction of course participants

9:20 – 10:15   Talk I - Key concepts in systematic conservation planning

10:15 – 10:45   Interactive session I - Planning activity

10:45 – 11:00   Morning break

11:00 – 11:30   Talk II - Case study exercise introduction

11:30 – 12:30   Interactive session II - begin case study exercise (creating Marxan input
                 files)

12:30 – 1:30   Lunch

1:30 – 2:15   Talk III - Marxan case study application

2:15 – 4:30   Interactive session III - Creating Marxan input files continued,

                 parameter setting, setting up the file structure, and running Marxan

9:00 – 9:45   Talk IV - How does Marxan find good solutions?

9:45 – 10:15   Talk V - Zonae Cogito and Simulated Annealing demonstration

10:15 – 10:45   Begin Interactive session IV - Running Marxan with ZC and
                              understanding output files

10:45 – 11:00   Morning break

11:00 – 12:30   Continue Interactive session IV - Running Marxan with ZC and
                              understanding output files

12:30 – 1:30   Lunch

1:30 – 2:15   Talk VI - Marxan case study application

2:15 – 3:00   Interactive session V - Calibration, configuration editor, and cluster
                              analysis

3:00 – 3:30   Talk VII – Introduction to Marxan with Zones

3:30 – 4:30   Continue interactive sessions, question/answer session, extra activities

Instructor:

Trevor Wiens, MSc., owns and operates a small software company which provides tools to collect, manage and use unstructured spatially referenced data from interviews with indigenous land users. Trevor is a GIS instructor with University of Calgary Continuing Education and has conducted Marxan analysis projects in terrestrial, freshwater, marine and mixed environments. Trevor has led Marxan trainings with PacMARA since 2012 and is the developer of QMarxan, which facilitates Marxan use with Quantum GIS software.