



FWS/USGS Decision Analysis Seminar

June 19-23, 2006



Monday, June 19

- 8:00 - 8:45 Welcome and Opening Remarks - *Dan Ashe - FWS*
- *Dave Allen, FWS Regional Director - R1*
- *Sue Haseltine, USGS Associate Director for Biology*
- 8:45 - 9:00 Introduction of Speakers and Agenda - *Jean Cochrane*
- 9:00 - 10:00 Overview of Decision Analysis Context - *Tony Starfield*
- 10:00 - 10:15 Break
- 10:15 - 11:45 Decision Analysis Basics - *Robin Gregory*
- 11:45 - 12:45 Lunch
- 12:45 - 1:45 Decision Analysis Basics (cont.) - *Robin Gregory*
- 1:45 - 2:45 Multi-Objective Decision Analysis - *Lynn Maguire*
- 2:45 - 3:00 Break
- 3:00 - 4:00 Multi-Objective Decision Analysis - *Lynn Maguire*
- 4:00 - 4:45 Discussion - *Tony Starfield*
- 4:45 - 5:00 Introduction of Posters - *Donna Brewer/Mike Runge*

Evening Session: Posters & informal discussion: specific FWS management decision problems

Tuesday, June 20

- 8:00 - 8:30 Insights - *Tony Starfield*
- 8:30 - 10:00 Experts, Expertise & Judgement - *Robin Gregory*
- 10:00 - 10:15 Break
- 10:15 - 12:00 Attitudes about Risk - *Lynn Maguire*
- 12:00 - 1:00 Lunch

- 1:00 - 2:45 Scientific Risk Analysis & Management - *Mark Burgman*
- 2:45 - 3:00 Break
- 3:00 - 3:45 Modeling - *Tony Starfield*
- 3:45 - 4:30 Management-Science Interface - *Tony Starfield*
- 4:30 - 5:00 Management-Science Interface (continued) - *Robin Gregory*
- Evening Session: informal discussion - use of expert opinion

Wednesday, June 21

- 8:00 - 8:30 Insights - *Tony Starfield*
- 8:30 - 9:30 Decision Analysis and Adaptive Management - *Michael Runge*
- 9:30 - 9:45 Break
- 9:45 - 11:15 Adaptive Management - case studies - *Mark Burgman*
- 11:15 - 12:00 Concluding Insights - *Tony Starfield*
- 12:00 - 1:00 Lunch
- 1:00 - 1:45 Overview: FWS experiences with SDM - *Steve Morey/FWS-R1*
- 1:45 - 2:30 Case Study: Chronic Wasting Disease - *Dennis Heisey/USGS*
- 2:30 - 3:00 Break
- 3:00 - 3:45 Case Study: Upper Mississippi River - *Bob Gaugash/USGS*
- 3:45 - 4:30 Case Study: Devil's Hole Pupfish - *John Wullschleger/NPS*
- 4:30 - 5:00 Insights/Discussion - *Tony Starfield/Mark Burgman*
- Evening session: Case Studies (continued)

Thursday, June 22

- 8:00 - 8:45 Insights - *Tony Starfield*
- 8:45 - 9:15 Case Study: Atlantic Salmon - *Mary Parkin / FWS-R5*
- 9:15 - 9:45 Break

- 9:45 - 10:15 Case Study: Barred Owl - *Kristi Young/FWS-R1*
- 10:15 - 10:45 Case Study: Burrowing Owl - *Jeremy Groom/FWS-CNO*
- 10:45 - 11:15 Case Study: Mt. Graham Red Squirrel - *Paul Barrett/R2*
- 11:15 - 11:45 Discussion - Open
- 11:45 - 12:45 Lunch
- 12:45 - 2:15 FWS/USGS Adaptive Management Experience/case studies - *Michael Runge*
- 2:15 - 2:30 Break
- 2:30 - 3:30 How can USGS support FWS decision-making? *Ken Williams*
- 3:30 - 5:00 Where do we go from here? - *Dan Ashe*

Evening sessions: none

Friday, June 23

- 8:00 - 9:30 Decision Analysis Community in Practice Meeting
- 9:30 - 9:45 Break
- 9:45 - 12:00 Decision Analysis Community in Practice (cont.)

Adjourn