

Adaptive Resource Management Conference

8-9 April 2004

Gainesville, Florida

Scientific Program

Format of presentations and discussion

In the tradition of this conference series, we encourage an informal exchange of ideas among all participants. Questions may be posed during or after the presentations; therefore, each speaker is allotted about 1 hour for both presentation and discussion.

Schedule

- **Thursday, 8 April: 8:00 AM - 12:00 PM**

Optimal Monitoring Frequency for Kangaroos: a decision theory approach

Cindy Hauser, Univ. Queensland, Queensland, Australia

Objective-based vegetation management

Scott Sanders, Florida FWCC, Tallahassee, FL; Rob Bennetts, NPS, Bozeman, MT; Susan Jacobson, Univ. Florida, Gainesville, FL

Dual estimation of nonlinear population dynamics using the unscented Kalman filter

Chris Fonnesebeck, Univ. Georgia, Athens, GA

- **12:00 PM - 1:30 PM**

LUNCH (catered)

- **1:30PM - 5:00 PM**

Water conservation and adaptive flow management in an agricultural watershed

Jim Peterson, USGS, Athens, GA

Adaptive flow management of hydropower operations

Maureen Walsh, Univ. Georgia, Athens, GA

- **Friday, 9 April: 8:00 AM - 12:00 PM**

Managing wild and captive populations: optimal translocation strategies

Brigitte Tenhumberg, Univ. Nebraska, Lincoln, NB

Adaptive resource management for endangered species: exploring the concept

Mike Runge, USGS, Laurel, MD

Reintroduction of a nonmigratory whooping crane flock in Florida: integration of population viability modeling, estimation, and adaptive decision making

Clint Moore, USGS, Athens, GA