

# WORKSHOP

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## **Barriers and Bridges in Reconnecting Natural Resource Science and Management**

**Tuesday, March 15 • 1:00 p.m. - 5:00 p.m.**

### **Workshop Organizers:**

**Byron K. Williams**, *The Wildlife Society*

**Doug Austen**, *American Fisheries Society*

**Ron Regan**, *Association of Fish & Wildlife Agencies*

**John Organ**, *U.S.G.S. Cooperative Research Units*

**Jonathan Mawdsley**, *Association of Fish & Wildlife Agencies*

**Keith Norris**, *The Wildlife Society*

### **Workshop Sponsors:**

*Association of Fish & Wildlife Agencies • American Fisheries Society •  
The Wildlife Society • U.S.G.S. Cooperative Research Units • Wildlife  
Management Institute*

### **OVERVIEW:**

This workshop will engage the audience to identify causes of the growing disconnect between natural resource science and management and possible steps that can be taken to re-connect them. It will explore some institutional arrangements in the natural resources profession that have been successful in sustaining linkages between science and management, and some that have not been successful.

Perspectives and insights will be provided by state agency directors, university program leaders and scientists, federal agency leaders, and executive directors of The Wildlife Society and the American Fisheries Society.

Expected outcomes of the workshop will be the identification of the key impediments and challenges in better connecting natural resource science and management, potential approaches in overcoming these barriers, and next steps in building the necessary institutional linkages.

## Workshop Agenda:

Workshop to be moderated and facilitated by Dave Case, *DJ Case & Associates*

1:00 p.m.     **Introduction - Framing the Issues and Identifying Objectives**

John Organ, *USGS Cooperative Research Units*

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### Part 1 – Validating the Problem and Pinpointing the Challenges

1:10 p.m.     **Science Capacity in State Agencies**

Dave Chanda, *New Jersey Dept. of Fish & Wildlife*

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1:25 p.m.     **Changes in University Research and Education**

Steve McMullin, *Virginia Polytechnic Institute and State University*

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1:40 p.m.     **Panel Discussion: Challenges, Barriers, and Concerns in Reconnecting Science and Management**

Bob Ziehmer, *Missouri Department of Conservation*

Nick Wiley, *Florida Fish & Wildlife Conservation Commission*

John Hayes, *Colorado State University and NAUFWP*

Chad Bishop, *University of Montana*

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2:20 p.m.     **Audience Discussion with Panel**

Facilitated by Dave Case, *D.J. Case & Associates*

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2:45 p.m.     ***BREAK***

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### Part 2 - Case Studies: Evaluating the Process of Science and Management Decisions

3:00 p.m.     **U.S. Fish and Wildlife Service perspectives**

Paul Souza, *U.S. Fish & Wildlife Service*

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3:15 p.m.     **Adaptive Harvest Management**

Fred Johnson, *U.S. Geological Survey*

Dale Humburg, *Ducks Unlimited*

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3:30 p.m.     **Fisheries Management Councils**

Kiley Dancy, *Mid-Atlantic Fisheries Management Council*

Rich Seagraves, *Mid-Atlantic Fisheries Management Council*

Chris Moore, *Mid-Atlantic Fisheries Management Council*

Robert Beal, *Atlantic States Marine Fisheries Commission*

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3:45 p.m.     **Lesser Prairie Chicken Conservation**

Dave Haukos, *USGS Cooperative Research Units*

Jeff Prendergast, *Kansas Wildlife, Parks, and Tourism*

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4:00 p.m.     **Audience Discussion**

Facilitated by Dave Case, *D.J. Case & Associates*

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**Part 3 - Analyzing What Works and What Doesn't**

4:15 p.m.     **Take-home Messages - Similarities in Process Challenges  
and Opportunities in Case Studies**

Wendi Weber, *U.S. Fish & Wildlife Service*

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4:35 p.m.     **Final Audience Discussion**

Facilitated by Dave Case, *D.J. Case & Associates*

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**Part 4 - Conclusions and Looking Forward**

4:50 p.m.     **Next Steps in reconnecting natural resources science and  
management**

Ken Williams, *The Wildlife Society*

Doug Austen, *American Fisheries Society*

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5:00 p.m.     **Adjourn**

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