

**Endangered Species Act Jeopardy Determinations in Fisheries Management:  
Past, Present, and Future**

**Panelist Biographies**

**Paul Dalzell**  
**Senior Scientist, Western Pacific Council**

Dalzell gained his bachelor's degree and a master of philosophy degree from the University of Newcastle upon Tyne in England. He has worked extensively on fisheries stock assessments and fishery management in the Pacific islands and Southeast Asia. Together with Council executive director Kitty Simonds, he established the Council's Protected Species Program to minimize the impacts of longline fisheries on turtles, cetaceans, seabirds, and sharks. He is a former chair of the Ecosystem and Bycatch Specialist Working Group of the Western and Central Pacific Fisheries Commission's Scientific Committee and a member of the Hawai'i Monk Seal Recovery Team.

**Gina Shultz**  
**NOAA Fisheries, Endangered Species Act Interagency Cooperation Division**

**Sam Rauch**  
**Acting Assistant Administrator for Fisheries**

Rauch began serving as Deputy Assistant Administrator for Regulatory Programs at NOAA Fisheries in June of 2006. In this capacity he oversees all of NOAA Fisheries' regulatory actions, including those to support protected resources, sustainable fisheries, and habitat conservation. From January 2004 to June of 2006, Rauch served as the Assistant General Counsel for Fisheries where he supervised a team of attorneys, paralegals, and support staff responsible for providing legal counsel to the NOAA Fisheries. Prior to joining NOAA Fisheries he served as a trial attorney and the Assistant Section Chief for the Wildlife and Marine Resources Section of the Environment and Natural Resources Division for the United States Department of Justice. In this role, he either conducted or managed most of the litigation brought against NOAA Fisheries Service. The immediate future will bring new challenges for him as the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2006, signed into law on January 12, 2007. Rauch holds a J.D. from Northwestern School of Law of Lewis & Clark College, and M.S. from University of Georgia, and a B.A. from University of Virginia. He has also been the recipient of many honors during his career, including: NOAA General Counsel's Award (1998, 2002, 2004, 2005); and Department of Justice Special Achievement Awards (1997, 1998, 2000, 2002).

**Keith Rizzardi**  
**MAFAC Chair & Professor, St. Thomas University School of Law**

Keith Rizzardi, a Florida lawyer, serves as Chair of the Marine Fisheries Advisory Committee and publishes a law blog (ESAblog.com) and a Twitter feed (@ESALawyer) discussing the Endangered Species Act. Board certified by The Florida Bar in State & Federal Administrative Practice, he is a law professor at St. Thomas University near Miami and Special Counsel at Jones Foster Johnston & Stubbs in West Palm Beach. Rizzardi has served as a trial attorney for the U.S. Department of Justice, as a Managing Attorney for the South Florida Water Management District, as Chair of The Florida Bar Government Lawyer Section, and as an airboat tour guide in the Everglades. Showing his interest in sea turtle conservation, Rizzardi (and his wife) also volunteered to collect sea turtle nesting data in Palm Beach County, Florida. He has earned degrees and certifications from the University of Florida (law), Florida Atlantic University (public administration), University of Virginia (government) and the University of Notre Dame (negotiation).

**Kevin Stokes**

**Director, stokes.net.nz Ltd**

Stokes is a fisheries management science specialist with wide international experience across a range of fisheries regimes and fisheries types. He has over 25 years experience in fisheries management and fisheries science, having worked for government and industry as well as providing consultancy services to a wide range of international clients. Stokes is experienced in strategic and operational policy, and in science process and governance design, but has specialized experience in the delivery, management and review of fisheries management science. He is experienced in stock assessment and harvest strategy design, evaluation and implementation for a wide range of fish stocks. He holds a degree in Biology and Psychology (University of Stirling) and a PhD in Applied Physics (Strathclyde University, Glasgow). He is based in Wellington, New Zealand, and is the Director of stokes.net.nz Ltd.