

An Overview of Structured Decision Making

Instructor Contact Information

Michael C. Runge

USGS Patuxent Wildlife Research Center
12100 Beech Forest Road
Laurel, MD 20708

Phone: 301.497.5748

Email: mrunge@usgs.gov



Michael C. Runge is a research ecologist with the USGS Patuxent Wildlife Research Center where his primary responsibilities include research on problems in quantitative ecology related to adaptive management of wildlife resources. Duties include development and evaluation of principles and theories of adaptive resource management, development and implementation of large-scale management experiments, development of novel applications of adaptive management, technical support for ongoing applications of adaptive management, and development and implementation of other quantitative methods for wildlife management. Areas of Expertise/Interest: adaptive resource management; harvest management models; population modeling; matrix models; ecology and management of ground squirrels, manatees, and beavers; large-scale management experiments; biometrics; mathematical ecology. Mike received his BA in Biology and Philosophy from John Hopkins University in 1989, his M.A.T. in Secondary Education and Biology from Spalding University in 1994 and his Ph.D in Natural Resources from Cornell University in 1999. For additional information please go to the following website: <http://www.pwrc.usgs.gov/staff/profiles/documents/runge.htm>

Sarah Converse

USGS Patuxent Wildlife Research Center
12100 Beech Forest Road
Laurel, MD 20708

Phone: 301.497.5635

Email: sconverse@usgs.gov



Sarah Converse is a research ecologist in the Wildlife Research Group at USGS Patuxent Wildlife Research Center. Her research program is built around 2 themes: quantitative population ecology of endangered species, and decision analysis applications in endangered species management. Sarah also serves in a scientific advisory role for the whooping crane captive breeding program at Patuxent and is involved in whooping crane research and management in both captive and wild populations. She has published more than 30 research articles, book chapters, and peer-reviewed reports. Sarah collaborates regularly with managers in the USFWS and other federal and state agencies. She also advises graduate students and postgraduate research associates. Sarah was a lead developer of a 5-day course, Introduction to Structured Decision Making, offered through the National Conservation Training Center, and of a 2-day version of the course, An Overview of Structured Decision Making. Sarah has a B.S in Fishery and Wildlife Biology from Michigan State University, an M.S. in Natural Resources Sciences from the University of Nebraska, and a Ph.D. in Wildlife Ecology from Colorado State University. Formerly, she was a post-doctoral research associate in the Quantitative Methods Research Group at Patuxent. For more information, go to: <https://profile.usgs.gov/professional/mypage.php?name=sconverse>