

# Curriculum Vitae

## Robert T. Lackey

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## ACADEMIC BACKGROUND

BS, Fisheries Science (*with high honor*), Humboldt State University, 1967  
MS, Zoology (Statistics Minor), University of Maine, 1968  
PhD, Fisheries and Wildlife Science (Statistics Minor), Colorado State University, 1971

## CURRENT PROFESSIONAL AFFILIATIONS

- **Professor**, Department of Fisheries and Wildlife, Oregon State University, 1982-date
- **Professor**, Graduate Faculty, Oregon State University, 1982-date
- **Professor (Adjunct)**, Department of Political Science, Oregon State University, 1995-date
- **Professor (Adjunct)**, Water Resources Graduate Program, Oregon State University, 1995-date
- **Professor (Adjunct)**, Environmental Sciences Graduate Program, Oregon State University, 2000-date
- **Professor (Adjunct)**, Marine Resource Management Program, 2003-date
- **Professor (Adjunct)**, Master of Natural Resources Program, 2011-date

## SCIENTIFIC AND TECHNICAL PUBLICATIONS (list available upon request)

- Peer reviewed journal articles and book chapters (120+ published)
- Books (authored one; edited four)
- Monographs and published major scientific reports (6 published)

## PAST PROFESSIONAL AFFILIATIONS

- **Senior Fisheries Biologist**, *National Health and Environmental Effects Research Laboratory, US Environmental Protection Agency, Corvallis, 2000-08*
- **Chief (Acting)**, *Watershed Ecology Branch, EPA Western Ecology Division, Corvallis, March, 2002 - August, 2003*
- **Visiting Professor of Natural Resources**, *University of Northern British Columbia, January - July, 2000*
- **Associate Director for Science**, *Western Ecology Division, National Health and Environmental Effects Research Laboratory, US Environmental Protection Agency, Corvallis, 1995-2000*
- **Associate Director**, *Center for Analysis of Environmental Change, Oregon State University, 1991-97*
- **Deputy Director**, *EPA Environmental Research Laboratory, Corvallis, 1989-95*
- **Chief (Acting)**, *Coastal Ecology Branch, EPA Western Ecology Division, Newport, Oregon, March - August, 1997*
- **Director (Acting)**, *EPA Environmental Research Laboratory, Corvallis, January - December, 1995*
- **Senior Science Advisor**, *National Biological Service, USDI, Washington, DC, October, 1993 - January, 1994*
- **Chief (Acting)**, *Program Operations, EPA Environmental Research Laboratory, Corvallis, September - October, 1991*
- **Chief (Acting)**, *Ecotoxicology Branch, EPA Environmental Research Laboratory, Corvallis, January - September, 1991*
- **Chief (Acting)**, *Watershed Branch, EPA Environmental Research Laboratory, Corvallis, July - December, 1990*
- **Chief**, *Terrestrial Branch, EPA Environmental Research Laboratory, Corvallis, 1987-89*
- **Associate Chief**, *Air Branch, EPA Environmental Research Laboratory, Corvallis, 1984-87*
- **Senior Ecologist**, *US Fish and Wildlife Service (detailed to EPA Research Laboratory, Corvallis), 1981-84*
- **Leader**, *National Water Resources Analysis Group, US Fish and Wildlife Service, Leetown, West Virginia, 1979-81*
- **Program Coordinator - Environmental Protection**, *US Fish and Wildlife Service, Washington, DC, 1976-77 (one-year sabbatical from Virginia Tech)*
- **Visiting Professor of Biology**, *George Mason University, Fairfax, Virginia, Spring Semester, 1977*
- **Section Leader, Fisheries Science**, *Virginia Tech, 1971-72, 1975-76*
- **Assistant/Associate Professor of Fisheries Science**, *Department of Fisheries and Wildlife Sciences, (promoted and tenured, 1974) Virginia Tech, 1971-79*

## UNIVERSITY TEACHING EXPERIENCE

- Ecological Policy (graduate course) [Oregon State University] (1993-date)
- Future of Pacific Northwest Wild Salmon (graduate course) [Oregon State University] (2008)
- Ecological Risk Assessment (senior/graduate course - team taught) [Oregon State University] (2004)
- Integrated Natural Resource Management (graduate course) [University of Northern British Columbia] (2000)
- Science, Policy, and Environmental Protection (graduate course) [Oregon State University] (1991-92)
- Biological Resource Management (graduate course) [George Mason University] (1977)
- Fisheries Theory (graduate course) [Virginia Tech] (1971-79)
- Natural Resources Management (undergraduate course - team taught) [University of Michigan] (1978)
- Fisheries and Wildlife Planning (graduate course) [Virginia Tech] (1971-79)
- Systems Ecology (undergraduate course) [Virginia Tech] (1978)
- Introductory Fisheries Science (undergraduate course) [Virginia Tech] (1971-79)

## **CONSULTING EXPERIENCE** (includes only paid university consulting assignments)

- Martin-Marietta Corporation (1970)
- Stern and Rodgers (1971)
- Colorado Ecological Associates (1971)
- Tennessee Valley Authority (1972)
- Tidewater Virginia Properties (1973)
- Virginia Electric and Power Company (1973)
- Cornell University Press (1973)
- Law Engineering Testing Company (1973-74)
- Snowshoe, Inc. (1974-75)
- Virginia Trout Company (1974-76)
- Brandermill Corporation (1974-76)
- US Fish and Wildlife Service (1975)
- US Army Corps of Engineers (1975)
- Southside Electric Cooperative Foundation (1975-76)
- National Science Foundation (1975-76)
- Resource Consultants, Inc. (1976)
- National Park Service, for the Government of Egypt (1977)
- US Fish and Wildlife Service (1977-78)
- Battelle, Columbus Laboratories (1978)
- U.S. Forest Service (1978)
- Gordon and Betty Moore Foundation (2009)
- MacArthur Foundation (2010)
- Gordon and Betty Moore Foundation (2011)
- The Nature Conservancy of California (2011)

## **INTERNATIONAL PROFESSIONAL EXPERIENCE** (includes only professional assignments)

- Egypt (1977, 1993) - Improved management of national parks to protect treaty-protected bird species
  - Initiation of program to reduce greenhouse gas emissions
- Russia (1992) - Initiation of program to reduce greenhouse gas emissions
- Ethiopia (1993) - Initiation of program to reduce greenhouse gas emissions
- Zimbabwe (1993) - Initiation of program to reduce greenhouse gas emissions

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES AND ORGANIZATIONS**

- American Fisheries Society (member since 1964; certified fisheries scientist, 1973; Fellow, 2016)
- American Institute of Fishery Research Biologists (member since 1973; Fellow, 1990)
- Ecological Society of America (1985-2002)
- International Association for Ecology (1985-2000)
- Pacific Fishery Biologists (1990-2004)
- Association of Ecosystem Research Centers - Alternate Laboratory Representative (1989-97)

## **RESEARCH GRANTS AWARDED** (awarded 16 university research grants)

- US Department of Interior, Office of Water Resources Research (1971-74)
- Virginia Commission of Game and Inland Fisheries (1971-72, 1971-73, 1972-74, 1976-77)
- Celanese Corporation (1971-73)
- US Department of Agriculture (1971-74, 1974-79)
- Virginia Electric and Power Company (1971-74)
- Appalachian Power Company (1972-75, 1978-80)
- West Virginia Department of Natural Resources (1972-76)
- US Fish and Wildlife Service (1973-74, 1976-79)
- Bass Research Foundation (1974-77)
- Virginia Water Resources Research Center (1975-76)

## **PARTICIPATION IN PROFESSIONAL SOCIETIES AND ORGANIZATIONS**

- Secretary-Treasurer, Colorado-Wyoming Chapter - AFS (1970-71)
- Student Affairs Committee - AFS (1971-73)
- Environmental Science Section - Virginia Academy of Science (1971-79)
- Professional Education Standards Committee - AFS (1972-73)
- Program Chairman, Annual Meeting, Southern Division - AFS (1975)
- Committee on Curricula - AIFRB (1975)
- Publications Policy Committee - AFS (1978)
- Water Quality Committee - AFS (1980-82)
- Board of Professional Certification - AFS (1986-89)
- Environmental Concerns Committee - AFS (1988-90)
- Equal Opportunities Committee - AFS (1989-92)
- Publications Award Committee - AFS (1990)
- Equal Opportunities Section - AFS (1992-96)
- Excellence in Education Award Committee - AFS (1992-96)
- Continuing Education Coordinating Committee - Northwest Forestry Consortium (1995-99)
- Meritorious Service Award Committee - AFS (1996-98)
- Award of Excellence Committee - AFS (1986, 1992-96, 1998-2000)
- Education Section - Organizing Committee, Charter Member - AFS (1978-date)
- Oregon Chapter - AFS (1981-date)

## **GRADUATE STUDENT ADVISING**

- Master of Science Students, Major Professor (24 degrees awarded)
- Doctoral Students, Major Professor (2 degrees awarded)
- Graduate Student Advisory Committees (served on approximately 60)

## GRADUATE STUDENTS ADVISED (with thesis or project titles)

- **Boaze, John L.** (MS, 1972)  
*"Effects of Landlocked Alewife Introduction on White Bass and Walleye Populations, Claytor Lake, Virginia"*
- **Schulte, Thomas L.** (MS, 1973)  
*"Effect of Rate of Water Discharge on Phytoplankton in Claytor Lake, Virginia"*
- **Douglass, Vaughn M.** (MS, 1973)  
*"Experimental Cage Culture of Channel Catfish in Virginia"*
- **Bryson, William T.** (MS, 1973)  
*"Restocking after Fishkills as a Fisheries Management Strategy"*
- **Titlow, Franklin B.** (MS, 1973)  
*"DAM: A Computer-Implemented Water Resource Teaching Game"*
- **Hammond, Dennis E.** (MS, 1974)  
*"Analysis of Catchable Trout Fisheries Management by Computer Simulation"*
- **Zuboy, James R.** (MS, 1974)  
*"STOCKS: A Computer Simulation Model of a Multispecies Lake Fishery"*
- **Clark, Richard D.** (MS, 1974)  
*"PISCES: A Computer Simulator to Aid Planning in State Fisheries Management Agencies"*
- **Powers, Joseph E.** (PhD, 1975)  
*"Determining Optimal Policies for Management of an Aquatic Ecosystem"*
- **Hampton, Ed L.** (MS, 1975)  
*"Managerial Implications of Angler Preferences and Fisheries Management Objectives"*
- **Martel, Gary F.** (MS, 1976)  
*"A Computerized Method of Evaluating Environmental Impact Associated with Proposed Dam Construction"*
- **Jester, Douglas B.** (MS, 1977)  
*"A Generalized Population Dynamics Theory for Largemouth Bass Fisheries"*
- **Hubert, Wayne A.** (PhD, 1979)  
*"Distribution of Smallmouth Bass in Pickwick Reservoir, Alabama"*
- **Meengs, Chad C.** (MS, 2004)  
*"Estimating the Size of Historical Coastal Oregon Salmon Runs"*
- **Courter, Ian I.** (MS, 2005)  
*"Salmon Recovery in the Pacific Northwest: Defining What Constitutes a Wild Salmon"*
- **Mintkeski, Tyler G.** (MS, 2006)  
*"The Utility of a Decision-Support Model to Assess Watershed Condition in Salmon Recovery"*
- **Comfort, Cynthia L.** (MS, 2011)  
*"Policy and Project Management: Administrative and Professional Skills Development"*
- **Franks, Sierra E.** (MS, 2012)  
*"Forecasting the Most Likely Status of Wild Salmon in the Central Valley of California in 2100"*
- **McLay, Steven N.** (MS, 2013)  
*"Oregon Military Department: Revising the Natural Resource Policy Document"*
- **Cook, Amy L.** (MS, 2014)  
*"An Evaluation of Collaborative Problem Solving in Wicked Natural Resource Problems"*
- **Nolan, Christopher D.** (MS, 2016)  
*"Developing a Fisheries Law/Policy Course for an Undergraduate Study Abroad Organization"*
- **Sheridan, Thomas M.** (PSM, 2017)  
*"An Evaluation of Collaborative Salmon Fishery Management in Prince William Sound, Alaska"*
- **Derby, Mona E.** (PSM, 2018)  
*"Converting a Fish Hatchery to a Fisheries Research Center: Lessons Learned from a Six Decade Transition"*
- **Rice, Robert J.** (PSM, 2019)  
*"Fishery Policy Today: Perspectives from Oregon, Washington (DC), and Saskatchewan"*
- **Crittenden, Whitney L.** (PSM, 2020)  
*"Salmon Management in Southeast Alaska: An Examination of Multi-Dimensional Management"*
- **Jackson, Elizabeth R.** (PSM, 2021)  
*"How Federal Employees Manage the Challenge of Implementing the Endangered Species Act"*

## PROFESSIONAL RECOGNITION

- *Recipient*, eight undergraduate merit-based academic scholarships (1962-67)
- *Awarded*, Bachelor of Science with high honor (1967)
- *Recipient*, University of Maine Graduate Research Assistantship (1967-68)
- *Recipient*, Colorado State University NDEA Graduate Fellowship (1968-71)
- *Elected*, Sigma Xi, elected to full membership (1969)
- *Outstanding Research Paper*, Colorado-Wyoming Chapter, AFS (1971)
- *Elected*, American Men and Women of Science (1971)
- *Certified Fisheries Scientist*, American Fisheries Society (1973)
- *Member*, Secretary of Interior's "Scientific Advisory Board on Fish, Wildlife, and Parks" (1975-76)
- *Commendation Award*, Sport Fishing Institute (1975)
- *Visiting Distinguished Professor*, University of Michigan (two weeks) (1978)
- *Associate Editor*, Transactions of the American Fisheries Society (1977-79)
- *Commendation*, US Fish and Wildlife Service (1981)
- *Bronze Medal*, Acid Rain Aquatic Research Team, EPA (1983)
- *Commendation*, US Fish and Wildlife Service (1984)
- *Distinguished Alumnus*, Humboldt State University (1986)
- *Excellence in Management Award*, Office of Research and Development, EPA (1987)
- *Postdoctoral Advisor*, National Research Council, Research Associate Program (1987-2008)
- *Fellow*, American Institute of Fishery Research Biologists (elected 1990)
- *Editorial Board*, Human and Ecological Risk Assessment (1995-2004)
- *Scientific and Technological Achievement Award for a Scientific Publication*, EPA (1996)
- *Consulting Editor*, Journal of Aquatic Ecosystem Stress and Recovery (1997-2003)
- *Scientific and Technological Achievement Award for a Scientific Publication*, EPA (1999)
- *Fulbright Scholar* (1999-00)
- *Honorarium Award* (\$5,000), Innovative Science in Salmon Restoration, Portland State University (2000)
- *Associate Editor*, book: "Managing for Healthy Ecosystems" (2000-2002)
- *Associate Science Editor*, Fisheries, American Fisheries Society (2000-2009)
- *Scientific and Technological Achievement Award for a Scientific Publication*, EPA (2000)
- *2001 Honor Alumnus*, College of Natural Resources, Colorado State University (2001)
- *Scientific and Technological Achievement Award for a Scientific Publication*, EPA (2001)
- *Member*, Editorial Board, Renewable Resources Journal, (2002-date)
- *2003 Science Achievement Award for Biology/Ecology*, EPA (2003)
- *Bronze Medal*, Endangered Species Litigation Team, EPA (2003)
- *2004 Science Communication Award*, Office of Research and Development, EPA (2004)
- *Future Issues Award*, National Health and Environmental Effects Research Laboratory, EPA (2004)
- *Leadership in the Environmental Research Community Award*, NHEERL, EPA (2005)
- *Gold Medal for Exceptional Service*, US Environmental Protection Agency (2008)
- *Fellow*, American Fisheries Society (2016)

## PROMOTION AND TENURE COMMITTEE PARTICIPATION (since 1996)

- External Evaluator — *Oregon State University* (1996, 1998)
- External Evaluator — *Duke University* (1997)
- External Evaluator — *Mississippi State University* (1998)
- External Evaluator — *University of Waterloo* (2000)
- External Evaluator — *University of Wyoming* (2000)
- External Evaluator — *University of Oklahoma* (2001)
- External Evaluator — *US Geological Survey* (2001)
- External Evaluator — *Virginia Tech* (2003)
- External Evaluator — *Duke University* (2005)
- External Evaluator — *University of Vermont* (2005)
- External Evaluator — *University of California, Davis* (2008)
- External Evaluator — *University of Alberta* (2017)

## SCIENTIFIC PEER REVIEW (since 1993)

- **Member - Scientific Peer Review Panel** - “*Ecological Assessment and Sustainability Program*” - Western Center for Comparative Risk, University of Colorado, Boulder, Colorado (1994)
- **Member - Scientific Peer Review Panel** - “*Ecological Monitoring of the Upper Mississippi River*” - Environmental Monitoring Technical Center, US Geological Survey, Onalaska, Wisconsin (1996)
- **Member - Scientific Review Team** - “*Tongass National Forest Land Management Plan*” - Pacific Northwest Research Station, US Forest Service (1997)
- **Member - Scientific Peer Review Panel** - *Internal Grant Competition* - “*Forest and Rangeland Ecosystem Science Center*” - United States Geological Survey, Corvallis, Oregon (1998)
- **Member - Scientific Peer Review Panel** - “*Multiple Stressors in Ecological Risk and Impact Assessment: Approaches to Risk Estimation*” - International Risk Science Institute, Washington, DC (1999)
- **Member - Scientific Peer Review Panel** - *Research Grant Competition* - “*Northern Land Use Institute*” - University of Northern British Columbia, Prince George, British Columbia (2000)
- **Member - Fisheries Expert Review Team** - “*The Canada Foundation for Innovation*” - Vancouver, British Columbia (2000)
- **Scientific Reviewer - Natural Sciences and Engineering Research Council of Canada** - Research grant competition - science referee (multiple grant proposals) - Ottawa, Ontario (2001-03)
- **Scientific Reviewer - Wild Salmon Policy** - *Canadian Department of Fisheries and Oceans*, Pacific Biological Station, Nanaimo, British Columbia (2001)
- **Scientific Reviewer - Scientific book manuscript** - *CRC/Lewis Publishers*, Boca Raton, Florida (2002)
- **Scientific Reviewer - Scientific book manuscript** - *John Wiley and Sons, Publishers*, Hoboken, New Jersey (2006)
- **Member - Independent Evaluation Team** - “*Wild Salmon Ecosystems Initiative*” - Gordon and Betty Moore Foundation, Palo Alto, California (2009)
- **Scientific Reviewer - Portuguese Foundation for Science and Technology** - “*Natural and Environmental Sciences Research Proposals*” (2012)
- **Scientific Reviewer - Qatar National Research Fund** - “*Annual Competition for Scientific Research Funding in Agricultural and Life Sciences*” (2012, 2013, 2014, 2015, 2018, and 2020)
- **Scientific Reviewer - Genome British Columbia** – “*2020 National Applied Research Project Competition*” (2020)

## SCIENTIFIC ADVICE (since 1993)

- **Member - Interagency Advisory Committee** - “Northwest Forest Plan” - US Forest Service, Portland, Oregon (1994-2007)
- **Participant - Workshop** - “Guidelines for Improving Decision Making at the Intersection of Ecology and Policy” - US Forest Service, Rensselaerville, New York (1996)
- **Participant - Workshop** - “Multi-Stakeholder Involvement in Ecological Risk Management” - Society of Environmental Toxicology and Chemistry, Williamsburg, Virginia (1997)
- **Participant - Pellston Workshop** - “Oviparous Vertebrates: Mechanisms, Ecological Consequences, and Assessments of Risk” - Society of Environmental Toxicology and Chemistry, Gregson, Montana (1997)
- **Participant - Workshop** - “Scaling Up the Frame: Multiple Stressors and Risk Assessment in Whole Ecosystems” - Water Environment Research Foundation, Lansdowne, Virginia (1997)
- **Member - Forestry Research Advisory Council (FRAC)** - “United States Department of Agriculture” - Cooperative State Research, Education, and Extension Service, Washington, DC (1997-2001)
- **Member - Board of Practitioners (Outside Advisory Group)** - “Department of Botany and Plant Pathology” - Oregon State University, Corvallis, Oregon (1998)
- **Delegate - Natural Resources Congress** - “Human Population Growth: Impacts on the Sustainability of Renewable Natural Resources” - Renewable Natural Resources Foundation, Washington, DC (1998)
- **Participant - Workshop** - “Integrating Ecosystems and Economics” - University of Wyoming, Laramie, Wyoming (1999)
- **Member - Interagency Salmon Science Team** - “Committee on Environment and Natural Resources” - National Science and Technology Council, Washington, DC (1999-2004)
- **Delegate - Natural Resources Congress** - “Promoting Sustainability in the 21<sup>st</sup> Century” - Renewable Natural Resources Foundation, Portland, Oregon (2000)
- **Panelist and Presenter - Symposium** - “Integrated Decision-Making for Watershed Management” - Virginia Tech, Chevy Chase, Maryland (2001)
- **Member - Scientific Advisory Board** - “Center for Water and Environmental Sustainability (CWES)” - Oregon State University, Corvallis, Oregon (2001-06)
- **Member - Research Planning Workgroup** - “Fish Deformities in the Willamette River, Oregon” - Natural Resources Institute, Oregon State University, Corvallis, Oregon (2001)
- **Member - Futures Team** - “Taking the Future Seriously” - Oregon State University, Corvallis, Oregon (2001-2002)
- **Participant - Research Planning Workshop** - “Cooperative Watershed Research Symposium” - National Marine Fisheries Service, Leavenworth, Washington (2002)
- **Participant - Research Planning Workshop** - “Watershed-based Ecological Risk Assessment of Pesticide Use in Western Oregon” - Oregon State University, Salem, Oregon (2003)
- **Plenary Panelist and Presenter - Conference** - “A Kaleidoscope of Options for Undergraduate Environmental Programs” - Council of Environmental Deans and Directors, Portland, Oregon (2003)
- **Panelist and Presenter - Conference** - “Science, Scientists, and Policy Advocacy in an Ecological Research Organization” - Annual Meeting of the Cooperative Fisheries and Wildlife Research Units, US Geological Survey, March 1-3, Jacksonville, Florida (2005)
- **Member - Aquacultural and Fisheries Science Advisory Team** - “Cooperative Research Support Program” - Oregon State University, Corvallis, Oregon (2006-2008)
- **Member - External Advisory Board** - “Water Resources Graduate Program” - Oregon State University, Corvallis, Oregon (2008-date)
- **Member - Advisory Board** - “Professional Science Master’s Degree in Fisheries and Wildlife Administration” - Oregon State University, Corvallis, Oregon (2011-date)
- **Member - Ad Hoc Committee** - “Increasing the Impact of Government Affairs Activities” - The Wildlife Society, Washington, DC (2012-13)
- **Member - Advisory Committee** - “Science Advisory Council” - American Water Resources Association, Middleburg, Virginia (2016-17)
- **Member - Advisory Board** - “Environmental Sciences Graduate Program” - Oregon State University, Corvallis, Oregon (2023-date)

## SCIENTIFIC CONFERENCE AND SYMPOSIUM COMMITTEES (since 1993)

- **Member - Steering Committee** - *"Symposium: Pacific Salmon and Their Ecosystems: Status and Future Options"* - University of Washington, January 10-12, Seattle, Washington (1994)
- **Member - Program Committee** - *"Symposium: Ecological Risk Assessment: Use, Abuse, and Alternatives"* - Oregon State University, Corvallis, Oregon (1994)
- **Member - Program Committee** - *"Symposium: Research Advances in Risk Assessment"* - US Environmental Protection Agency, Research Triangle Park, North Carolina (1998)
- **Member - Program Development Committee** - *"International Congress on Ecosystem Health"* - International Society for Ecosystem Health, Sacramento, California (1999)
- **Member - Program Committee** - *"Symposium: Indicators in Health and Ecological Risk Assessment"* - US Environmental Protection Agency, Research Triangle Park, North Carolina (2000)
- **Member - Organizing Committee** - *"Symposium: Fish — and Fish Managers — at Risk: Evaluating the Appropriateness of Models for Risk Assessment and Decision-Making"* - Conference: Toward Ecosystem-Based Management: Breaking Down the Barriers in the Columbia River Basin and Beyond, Spokane, Washington (2002)
- **Member - Steering Committee** - *"Monitoring the Status of Salmon Around the Pacific Rim"* - Interagency Planning Committee (2002-04)
- **Co-organizer - Symposium** - *"The Salmon 2100 Project: How to Sustain Significant, Sustainable Runs of Wild Salmon Through 2100"* - Annual Meeting, Oregon Chapter, American Fisheries Society, Corvallis, Oregon (2005)
- **Co-organizer - Symposium** - *"The Salmon 2100 Project: How to Sustain Significant, Sustainable Runs of Wild Salmon Through 2100"* - Annual Meeting, American Fisheries Society, Anchorage, Alaska (2005)
- **Co-organizer - Symposium** - *"The Salmon 2100 Project: How to Sustain Significant, Sustainable Runs of Wild Salmon Through 2100"* - Annual Meeting, American Water Resources Association, Seattle, Washington (2005)
- **Co-organizer - Conference** - *"The Salmon 2100 Project: The Future of Wild Pacific Salmon"* - Conference, Portland, Oregon (2006)
- **Co-organizer - Symposium** - *"Advocacy in Conservation Science"* - Annual Conference of the Society for Conservation Biology, San Jose, California (2006)



# Publications

## Robert T. Lackey

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WEB SITE: <http://blogs.oregonstate.edu/lackey/>

## TECHNICAL ARTICLES

1. Lackey, Robert T. 1968. Vertical gill nets for studying depth distribution of small fish. *Transactions of the American Fisheries Society*. 97(3): 296-299.
2. Lackey, Robert T. 1969. Food interrelationships of salmon, trout, alewives, and smelt in a Maine lake. *Transactions of the American Fisheries Society*. 98(4): 641-646.
3. Lackey, Robert T. 1970. Observations on newly introduced landlocked alewives in Maine. *New York Fish and Game Journal*. 17(2): 110-116.
4. Lackey, Robert T. 1970. Seasonal depth distributions of landlocked Atlantic salmon, brook trout, landlocked alewives, and American smelt in a small lake. *Journal of the Fisheries Research Board of Canada*. 27(9): 1656-1661.
5. Lackey, Robert T., and Bruce E. May. 1971. Use of sugar flotation and dye to sort benthic samples. *Transactions of the American Fisheries Society*. 100(4): 794-797.
6. Lackey, Robert T. 1972. A technique for eliminating thermal stratification in lakes. *Water Resources Bulletin, Journal of the American Water Resources Association*. 8(1): 46-49.
7. Lackey, Robert T., and Donald W. Holmes. 1972. Evaluation of two methods of aeration to prevent winterkill. *Progressive Fish-Culturist*. 34(3): 175-178.
8. Lackey, Robert T. 1972. Response of physical and chemical parameters to eliminating thermal stratification in a reservoir. *Water Resources Bulletin, Journal of the American Water Resources Association*. 8(3): 589-599.
9. Schreck, Carl B., Robert T. Lackey, and M. Lloyd Hopwood. 1972. Evaluation of diel variation in androgen levels of rainbow trout, *Salmo gairdneri*. *Copeia*. 72(4): 865-868.

10. Schreck, Carl B., Robert T. Lackey, and M. Lloyd Hopwood. 1973. Plasma oestrogen levels in rainbow trout *Salmo gairdneri* Richardson. *Journal of Fish Biology*. 5(1): 227-230.
11. Lackey, Robert T. 1973. Effects of artificial destratification on zooplankton in Parvin Lake, Colorado. *Transactions of the American Fisheries Society*. 102(2): 450-452.
12. Lackey, Robert T. 1973. Artificial reservoir destratification effects on phytoplankton. *Journal of the Water Pollution Control Federation*. 45(4): 668-673.
13. Titlow, Franklin B., and Robert T. Lackey. 1973. Computer-assisted instruction in natural resource management. *Proceedings of the Southeastern Association Game and Fish Commissioners*. 26: 500-505.
14. Lackey, Robert T. 1973. Innovative teaching in fisheries science. *Transactions of the American Fisheries Society*. 102(3): 647-648.
15. Lackey, Robert T. 1973. Bottom fauna changes during artificial reservoir destratification. *Water Research, Journal of the International Association of Water Pollution Research*. 7(9): 1349-1356.
16. Douglass, Vaughn M., and Robert T. Lackey. 1973. Potential of channel catfish production in Virginia. *Virginia Journal of Science*. 24(2): 89-92.
17. Holmes, Donald W., Vaughn M. Douglass, and Robert T. Lackey. 1974. Pond and cage culture of channel catfish in Virginia. *Journal of the Tennessee Academy of Science*. 49(2): 74-78.
18. Schulte, Thomas L., and Robert T. Lackey. 1974. Effect of rate of water discharge on phytoplankton in Claytor Lake, Virginia. *Proceedings of the Southeastern Association Game and Fish Commissioners*. 27: 402-414.
19. Zuboy, James R., Robert T. Lackey, Norville S. Prosser, and Raymond V. Corning. 1974. Computerized creel census system for use in fisheries management. *Proceedings of the Southeastern Association Game and Fish Commissioners*. 27: 570-574.
20. Titlow, Franklin B., and Robert T. Lackey. 1974. DAM: a computer-implemented water resource teaching game. *Transactions of the American Fisheries Society*. 103(3): 601-609.
21. Boaze, John L., and Robert T. Lackey. 1974. Age, growth, and utilization of landlocked alewives in Claytor Lake, Virginia. *Progressive Fish-Culturist*. 36(3): 163-164.
22. Lackey, Robert T. 1974. Priority research in fisheries management. *Wildlife Society Bulletin*. 2(2): 63-66.
23. Douglass, Vaughn M., and Robert T. Lackey. 1974. Experimental cage culture of channel catfish strains in Virginia. *Virginia Journal of Science*. 25(3): 141-146.
24. Powers, Joseph E., and Robert T. Lackey. 1975. Interaction in ecosystems: a queuing approach to modeling. *Mathematical Biosciences*. 25(1-2): 81-90.

25. Clark, Richard D., Jr., and Robert T. Lackey. 1975. Managing trends in angler consumption in freshwater recreational fisheries. *Proceedings of the Southeastern Association Game and Fish Commissioners*. 28: 367-377.
26. Lackey, Robert T., Joseph E. Powers, and James R. Zuboy. 1975. Modeling to improve management of bass fisheries. In: *Black Bass Biology and Management*, Sport Fishing Institute, Washington, DC, pp. 430-435.
27. Lackey, Robert T. 1975. Fisheries and ecological models in fisheries resource management. In: *Ecological Modeling*, Clifford S. Russell, Editor, Resources for the Future, Inc., Washington, DC, pp. 241-249.
28. Bryson, William T., Robert T. Lackey, John Cairns, Jr., and Kenneth L. Dickson. 1975. Restocking after fishkills as a fisheries management strategy. *Transactions of the American Fisheries Society*. 104(2): 256-263.
29. Lackey, Robert T. 1975. Computer applications in fisheries science. *Transactions of the American Fisheries Society*. 104(3): 589-590.
30. Powers, Joseph E., Robert T. Lackey, and James R. Zuboy. 1975. Decision-making in recreational fisheries management: an analysis. *Transactions of the American Fisheries Society*. 104(3): 630-634.
31. Zuboy, James R., and Robert T. Lackey. 1975. A computer simulation model of a multispecies centrarchid population complex. *Virginia Journal of Science*. 26(1): 13-19.
32. Hammond, Dennis E., and Robert T. Lackey. 1976. Analysis of catchable trout fisheries management by computer simulation. *Transactions of the American Fisheries Society*. 105(1): 48-56.
33. Hampton, Ed L., and Robert T. Lackey. 1976. Analysis of angler preferences and fisheries management objectives with implications for management. *Proceedings of the Southeastern Association Game and Fish Commissioners*. 29: 310-316.
34. Powers, Joseph E., and Robert T. Lackey. 1976. A multiattribute utility function for management of a recreational resource. *Virginia Journal of Science*. 27(4): 191-198.
35. Clark, Richard D., Jr., and Robert T. Lackey. 1976. A technique for improving decision analysis in fisheries and wildlife management. *Virginia Journal of Science*. 27(4): 199-201.
36. Powers, Joseph E., and Robert T. Lackey. 1977. Postoptimality analysis of an ecosystem management simulator. In: *New Directions in the Analysis of Ecological Systems* (Part 1), Edited by George S. Innis, Simulation Council Proceedings Series, pp. 101-109.
37. Clark, Richard D., Jr., Donald L. Garling, Jr., and Robert T. Lackey. 1977. Computer use in freshwater fisheries management. *Fisheries*, Bulletin of the American Fisheries Society. 2(4): 21-23.
38. Bennett, David H., Ed L. Hampton, and Robert T. Lackey. 1978. Current and future fisheries management goals: implications for future management. *Fisheries*, Bulletin of the American Fisheries Society. 3(1): 10-14.

39. Lackey, Robert T. 1978. Requiem for fisheries research: decision criteria for budget allocation. *Fisheries, Bulletin of the American Fisheries Society*. 3(2): 6-7.
40. Lackey, Robert T. 1978. Fisheries management theory. In: *Proceedings of the Symposium on Selected Coolwater Fishes of North America*. Special Publication No. 11, American Fisheries Society, pp. 417-423.
41. Tipton, Alan R., and Robert T. Lackey. 1978. Use of modeling to assess impacts on fish and wildlife resources. pp. 93-96. In: *Proceedings of the Symposium: Surface Mining and Fish/Wildlife Needs in the Eastern United States*. Office of Biological Services, US Fish and Wildlife Service, Publication FWS/OBS-78/81, 386 pp.
42. Lackey, Robert T. 1979. Freshwater resource management. In: *Careers in Conservation: Opportunities in Natural Resources*, Henry Clepper, Editor, Ronald Press Company, pp. 59-72.
43. Prince, Eric D., and Robert T. Lackey. 1979. Marine and estuarine resource management. In: *Careers in Conservation: Opportunities in Natural Resources*, Henry Clepper, Editor, Ronald Press Company, pp. 73-82.
44. Lackey, Robert T. 1979. Options and limitations in fisheries management. *Environmental Management*. 3(2): 109-112.
45. Lackey, Robert T. 1979. Application of renewable natural resource modeling in the public decision-making process. In: *Environmental Biomonitoring, Assessment, Prediction, and Management — Certain Case Studies and Related Quantitative Issues*. John Cairns, Jr., Ganapati P. Patil, and William E. Waters. Editors, International Co-operative Publishing House, Burtonsville, Maryland, pp. 161-185.
46. Lackey, Robert T. 1979. Fisheries education in the 1980s: the issues. *Fisheries, Bulletin American Fisheries Society*. 4(2): 16-17.
47. Lackey, Robert T. 1979. Characteristics of fisheries. In: *Wildlife Conservation: Principles and Practices*, Richard D. Teague and Eugene Decker, Editors, The Wildlife Society, pp. 238-240.
48. Clark, Richard D., Jr., and Robert T. Lackey. 1980. The relationship between monitoring and modeling of fish populations. In: *Biological Monitoring of Fish*, Charles H. Hocutt and Jay R. Stauffer, Jr., Editors, Lexington Books, Lexington, MA, pp. 379-391.
49. Hubert, Wayne A., and Robert T. Lackey. 1980. Habitat of adult smallmouth bass in a Tennessee River reservoir. *Transactions of the American Fisheries Society*. 109(4): 364-370.
50. Lackey, Robert T. 1986. Aquatic effects research of the US National Acid Precipitation Assessment Program. In: *Proceedings of the Workshop on Biomonitoring*, Canada Department of Fisheries and Oceans, April 29 - May 2, 1986, Winnipeg, Canada.
51. Gucinski, Hermann, Robert T. Lackey, and Brian C. Spence. 1990. Global climate change: policy implications for fisheries. *Fisheries, Bulletin of the American Fisheries Society*. 15(6): 33-38.

52. Cairns, Michael A., and Robert T. Lackey. 1992. Biodiversity and management of natural resources: the issues. *Fisheries*, Bulletin of the American Fisheries Society. 17(3): 6-10.
53. Lackey, Robert T. 1994. Ecological risk assessment. *Fisheries*, Bulletin of the American Fisheries Society. 19(9): 14-18. [reprinted: *Renewable Resources Journal*. 12(4): 6-11].
54. Lackey, Robert T. 1995. The future of ecological risk assessment. *Human and Ecological Risk Assessment*. 1(4): 339-343. [reprinted: *Northwest Science*. 69(2): 171-174].
55. Lackey, Robert T. 1995. Ecosystem health, biological diversity, and sustainable development: research that makes a difference. *Renewable Resources Journal*. 13(2): 8-13.
56. Lackey, Robert T. 1995. The future of Pacific salmon: ecosystem health and public choice. In: *Proceedings of the Joint Conference of the American Association of Zoo Veterinarians, Wildlife Disease Association, and American Association of Wildlife Veterinarians*. Randall E. Junge, Editor, Michigan State University, East Lansing, Michigan, pp. 22-27.
57. Lackey, Robert T. 1995. Ecosystem management: implications for fisheries management. *Renewable Resources Journal*. 13(4): 11-13.
58. Lackey, Robert T. 1996. Ecosystem management: evolution or revolution? *Reflections*. Program for Ethics, Science, and the Environment, Oregon State University, Corvallis, Oregon. 3(1): 1, 4-5.
59. Lackey, Robert T. 1996. Pacific salmon, ecological health, and public policy. *Ecosystem Health*. 2(1): 61-68.
60. Hlohowskyj, Ihor, Michael S. Brody, and Robert T. Lackey. 1996. Methods for assessing the vulnerability of African fisheries resources to climate change. *Climate Research*. 6(2): 97-106.
61. Lackey, Robert T. 1996. Pacific salmon and the Endangered Species Act. *Northwest Science*. 70(3): 281-284.
62. Lackey, Robert T. 1996. Ecological risk analysis. In: *Fundamentals of Risk Analysis and Risk Management*, Vlasta Molak, Editor, Lewis Publishers/CRC Press, Inc. pp. 87-97.
63. Lackey, Robert T. 1996. Challenges to using ecological risk assessment to implement ecosystem management. *Water Resources Update*. 103: 46-49. (Reprinted: *Journal of Contemporary Water Research and Education*, 2011).
64. Lackey, Robert T. 1997. Is ecological risk assessment useful for resolving complex ecological problems? In: *Pacific Salmon and Their Ecosystems: Status and Future Options*. Deanna J. Stouder, Peter A. Bisson, and Robert J. Naiman, Editors, Chapman and Hall, Publishers. pp. 525-540.
65. Lackey, Robert T., and Roger L. Blair. 1997. Science, policy, and acid rain: lessons learned. *Renewable Resources Journal*. 15(1): 9-13.

66. Lackey, Robert T. 1997. Restoration of Pacific salmon: the role of science and scientists. In: *What is Watershed Stability? Proceedings of the Sixth Biennial Watershed Management Conference*. Sari Sommarstrom, Editor, Water Resources Center Report No. 92, University of California, pp. 35-40.
67. Lackey, Robert T. 1997. Ecological risk assessment: use, abuse, and alternatives. *Environmental Management*. 21(6): 808-812.
68. Lackey, Robert T. 1997. If ecological risk assessment is the answer, what is the question? *Human and Ecological Risk Assessment*. 3(6): 921-928.
69. Lackey, Robert T. 1998. Seven pillars of ecosystem management. *Landscape and Urban Planning*. 40(1-3): 21-30. [reprinted: *River Almanac*, US Department of Interior, National Biological Survey, Long Term Resource Monitoring Program] [reprinted: *Restoration*, Oregon State University, Sea Grant Program].
70. Lackey, Robert T. 1998. A patch of common ground. *Journal of Forestry*. 96(4): 32-33. [reprinted: *Forestry Forum: The Land Ethic*, Society of American Foresters, Washington, DC, pp. 142-145, 1998].
71. Lackey, Robert T. 1998. Ecosystem management: in search of the elusive paradigm. *Human Ecology Review*. 4(2): 107-113.
72. Winstanley, Derek, Robert T. Lackey, Walter L. Warnick, and John Malanchuk. 1998. Acid rain: science and policy making. *Environmental Science and Policy*. 1(1): 51-57.
73. Lackey, Robert T. 1998. Ecosystem management: desperately seeking a paradigm. *Journal of Soil and Water Conservation*. 53(2): 92-94.
74. Lackey, Robert T. 1998. Ecosystem management: paradigms and prattle, people and prizes. *Renewable Resources Journal*. 16(1): 8-13.
75. Lackey, Robert T. 1998. Fisheries management: integrating societal preference, decision analysis, and ecological risk assessment. *Environmental Science and Policy*. 1(4): 329-335.
76. Lackey, Robert T. 1998. Ecological risk assessment: interpreting the policy debate. *EarthMatters*. The Columbia Earth Institute, Columbia University, New York, NY, pp. 14-15.
77. Lackey, Robert T. 1999. Salmon policy: science, society, restoration, and reality. *Renewable Resources Journal*. 17(2): 6-16. [reprinted: *Environmental Science and Policy*: 2(4-5): 369-379].
78. Sommers, William T., Suzanne K. Marcy, William H. van der Schalie, Gene Lessard, Thomas M. Quigley, Robert T. Lackey, David A. Cleavers, Edward Novak, Charles van Sickle, and John Wuichet. 1999. Ecological assessments in ecosystem management. In: *Ecological Risk Assessment in the Federal Government*. National Science and Technology Council, Washington, DC, CENR/5-99/001.
79. Lackey, Robert T. 1999. Radically contested assertions in ecosystem management. *Journal of Sustainable Forestry*. 9(1-2): 21-34.

80. Lackey, Robert T. 1999. The savvy salmon technocrat: life's little rules. *Environmental Practice*. 1(3): 156-161.
81. Clark, James R., Kenneth L. Dickson, John P. Giesy, Robert T. Lackey, Ellen M. Mihaich, Ralph G. Stahl, and Maurice G. Zeeman. 1999. Using reproductive and developmental effects data in ecological risk assessments for oviparous vertebrates exposed to contaminants. pp. 363-401. In: *Reproductive and Developmental Effects of Contaminants in Oviparous Vertebrates*. Richard T. Di Giulio and Donald E. Tillitt, Editors, SETAC Press, Pensacola, Florida.
82. Lackey, Robert T. 2000. Managing place scale problems: ecosystem management. pp. 16.11-16.20. In: *The Standard Handbook of Environmental Science, Health, and Technology*. Jay H. Lehr, Editor, McGraw-Hill, New York.
83. Lackey, Robert T. 2000. Restoring wild salmon to the Pacific Northwest: chasing an illusion? pp. 91-143. In: *What We Don't Know About Pacific Northwest Fish Runs: An Inquiry into Decision-Making*. Patricia Koss and Mike Katz, Editors, Portland State University, Portland, Oregon.
84. Lackey, Robert T. 2001. Policy conundrum: restoring wild salmon to the Pacific Northwest. In: *Proceedings of the Biennial Conference of the International Institute of Fisheries Economics and Trade*, July 10 - 14, 2000, Corvallis, Oregon.
85. Lackey, Robert T. 2001. Defending reality. *Fisheries*, Bulletin of the American Fisheries Society. 26(6): 26-27. [reprinted: *Salmon Trout Steelheader*. 35(2): 4-6, 91] [reprinted: *Wheat Life*. 44(1): 7-9] [reprinted: *The Osprey*. Issue 41: 16-17] [reprinted: *High Country News*, April 23, 2002].
86. Lackey, Robert T. 2001. Values, policy, and ecosystem health. *BioScience*. 51(6): 437-443.
87. Lackey, Robert T. 2001. Pacific salmon and the Endangered Species Act: troublesome questions. *Renewable Resources Journal*. 19(2): 6-9.
88. Lackey, Robert T. 2002. Restoring wild salmon to the Pacific Northwest: framing the risk question. *Human and Ecological Risk Assessment*. 8(2): 223-232.
89. Lackey, Robert T. 2002. Salmon recovery: learning from successes and failures. *Northwest Science*. 76(4): 356-360.
90. Lackey, Robert T. 2003. Pacific Northwest salmon: forecasting their status in 2100. *Reviews in Fisheries Science*. 11(1): 35-88.
91. Lackey, Robert T. 2003. Nutrient addition to restore salmon runs: considerations for developing environmental protection policies and regulations. pp. 283-285. In: *Nutrients in Salmonid Ecosystems: Sustaining Production and Biodiversity*, John G. Stockner, Editor, American Fisheries Society, Symposium 34, Bethesda, Maryland, 285 pp.

92. Anderson, Judith L., Ray W. Hilborn, Robert T. Lackey, and Donald Ludwig. 2003. Watershed restoration — adaptive decision making in the face of uncertainty. pp. 203-232. In: *Strategies for Restoring River Ecosystems: Sources of Variability and Uncertainty in Natural and Managed Systems*. Robert C. Wissmar and Peter A. Bisson, editors, American Fisheries Society, Bethesda, Maryland, 276 pp.
93. Lackey, Robert T. 2003. Setting goals and objectives in managing for healthy ecosystems. pp. 165-166. In: *Managing for Healthy Ecosystems*, David J. Rapport, William L. Lasley, Dennis E. Rolston, N. Ole Nielsen, Calvin O. Qualset, and Ardeshir B. Damania, editors, Lewis Publishers, Boca Raton, Florida, 1510 pp.
94. Lackey, Robert T. 2003. Appropriate use of ecosystem health and normative science in ecological policy. pp. 175-186. In: *Managing for Healthy Ecosystems*, David J. Rapport, William L. Lasley, Dennis E. Rolston, N. Ole Nielsen, Calvin O. Qualset, and Ardeshir B. Damania, editors, Lewis Publishers, Boca Raton, Florida, 1510 pp.
95. Lackey, Robert T. 2003. Adding nutrients to enhance salmon runs: developing a coherent public policy. *Fisheries*. 28(8): 34-35.
96. Lackey, Robert T. 2004. A salmon-centric view of the twenty-first century in the western United States. pp. 131-137. In: *Proceedings of the World Summit on Salmon*, Patricia Gallagher and Laurie Wood, editors, Simon Fraser University, Burnaby, BC, Canada, 346 pp. [Reprinted: *Renewable Resources Journal*. 21(3): 11-15.] [Reprinted: *Bulletin of the American Littoral Society*. 27(1): 3-10.]
97. Lackey, Robert T. 2004. Societal values and the proper role of restoration ecologists. *Frontiers in Ecology and the Environment*. 2(1): 45-46. [Reprinted: *Renewable Resources Journal*. 22(4): 16-17].
98. Lackey, Robert T. 2004. Normative science. *Fisheries*. 29(7): 38-39. [Reprinted: *Energy and Environment*. 16(1): 127-130].
99. Meengs, Chad C., and Robert T. Lackey. 2005. Estimating the size of historical Oregon salmon runs. *Reviews in Fisheries Science*. 13(1): 51-66.
100. Lackey, Robert T. 2005. Economic growth and salmon recovery: an irreconcilable conflict? *Fisheries*. 30(3): 30-32.
101. Lackey, Robert T. 2005. Fisheries: history, science, and management. pp. 121-129. In: *Water Encyclopedia: Surface and Agricultural Water*, Jay H. Lehr and Jack Keeley, editors, John Wiley and Sons, Inc., Publishers, New York, 781 pp.
102. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2006. The challenge of restoring wild salmon. pp. 1-11. In: *Salmon 2100: The Future of Wild Pacific Salmon*, Robert T. Lackey, Denise H. Lach, and Sally L. Duncan, editors, American Fisheries Society, Bethesda, Maryland, 629 pp.
103. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2006. Wild salmon in western North America: the historical and policy context. pp. 13-55. In: *Salmon 2100: The Future of Wild Pacific Salmon*, Robert T. Lackey, Denise H. Lach, and Sally L. Duncan, editors, American Fisheries Society, Bethesda, Maryland, 629 pp.

104. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2006. Wild salmon in western North America: forecasting the most likely status in 2100. pp. 57-70. In: *Salmon 2100: The Future of Wild Pacific Salmon*, Robert T. Lackey, Denise H. Lach, and Sally L. Duncan, editors, American Fisheries Society, Bethesda, Maryland, 629 pp.
105. Lach, Denise H., Sally L. Duncan, and Robert T. Lackey. 2006. Can we get there from here? salmon in the 21<sup>st</sup> century. pp. 597-617. In: *Salmon 2100: The Future of Wild Pacific Salmon*, Robert T. Lackey, Denise H. Lach, and Sally L. Duncan, editors, American Fisheries Society, Bethesda, Maryland, 629 pp.
106. Duncan, Sally L., Denise H. Lach, and Robert T. Lackey. 2006. Without a change in direction, we'll get where we're going: writing a future for wild salmon. pp. 619-627. In: *Salmon 2100: The Future of Wild Pacific Salmon*, Robert T. Lackey, Denise H. Lach, and Sally L. Duncan, editors, American Fisheries Society, Bethesda, Maryland, 629 pp.
107. Lackey, Robert T. 2006. Axioms of ecological policy. *Fisheries*. 31(6): 286-290. [Reprinted: *Renewable Resources Journal*. 24(3): 13-16].
108. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2006. Policy options to reverse the decline of wild Pacific salmon. *Fisheries*. 31(7): 344-351.
109. Lackey, Robert T. 2006. Restoring wild salmon to the Pacific Northwest: framing the risk question. pp. 3-11. In: *Proceedings of the Ninth Watershed Management Council Conference: "Watersheds Across Boundaries: Science, Sustainability, Security,"* Charles W. Slaughter and Neil Berg, Editors, November 3-7, 2002, Stevenson, Washington, University of California, Water Resources Report No. 107, 390 pp.
110. Lackey, Robert T. 2007. Science, scientists, and policy advocacy. *Conservation Biology*. 21(1): 12-17.
111. Scott, J. Michael, Janet L. Rachlow, Robert T. Lackey, Anna B. Pidgorna, Jocelyn L. Aycrigg, Gabrielle R. Feldman, Leona K. Svancara, David A. Rupp, David I. Stanish, and R. Kirk Steinhorst. 2007. Policy advocacy in science: prevalence, perspectives, and implications for conservation biologists. *Conservation Biology*. 21(1): 29-35.
112. Scott, J. Michael, Janet L. Rachlow, and Robert T. Lackey. 2008. The science-policy interface: what is an appropriate role for professional societies? *Bioscience*. 58(9): 865-869.
113. Lackey, Robert T. 2009. Is science biased toward natural? *Northwest Science*. 83(3): 291-293.
114. Lackey, Robert T. 2009. Salmon Decline in Western North America: Historical Context. In: *Encyclopedia of Earth*. Eds. Cutler J. Cleveland (Washington, DC, Environmental Information Coalition, National Council for Science and the Environment).
115. Lackey, Robert T. 2009. Salmon in Western North America: Assessing the Future. In: *Encyclopedia of Earth*. Eds. Cutler J. Cleveland (Washington, DC, Environmental Information Coalition, National Council for Science and the Environment).

116. Lackey, Robert T. 2009. Challenges to sustaining diadromous fishes through 2100: lessons learned from western North America. pp. 609-617. In: *Challenges for Diadromous Fishes in a Dynamic Global Environment*, Alex J. Haro, Katherine L. Smith, Roger A. Rulifson, Christine M. Moffitt, Ronald J. Klauda, Michael J. Dadswell, Richard A. Cunjak, John E. Cooper, Kenneth L. Beal, and Trevor S. Avery, editors, American Fisheries Society, Bethesda, Maryland, 943 pp.
117. Michael, J. Hal, and Robert T. Lackey. 2012. Pacific coast salmon: past, present, and future. *Legacy: Journal of Wild Game Fish Conservation*. Wild Game Fish Conservation International. Issue 12 (October): pp. 9-15.
118. Lackey, Robert T. 2013. Normative science. *Terra Magazine*, Oregon State University, Winter Issue, Volume 8(2): 36.
119. Franks, Sierra E., and Robert T. Lackey. 2015. Forecasting the most likely status of wild salmon in the California Central Valley in 2100. *San Francisco Estuary and Watershed Science*. 13(1): 1-11.
120. Lackey, Robert T. 2015. Wild salmon recovery and inconvenient reality along the West Coast of North America: indulgences atoning for guilt? *WIREs Water*. 2(5): 433-437.
121. Lackey, Robert T. 2016. Keep science and scientists credible: avoid stealth policy advocacy. *Bulletin of the Ecological Society of Australia*. 46(3): 14-15. [Reprinted: *National Woodlands*, 5(2): 54-55].
122. Lackey, Robert T. 2017. Science and salmon recovery. pp. 69-94. In: *New Strategies for Wicked Problems: Science and Solutions in the 21st Century*, Edward P. Weber, Denise H. Lach, and Brent S. Steel, editors, Oregon State University Press, Corvallis, Oregon, 223 pp.
123. Lackey, Robert T. 2022. The great Pacific Northwest salmon conundrum. *Water Resources Impact*. 24(5): 5-8.
124. Lackey, Robert T. 2023. The salmon's history lesson: how historical events and policy drivers affect PNW salmon. *The Osprey: The International Journal of Salmon and Steelhead Conservation*. 105: 6-9. (Spring/Summer).

## BOOKS

1. Lackey, Robert T. 1974. *Introductory Fisheries Science*. Sea Grant, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 280 pp.
2. Lackey, Robert T., and Wayne A. Hubert. Editors. 1978. *Analysis of Exploited Fish Populations*. Sea Grant, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 97 pp.
3. Lackey, Robert T., and Larry A. Nielsen. Editors. 1980. *Fisheries Management*. John Wiley & Sons, New York, New York, 422 pp.

4. Mazaika, Rosemary, Robert T. Lackey, and Stephen L. Friant. Editors. 1995. *Ecological Risk Assessment: Use, Abuse, and Alternatives*. Amherst Scientific Publishers, Amherst, Massachusetts.
5. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. Editors. 2006. *Salmon 2100: The Future of Wild Pacific Salmon*. American Fisheries Society, Bethesda, Maryland, 629 pp.

## BULLETINS AND MONOGRAPHS

1. Lackey, Robert T. 1975. *Recreational Fisheries Management and Ecosystem Modeling*. Publication VPI-FWS-4-75, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 44 pp.
2. Clark, Richard D., Jr., and Robert T. Lackey. 1975. *Computer-implemented Simulation as a Planning Aid for State Fisheries Management Agencies*. Publication VPI-FWS-3-75, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 79 pp.
3. Lackey, Robert T., and Franklin B. Titlow. 1975. *Teaching Water Resource Management with the Aid of a Computer-implemented Simulator*. Bulletin 78, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 98 pp.
4. Martel, Gary F., and Robert T. Lackey. 1977. *A Computerized Method for Abstracting and Evaluating Environmental Impact Statements*. Bulletin 105, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 93 pp.
5. Mason, Lawrence N., Robert T. Lackey, William Y. Brown, and Kyran D. Thelen. 1977. *Protection, Conservation, and Management of Endangered and Threatened Species in Egypt*. Fish and Wildlife Service/National Park Service Report, US Department of the Interior, Washington, DC, 33 pp.
6. Jester, Douglas B., Jr., Donald L. Garling, Jr., Alan R. Tipton, and Robert T. Lackey. 1977. *A General Population Dynamics Theory for Largemouth Bass*. Publication VPI-FWS-1-77, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 29 pp.

## GRADUATE THESES

1. Lackey, Robert T. 1968. *Seasonal abundance and availability of forage fishes and their utilization by landlocked Atlantic salmon and brook trout in Echo Lake, Mount Desert Island, Maine*. MS Thesis, University of Maine, Orono, Maine. 98 pp.
2. Lackey, Robert T. 1971. *Effects of artificial destratification on a lake ecosystem*. Ph.D. Thesis, Colorado State University, Ft. Collins, Colorado. 71 pp.

## POSTER PRESENTATIONS *(since 1994)*

1. Hlohowskyj, Ihor, Michael S. Brody, and Robert T. Lackey. 1994. Development of a climate change impact vulnerability assessment training module for African freshwater and marine fisheries. (Poster). Symposium: *Regional Assessment of Freshwater Ecosystems and Climate Change in North America*, October 24-26, Leesburg, Virginia.
2. Lackey, Robert T., and Roger L. Blair. 1995. Science, policy, and acid rain: lessons learned. (Poster). Conference: *Crossroads of Science and Policy: A Review of Bioregional Assessments*, November 6-8, Portland, Oregon.
3. Munns, Wayne R., Robert C. MacPhail, Russell J. Erickson, Theresa S. Harris, Robert T. Lackey, Robert W. Luebke, John E. Rogers, and Michael D. Waters. 1998. Extrapolation in human health and ecological risk assessments. (Poster). *Nineteenth Annual Meeting of the Society of Environmental Toxicology and Chemistry*, November 15-19, Charlotte, North Carolina.
4. Lackey, Robert T. 1999. Restoration of Pacific salmon and the allure of normative science. (Poster). Annual Meeting, *Society of Environmental Toxicology and Chemistry*, November 14-18, Philadelphia, Pennsylvania.
5. Lackey, Robert T., Parker J. Wigington, Jana E. Compton, Stephen C. Ralph, Derek Poon, and Mary Lou Soscia. 2003. Collaborative efforts to reverse the decline of salmon in the Pacific Northwest (Poster). *EPA Science Forum 2003*, May 5-7, Washington, DC.
6. Lackey, Robert T., Denise H. Lach, and Derek Poon. 2005. Salmon 2100 Project: alternative futures for Pacific Salmon (Poster). *State of the Salmon Conference: Building the New Agenda for North Pacific Salmon Conservation*, April 17-20, Anchorage, Alaska.
7. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest Salmon (Poster). *Third Biennial Conference: Forging Solutions by Applying Ecological Economics to Urgent Problems*, July 20-23, Tacoma, Washington.

## TECHNICAL PRESENTATIONS *(since 2000)*

1. Lackey, Robert T. 2000. Restoring salmon in the Pacific Northwest: chasing an illusion? Lecture, Research Colloquium, January 21, *University of Northern British Columbia*, Prince George, British Columbia.
2. Lackey, Robert T. 2000. The policy conundrum: restoring salmon to the Pacific Northwest. Lecture, *University of Northern British Columbia*, February 17, Prince George, British Columbia.
3. Lackey, Robert T. 2000. Salmon policy: an introduction. Lecture, *University of Northern British Columbia*, April 3, Prince George, British Columbia.

4. Lackey, Robert T. 2000. Restoring wild salmon to the Pacific Northwest: what does risk assessment offer? Annual Meeting, *American Fisheries Society*, North Pacific Chapter, April 10-12, Mt. Vernon, Washington.
5. Lackey, Robert T. 2000. Restoring wild salmon to the Pacific Northwest: chasing an illusion? Conference, *What We Don't Know About Pacific Northwest Fish Runs: An Inquiry into Decision-Making*, July 7-8, Portland State University, Portland, Oregon.
6. Lackey, Robert T. 2000. Policy conundrum: restoring wild salmon to the Pacific Northwest. Biennial Conference, *International Institute of Fisheries Economics and Trade*, July 10-14, Corvallis, Oregon.
7. Lackey, Robert T. 2000. Wild salmon recovery in the Pacific Northwest: forecasting the twenty-first century. Lecture, *Oregon State University*, November 1, Newport, Oregon.
8. Lackey, Robert T. 2000. Careers in ecology — research, management, and advocacy. Lecture, *Oregon State University*, November 9, Corvallis, Oregon.
9. Lackey, Robert T. 2000. Wild salmon: forecasting the twenty-first century. Lecture, *Southern Oregon University*, November 14, Ashland, Oregon.
10. Lackey, Robert T. 2000. Defending reality: standing against the acolytes of delusion. Seminar, *Oregon State University*, November 17, Corvallis, Oregon.
11. Lackey, Robert T. 2001. Watershed management: ecological information that makes a difference. International Symposium, *Integrated Decision-Making for Watershed Management*, January 7-9, Chevy Chase, Maryland.
12. Lackey, Robert T. 2001. Restoring Pacific Northwest salmon: scientific and policy perspectives. Lecture, *Eastern Management Development Center, US Office of Personnel Management*, March 13, Shepherdstown, West Virginia.
13. Lackey, Robert T. 2001. Pacific Northwest salmon: in search of sustainability. Lecture, *University of Idaho*, April 11, Moscow, Idaho.
14. Lackey, Robert T. 2001. Nutrient addition to restore salmon runs: is it consistent with environmental policies and regulations? Moderator and Discussant, *International Conference on Restoring Nutrients to Salmonid Ecosystems*, American Fisheries Society, April 24-26, Eugene, Oregon.
15. Lackey, Robert T. 2001. The Endangered Species Act and the Pacific Northwest: can we afford (not) to save the salmon? Moderator and Discussant, Public Policy Forum, Thomas S. Foley Public Policy Institute, *Washington State University*, May 1, Vancouver, Washington.
16. Lackey, Robert T. 2001. Pacific Northwest salmon: divining the future. Lecture, *University of Oregon*, May 21, Eugene, Oregon.
17. Lackey, Robert T. 2001. Ecological risk assessment: appropriate use in natural resource management. Lecture, *Oregon State University*, June 1, Corvallis, Oregon.

18. Lackey, Robert T. 2001. Salmon science and policy. Lecture, *Oregon State University*, October 3, Corvallis, Oregon.
19. Lackey, Robert T. 2001. Careers in ecology — research, management, and advocacy. Lecture, *Oregon State University*, October 25, Corvallis, Oregon.
20. Lackey, Robert T. 2001. Reality, delusions, and other assorted truths: the future of salmon in the Pacific Northwest. Seminar, *Pacific Biological Station, Fisheries and Oceans Canada*, November 8, Nanaimo, British Columbia.
21. Lackey, Robert T. 2001. Wild salmon: forecasting the twenty-first century. Lecture, *Southern Oregon University*, November 13, Ashland, Oregon.
22. Lackey, Robert T. 2001. Pacific Northwest Salmon in the 21<sup>st</sup> century: reality, delusions, and other assorted truths. Seminar, *Oregon State University*, November 28, Corvallis, Oregon.
23. Lackey, Robert T. 2001. Restoring wild salmon to the Pacific Northwest: framing the risk question. *Annual Meeting of the Society for Risk Analysis*, December 2-5, Seattle, Washington.
24. Lackey, Robert T. 2001. 150 years of salmon restoration: assorted truths. Lecture, *Organizational Learning: Adaptive Management for Salmon Conservation*, December 3-4, Bellevue, Washington, Proceedings of the Conference, Olympic Natural Resources Center, University of Washington, Forks, Washington, URL:
25. Lackey, Robert T. 2001. Salmon recovery: defending reality, delusions, and other assorted truths. Seminar, Oregon District Office, *US Geological Survey*, December 18, Portland, Oregon.
26. Lackey, Robert T. 2002. Pacific salmon fisheries of the world: status, prospects, and challenges. Seminar, International Environmental Issues, *Oregon State University*, January 29, Corvallis, Oregon.
27. Lackey, Robert T. 2002. Salmon in crisis: in search of a solution for the Pacific Northwest. Chautauqua lecture, *Unitarian-Universalist Fellowship*, February 8, Corvallis, Oregon.
28. Lackey, Robert T. 2002. Wild salmon recovery: learning from successes and mistakes. Plenary Lecture, Annual Meeting, Oregon Chapter, *American Fisheries Society*, February 27 - March 1, Sunriver, Oregon.
29. Lackey, Robert T. 2002. Salmon recovery in the twenty-first century: breaching the basic barriers. Lecture, Conference — *Toward Ecosystem-Based Management: Breaking Down the Barriers in the Columbia River Basin and Beyond*. Spokane, Washington, April 27 - May 1. [Lecture published in *The Tributary*, Newsletter of the Western Division of the American Fisheries Society, 26(3): 8-10].
30. Lackey, Robert T. 2002. Science, politics, and Pacific Northwest salmon recovery. Lecture, *Southern Oregon University*, July 16, Ashland, Oregon.
31. Lackey, Robert T. 2002. Science, politics, and Pacific Northwest salmon recovery. Lecture, *Oregon State University*, August 7, Corvallis, Oregon.

32. Lackey, Robert T. 2002. Future of Pacific Northwest salmon: science and policy in action. Lectures (2), *Oregon State University*, October 9 & 11, Corvallis, Oregon.
33. Lackey, Robert T. 2002. Policy and science in natural resource agencies: searching for appropriate roles. Lecture, *Leadership Conference*, US Fish and Wildlife Service, October 28-30, Anchorage, Alaska.
34. Lackey, Robert T. 2002. Restoring salmon to the Pacific Northwest: legacies, choices, and trajectories. Watershed Management Council Biennial Conference: *"Watersheds Across Boundaries: Science, Sustainability, Security,"* November 3-6, Stevenson, Washington.
35. Lackey, Robert T. 2002. Science, politics, and Pacific Northwest salmon recovery. Lecture, *Southern Oregon University*, November 19, Ashland, Oregon.
36. Lackey, Robert T. 2002. Careers in ecology — research, management, and advocacy. Lecture, *Oregon State University*, November 21, Corvallis, Oregon.
37. Lackey, Robert T. 2003. Salmon fisheries of the world: status, prospects, and challenges. Seminar, International Environmental Issues, *Oregon State University*, February 4, Corvallis, Oregon.
38. Lackey, Robert T. 2003. Normative science: a corrupting influence in ecological policy? Keynote Lecture, *Northwest Scientific Association*, March 27-28, Forks, Washington.
39. Lackey, Robert T. 2003. A salmon-centric view of the 21<sup>st</sup> century in the western United States. Lecture, *World Summit on Salmon*, Simon Fraser University, June 10-13, Vancouver, British Columbia. [Citation: Lackey, Robert T. 2004. A salmon-centric view of the twenty-first century in the western United States. pp. 131-137. In: Proceedings of the conference, Simon Fraser University, Burnaby, BC, Canada].
40. Lackey, Robert T. 2003. A salmon-centric view of the 21<sup>st</sup> century in the Western United States. Seminar, *US Fish and Wildlife Service*, Columbia River Fisheries Office, August 21, Vancouver, Washington.
41. Lackey, Robert T. 2003. The future of Pacific Northwest salmon: anatomy of a crisis. Lecture, *Oregon State University*, Academy for Lifelong Learning, September 16, Corvallis, Oregon.
42. Lackey, Robert T. 2003. Environmental research and education programs: let's get the science-policy interface right. Plenary panel presentation, Project Kaleidoscope Conference: *Taking Advantage of New Opportunities for Environmental Sciences*, September 19-21, Portland, Oregon.
43. Lackey, Robert T. 2003. Wild salmon restoration: is it worth it? Seminar, *Oregon State University*, October 29, Corvallis, Oregon.
44. Lackey, Robert T. 2003. 1850-2100: a salmon-centric history of western North America. Plenary Lecture, *Northwest Salmonid Recovery Conference*, November 4-7, Seattle, Washington.
45. Lackey, Robert T. 2003. Normative science: a corrupting influence in ecological policy? Plenary Lecture, Annual Meeting, *Western Society of Naturalists*, November 7-10, Long Beach, California.

46. Lackey, Robert T. 2003. Facts, fantasies, and forecasts: the future of wild salmon. Lecture, *Illahhee Environment Matters Lecture Series*, December 4, Portland, Oregon.
47. Lackey, Robert T. 2004. Pacific Northwest salmon recovery: incorporating science into policy analysis. Lecture, *Southern Oregon University*, February 25, Ashland, Oregon.
48. Lackey, Robert T. 2004. Salmon and salmon fisheries: a world and historical perspective. Lecture, *Southern Oregon University*, February 26, Ashland, Oregon.
49. Lackey, Robert T. 2004. Normative science: a corrupting influence in fisheries policy. Annual Meeting, Western Division, *American Fisheries Society*, February 29 - March 4, Salt Lake City, Utah. [Reprinted: *The Tributary*. 28(2): 8-11].
50. McComb, Brenda C., Joseph L. Ebersole, and Robert T. Lackey. 2004. Integrative considerations in watershed planning. Annual Meeting, Western Division, *American Fisheries Society*, February 29 - March 4, Salt Lake City, Utah.
51. Lackey, Robert T. 2004. The four nations of salmon world: a science and policy context. Plenary Lecture, *Twenty-second Annual Salmonid Restoration Conference*, March 17-20, Davis, California.
52. Lackey, Robert T. 2004. Salmon restoration: formulating goals within a realistic science and policy context. Seminar, *Oregon State University*, April 29, Corvallis, Oregon.
53. Lackey, Robert T. 2004. Ecological policy: defining appropriate roles for science and scientists. Seminar, *Oregon State University*, May 19, Corvallis, Oregon.
54. Lackey, Robert T. 2004. Normative science: a corrupting influence in ecological policy. Seminar, *Oregon State University*, July 21, Newport, Oregon.
55. Lackey, Robert T. 2004. Salmon recovery: agents, drivers, and delusions. Annual Meeting, *American Fisheries Society*, August 22-26, Madison, Wisconsin.
56. Lackey, Robert T. 2004. Normative science: a corrupting influence in ecological and natural resource policy. Seminar, *University of Idaho*, September 21, Moscow, Idaho.
57. Lackey, Robert T. 2004. Pacific Northwest salmon: in search of a sustainable future. Plenary Lecture, *Northwest Salmonid Recovery Conference*, October 26-29, Seattle, Washington.
58. Lackey, Robert T. 2004. A two-century history of Pacific Northwest salmon: lessons learned for achieving a sustainable future. Annual Meeting, North Pacific International Chapter, *American Fisheries Society*, November 1-3, Stevenson, Washington.
59. Lackey, Robert T. 2005. Salmon and the Endangered Species Act: past, current, and future perspectives. Lecture, *Oregon State University*, January 5, Corvallis, Oregon.

60. Lackey, Robert T., and Denise H. Lach. 2005. *Salmon 2100 Project: alternative futures for Pacific Salmon*. Annual Meeting, Oregon Chapter, *American Fisheries Society*, February 16-18, Corvallis, Oregon.
61. Lackey, Robert T. 2005. Science, scientists, and policy advocacy in an ecological research organization. Annual Meeting of the Cooperative Fisheries and Wildlife Research Units, US Geological Survey, March 1-3, Jacksonville, Florida.
62. Lackey, Robert T. 2005. Sustainability and restoration: delineating proper roles for values, policy, and science. *Sustainability and Restoration: A Practical Partnership for the 21<sup>st</sup> Century*, Society for Ecological Restoration, Northwest Chapter Regional Conference, April 4-8, Seattle, Washington.
63. Lackey, Robert T. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. Seminar, *Oregon State University*, May 9, Corvallis, Oregon.
64. Lackey, Robert T. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. Lecture, *Jefferson Fish Society*, May 19, Medford, Oregon.
65. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. Seminar, *Caucus of Federal Agencies Responsible for Salmon Recovery in the Columbia River Basin*, July 12, Portland, Oregon.
66. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. *Third Biennial Conference: Forging Solutions by Applying Ecological Economics to Urgent Problems*, July 20-23, Tacoma, Washington.
67. Lackey, Robert T. 2005. The Salmon 2100 Project – an alternative futures perspective on salmon recovery. Environmental Protection Agency, Alaska Operations Office, September 13, Anchorage, Alaska.
68. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. Annual Meeting, *American Fisheries Society*, September 11-15, Anchorage, Alaska.
69. Lach, Denise H., Sally L. Duncan, and Robert T. Lackey. 2005. An analysis of the proposed policy prescriptions for restoring wild salmon to California, Oregon, Washington, Idaho, and southern British Columbia. Annual Meeting, *American Fisheries Society*, September 11-15, Anchorage, Alaska.
70. Lackey, Robert T. 2005. Salmon recovery: facts, fantasies, and futures. Lecture, *Kiwanis Club of Corvallis*, October 12, Corvallis, Oregon.
71. Lackey, Robert T. 2005. The Salmon 2100 Project – an alternative futures perspective on salmon recovery. Environmental Protection Agency, Regional Office, October 19, San Francisco, California.
72. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. The Salmon 2100 Project: alternative futures for Pacific Salmon. Annual Conference, *American Water Resources Association*, November 6-10, Seattle, Washington.

73. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. *Third Biennial Non-point Source Conference*, November 7, Sacramento, California.
74. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2005. The Columbia River Basin — an alternative futures perspective on salmon recovery. Annual Conference, *The Mighty Columbia*, November 14-15, Seattle, Washington.
75. Duncan, Sally L., Robert T. Lackey, and Denise H. Lach. 2005. Salmon 2100 Project: alternative futures for Pacific Northwest salmon. *Annual Meeting*, Nez Perce Tribe, Department of Fisheries Resources Management, December 16, Lewiston, Idaho.
76. Lackey, Robert T. 2006. Salmon recovery and the Endangered Species Act: when policy dreams clash with biological realities. Lecture, *Oregon State University*, January 13, Corvallis, Oregon.
77. Lackey, Robert T., Denise H. Lach, and Sally L. Duncan. 2006. Wild salmon in 2100: an alternative futures perspective. Conference, *The Salmon 2100 Project: The Future of Wild Salmon*. January 25, Portland, Oregon.
78. Lach, Denise H., Robert T. Lackey, and Sally L. Duncan. 2006. The Salmon 2100 Project: what the authors did not address. Conference, *The Salmon 2100 Project: The Future of Wild Salmon*. January 25, Portland, Oregon.
79. Lackey, Robert T. 2006. Pacific Northwest salmon: in search of a sustainable future. Plenary Lecture, *Northwest Salmonid Recovery Conference*, February 15-17, Seattle, Oregon.
80. Lackey, Robert T. 2006. Salmon management, clashing values, and biological realities. Lecture, *Eastern Oregon University*, February 17, LaGrande, Oregon.
81. Courter, Ian I., and Robert T. Lackey. 2006. Defining what constitutes a wild salmon. Annual Meeting, Oregon Chapter, *American Fisheries Society*, March 1-3, Sunriver, Oregon.
82. Mintkeski, Tyler G., and Robert T. Lackey. 2006. Finding a place for expert opinion in salmon recovery. Annual Meeting, Oregon Chapter, *American Fisheries Society*, March 1-3, Sunriver, Oregon.
83. Lackey, Robert T. 2006. Salmon recovery: facts, fantasies, and futures. Banquet Lecture, Annual Meeting, *Santiam Fish and Game Association*, March 24, Lebanon, Oregon.
84. Lackey, Robert T. 2006. Pacific Northwest salmon: an alternative futures perspective on salmon recovery. Seminar, Environmental Protection Agency Regional Office, May 4, Seattle, Washington.
85. Lackey, Robert T. 2006. Pacific Northwest salmon: an alternative futures perspective on salmon recovery. Seminar, National Health and Environmental Effects Research Laboratory, Environmental Protection Agency, June 7, Duluth, Minnesota.
86. Lackey, Robert T. 2006. Wild salmon in 2100: an alternative futures perspective on salmon recovery. Keynote Lecture, Yakima Basin Aquatic Science and Management Conference, Central Washington University, June 14-15, Ellensburg, Washington.

87. Aycrigg, Jocelyn L., Gabrielle R. Feldman, Robert T. Lackey, Anna B. Pidgorna, Janet L. Rachlow, David A. Rupp, J. Michael Scott, David I. Stanish, and Leona K. Svancara. 2006. Advocacy in science: an overview of the issue and its controversies. Symposium, *Advocacy in Conservation Science*, Annual Meeting, Society for Conservation Biology, June 24-28, San Jose, California.
88. Lackey, Robert T., and Joshua J. Lawler. 2006. Defining appropriate roles for science and scientists in developing, analyzing, and implementing public policy. Symposium, *Advocacy in Conservation Science*, Annual Meeting, Society for Conservation Biology, June 24-28, San Jose, California.
89. Lackey, Robert T. 2006. Ecological policy: defining appropriate roles for science and scientists. Seminar, Hatfield Marine Science Center, *Oregon State University*, August 10, Newport, Oregon.
90. Lackey, Robert T. 2006. Pacific salmon: lessons learned for recovering Atlantic salmon. Annual Meeting, *American Fisheries Society*, September 10-14, Lake Placid, New York.
91. Lackey, Robert T. 2006. The Pacific Northwest in 2100: an alternative futures perspective on salmon recovery. Annual Meeting, *British Columbia Ministry of the Environment*, October 3-4, Victoria, British Columbia.
92. Lackey, Robert T. 2006. The future of salmon in the Pacific Northwest: an analysis of policy options. Seminar, Marine Resources Management Program, *Oregon State University*, October 11, Corvallis, Oregon.
93. Lackey, Robert T. 2006. Science, scientists, and policy advocacy in an ecological research organization. Seminar, *University of Massachusetts*, October 16, Amherst, Massachusetts.
94. Lackey, Robert T. 2007. Salmon and the Endangered Species Act: troublesome questions. Lecture, *Oregon State University*, January 12, Corvallis, Oregon.
95. Lackey, Robert T. 2007. Policy options for sustaining significant, sustainable runs of wild salmon in the Pacific Northwest. Panel Presentation, *Fly Fishers Expo*, March 9-10, Albany, Oregon.
96. Lackey, Robert T. 2007. Salmon recovery: searching for a credible option. Lecture, *Oregon State University*, March 13, Corvallis, Oregon.
97. Lackey, Robert T. 2007. Science, scientists, and policy advocacy. Lecture, *Oregon State University*, March 13, Corvallis, Oregon.
98. Lackey, Robert T. 2007. The Pacific Northwest in 2100: an alternative futures perspective on salmon recovery. Natural Resources and Environmental Studies Institute, Colloquium Lecture, *University of Northern British Columbia*, March 16, Prince George, British Columbia.
99. Lackey, Robert T. 2007. The Salmon 2100 Project: sustaining wild salmon and 100 million people. Lecture, *Oregon State University*, April 17, Corvallis, Oregon.
100. Lackey, Robert T. 2007. Science, scientists, and advocacy. Lecture, Annual Project Leaders Meeting, *US Fish and Wildlife Service*, May 16, Sacramento, California.

101. Lackey, Robert T. 2007. Challenges to sustaining diadromous fishes through 2100: lessons learned from western North America. *Second International Symposium on Diadromous Fishes, Challenges for Diadromous Fishes in a Dynamic Global Environment*, June 18-21, Halifax, Nova Scotia.
102. Lackey, Robert T. 2007. The Salmon 2100 Project: options to protect, restore, and enhance salmon along the west coast of North America. Annual Meeting, *American Fisheries Society*, September 2-6, San Francisco, California.
103. Lackey, Robert T. 2007. The West Coast in 2100: an alternative futures perspective on salmon recovery. Lecture, Conference, *Forestry and Anadromy – Are We the Solution to Recovery?* October 26, Redding, California.
104. Lackey, Robert T. 2007. The Pacific Northwest in 2100: an alternative futures perspective on salmon recovery. Plenary Lecture, *Northwest Salmonid Recovery Conference*, November 6-9, Seattle, Washington.
105. Lackey, Robert T. 2008. Salmon and the Endangered Species Act: troublesome questions. Lecture, *Oregon State University*, January 9, Corvallis, Oregon.
106. Lackey, Robert T. 2008. Salmon 2100: some policy options that just might work. Annual Employee Retreat, *British Columbia Ministry of Fisheries*, January 29-31, Kelowna, British Columbia.
107. Lackey, Robert T. 2008. Contentious issues in agriculture: salmon vs. cows in the Pacific Northwest. *Oregon State University*, February 13, Corvallis, Oregon.
108. Lackey, Robert T. 2008. Salmon 2100: some recovery options that just might work. Plenary Lecture, *Twenty-Sixth Annual Salmonid Restoration Conference*, March 5-8, Lodi, California.
109. Lackey, Robert T. 2008. Ecological policy: defining roles for science and scientists. Seminar, College of Oceanic and Atmospheric Sciences. *Oregon State University*, July 24, Corvallis, Oregon.
110. Lackey, Robert T. 2008. Ecological policy: defining roles for science and scientists. Seminar, Hatfield Marine Science Center, *Oregon State University*, August 14, Newport, Oregon.
111. Lackey, Robert T. 2008. Science, scientists, and policy advocacy. Plenary Lecture, *British Columbia Institute of Agrologists*, Professional Development Workshop, November 1, Langley, British Columbia.
112. Lackey, Robert T. 2008. Wild salmon in 2100: some recovery strategies that just might work. Lecture, *Oregon State University*, December 1, Corvallis, Oregon.
113. Lackey, Robert T. 2009. Salmon and the Endangered Species Act: troublesome questions. Lecture, *Oregon State University*, January 14, Corvallis, Oregon.
114. Lackey, Robert T. 2009. Wild salmon in 2100: proposing realistic recovery strategies. Lecture, *Oregon State University*, March 9, Corvallis, Oregon.

115. Lackey, Robert T. 2009. Wild salmon in 2100: straight talk about the future. Plenary lecture, *Salmon Summit: 21st Century Economics — The Value of Our Salmon*. March 12, Bellingham, Washington.
116. Courter, Ian C., and Robert T. Lackey. 2009. The future of salmon management in the Columbia River Basin. *Symposium, Transboundary River Governance in the Face of Uncertainty: The Columbia River Treaty*, April 2-4, Coeur d'Alene, Idaho.
117. Lackey, Robert T. 2009. Science, scientists, and policy advocacy. Lecture, Annual Conference, *British Columbia College of Applied Biology*, May 7, Victoria, British Columbia.
118. Lackey, Robert T. 2009. Science, scientists, and policy advocacy. Seminar, Hatfield Marine Science Center, *Oregon State University*, June 18, Newport, Oregon.
119. Lackey, Robert T. 2009. Science, scientists, and policy advocacy. Seminar, College of Oceanic and Atmospheric Sciences. *Oregon State University*, July 23, Corvallis, Oregon.
120. Lackey, Robert T. 2009. The government scientist: charting an ethical path. Seminar, Water Resources Graduate Program, *Oregon State University*, October 21, Corvallis, Oregon.
121. Lackey, Robert T. 2009. Science, scientists, and policy advocacy. Lecture, *Northwestern School of Law, Lewis and Clark College*, October 29, Portland, Oregon.
122. Lackey, Robert T. 2009. Science, scientists, and policy advocacy. Seminar, Marine Resources Management Program, College of Oceanic and Atmospheric Sciences. *Oregon State University*, November 9, Corvallis, Oregon.
123. Lackey, Robert T. 2009. Is science biased toward natural? Lecture, Annual Meeting, *National Council for Air and Stream Improvement*, November 17-18, Vancouver, British Columbia.
124. Lackey, Robert T. 2010. The Endangered Species Act: salmon case study. Lecture, *Oregon State University*, January 11, Corvallis, Oregon.
125. Lackey, Robert T. 2010. Contentious issues in agriculture: salmon vs. cows in the Pacific Northwest. Lecture, *Oregon State University*, February 9, Corvallis, Oregon.
126. Lackey, Robert T. 2010. Salmon without rivers: what are society's options? Lecture, *Oregon State University*, March 8, Corvallis, Oregon.
127. Lackey, Robert T. 2010. Science, scientists, and policy advocacy: how to avoid normative science. Lecture, *Oregon State University*, April 8, Corvallis, Oregon.
128. Lackey, Robert T. 2010. Is science biased toward natural? Keynote Lecture, Graduate Conference for Fisheries and Marine Ecosystems, *Fisheries and Marine Ecosystems Network (FAME)*, April 23-25, Port Moody, British Columbia.
129. Lackey, Robert T. 2010. Science, scientists, and policy advocacy. Seminar, Hatfield Marine Science Center, *Oregon State University*, June 24, Newport, Oregon.

130. Lackey, Robert T. 2010. Science, scientists, and policy advocacy. Seminar, College of Oceanic and Atmospheric Sciences. *Oregon State University*, July 8, Corvallis, Oregon.
131. Lackey, Robert T. 2010. Is science biased toward natural? Lecture, Annual West Coast Regional Meeting, *National Council for Air and Stream Improvement*, September 29, Vancouver, Washington.
132. Lackey, Robert T. 2010. Science, scientists, and policy advocacy. Seminar, Marine Resources Management Program, College of Oceanic and Atmospheric Sciences. *Oregon State University*, October 18, Corvallis, Oregon.
133. Lackey, Robert T. 2011. The Endangered Species Act: salmon case study. Lecture, *Oregon State University*, January 7, Corvallis, Oregon.
134. Lackey, Robert T. 2011. Is science biased toward natural? Plenary Lecture, *48<sup>th</sup> Annual Alberta Soil Science Workshop*, February 16, Calgary, Alberta.
135. Lackey, Robert T. 2011. Salmon without rivers: what are society's options? Lecture, *Oregon State University*, March 7, Corvallis, Oregon.
136. Lackey, Robert T. 2011. Science, scientists, and policy advocacy: how to avoid normative science. Lecture, *Oregon State University*, April 5, Corvallis, Oregon.
137. Lackey, Robert T. 2011. Wild salmon in 2100: straight talk about the future. Plenary lecture, *Staff Retreat, Canada Department of Fisheries and Oceans*, May 18, Kamloops, British Columbia.
138. Lackey, Robert T. 2011. Science, scientists, and policy advocacy. Seminar, Hatfield Marine Science Center, *Oregon State University*, July 7, Newport, Oregon.
139. Lackey, Robert T. 2011. Keeping science free of policy advocacy: a practical guide for scientists. Seminar, College of Oceanic and Atmospheric Sciences. *Oregon State University*, August 3, Corvallis, Oregon.
140. Lackey, Robert T. 2011. Science: beacon of reality. Plenary Lecture, *141<sup>st</sup> Annual Meeting of the American Fisheries Society*, September 5, Seattle, Washington.
141. Lackey, Robert T. 2011. Wild salmon in 2100: straight talk about the future. Lecture, Visions Workshop, *Fraser River Aboriginal Fisheries Secretariat, Canada Department of Fisheries and Oceans*, October 6, Quesnel, British Columbia.
142. Lackey, Robert T. 2011. Keeping science free of policy advocacy: a practical guide for scientists. Seminar, Marine Resources Management Program, College of Oceanic and Atmospheric Sciences. *Oregon State University*, November 7, Corvallis, Oregon.
143. Lackey, Robert T. 2011. The Columbia River Basin in 2100. Lecture, Department of Fisheries and Wildlife, *Oregon State University*, November 15, Corvallis, Oregon.

144. Lackey, Robert T. 2011. Is science biased toward natural? Seminar, Oregon Institute of Marine Biology, *University of Oregon*, November 18, Charleston, Oregon.
145. Lackey, Robert T. 2011. Scientists, lawyers, advocates, and whistleblowers: a sorry case of charades. Lecture, *Northwestern School of Law, Lewis and Clark College*, November 23, Portland, Oregon.
146. Lackey, Robert T. 2012. Endangered Species Act: from aspiration to reality. Lecture, *Oregon State University*, January 25, Corvallis, Oregon.
147. Lackey, Robert T. 2012. Keeping science free of policy advocacy: a practical guide for scientists. Lecture, *Oregon State University*, February 29, Corvallis, Oregon.
148. Lackey, Robert T. 2012. Keeping science free of policy advocacy: a practical guide for scientists. Natural Resources and Environmental Studies Institute, Colloquium Lecture, *University of Northern British Columbia*, March 16, Prince George, British Columbia.
149. Lackey, Robert T. 2012. Fisheries and wildlife management: keeping science free of policy advocacy. Lecture, *Oregon State University*, April 10, Corvallis, Oregon.
150. Lackey, Robert T. 2012. Is science biased toward natural? Seminar, College of Earth, Ocean, and Atmospheric Sciences, *Oregon State University*, May 8, Corvallis, Oregon.
151. Lackey, Robert T. 2012. Role of science in the political process. Seminar, Hatfield Marine Science Center, *Oregon State University*, July 5, Newport, Oregon.
152. Lackey, Robert T. 2012. Science and the political process. Seminar, College of Earth, Oceanic, and Atmospheric Sciences. *Oregon State University*, August 1, Corvallis, Oregon.
153. Michael, John H., and Robert T. Lackey. 2012. Past, present, and future of salmonid stocks in the Pacific Northwest. 97<sup>th</sup> Annual Meeting, *Ecological Society of America*, August 7, Portland, Oregon.
154. Lackey, Robert T. 2012. Straight talk about the future of salmon. *Fifth Annual Mat-Su Salmon Science and Conservation Symposium*, November 7, Wasilla, Alaska.
155. Lackey, Robert T. 2012. Unpublished lessons learned from the Salmon 2100 Project. *Fifth Annual Mat-Su Salmon Science and Conservation Symposium*, November 7, Wasilla, Alaska.
156. Lackey, Robert T. 2012. Straight talk about the future of salmon. *Southeast Alaska Fish Habitat Partnership*. November 9, Juneau, Alaska.
157. Lackey, Robert T. 2012. Keeping science free of policy advocacy: a practical guide for scientists. Seminar, Marine Resources Management Program, College of Oceanic and Atmospheric Sciences, *Oregon State University*, November 19, Corvallis, Oregon.
158. Lackey, Robert T. 2013. Science and public policy. Lecture, *Oregon State University*, January 16, Corvallis, Oregon.

159. Lackey, Robert T. 2013. Salmon without rivers: what was left out? Lecture, *Oregon State University*, March 11, Corvallis, Oregon.
160. Lackey, Robert T. 2013. Fisheries and wildlife management: keeping science free of policy advocacy. Lecture, *Oregon State University*, April 11, Corvallis, Oregon.
161. Lackey, Robert T. 2013. Defining an appropriate role for science and scientists in public policy. Lecture, *Oregon State University*, May 9, Corvallis, Oregon.
162. Lackey, Robert T. 2013. Science: use and misuse in natural resource management. Lecture, *Oregon State University*, May 14, Corvallis, Oregon.
163. Lackey, Robert T. 2013. Scientific assertions that muddle ecological policy. Keynote Lecture, 58<sup>th</sup> Annual Meeting, *Great Lakes Fishery Commission*, May 29, Montreal, Canada.
164. Lackey, Robert T. 2013. Saving wild salmon: a 165-year policy conundrum. Dubach Workshop: Science and Scientists in the Contemporary Policy Process, *Oregon State University*, October 3-4, Portland, Oregon.
165. Lackey, Robert T. 2013. Scientific assertions that muddle ecological policy. Seminar, Advocacy in Science; Science in Advocacy, College of Forestry, *Oregon State University*, October 31, Corvallis, Oregon.
166. Lackey, Robert T. 2013. Scientific assertions that muddle ecological policy. Seminar, Water Resources Graduate Program, *Oregon State University*, November 20, Corvallis, Oregon.
167. Lackey, Robert T. 2014. Science and public policy. Lecture, *Oregon State University*, January 8, Corvallis, Oregon.
168. Lackey, Robert T. 2014. Use and abuse of science in fisheries and wildlife management. Lecture, *Oregon State University*, January 16, Corvallis, Oregon.
169. Lackey, Robert T. 2014. Future of salmon: California, Oregon, Washington, Idaho, and southern British Columbia. Lecture, *Oregon State University*, January 21, Corvallis, Oregon.
170. Lackey, Robert T. 2014. Deconstructing the role of science in ecosystem-based management. Lecture, *Oregon State University*, February 26, Corvallis, Oregon.
171. Lackey, Robert T. 2014. Charting a future for West Coast Salmon: troublesome realities to consider. Lecture, *Oregon State University*, March 10, Corvallis, Oregon.
172. Lackey, Robert T. 2014. Is science biased toward natural? Lecture, *Oregon State University*, March 11, Corvallis, Oregon.
173. Lackey, Robert T. 2014. West Coast salmon: science and policy context. Lecture, *Oregon State University*, April 15, Corvallis, Oregon.
174. Lackey, Robert T. 2014. Use and abuse of science in fisheries and wildlife management. Lecture, *Oregon State University*, April 17, Corvallis, Oregon.

175. Lackey, Robert T. 2014. Deconstructing the role of science in natural resource management. Lecture, *Oregon State University*, April 22, Corvallis, Oregon.
176. Lackey, Robert T. 2014. Four realities circumscribing the future of the Salish Sea. Plenary Lecture, *Salish Sea Ecosystem Conference*, April 30-May 2, Seattle, Washington.
177. Lackey, Robert T. 2014. West Coast salmon: past, present, and future. Lecture, *Oregon Coast Community College*, May 9, Newport, Oregon.
178. Lackey, Robert T. 2014. Defining the proper role of science in environmental and natural resource economics. Lecture, *Oregon State University*, May 19, Corvallis, Oregon.
179. Lackey, Robert T. 2014. Is science biased toward natural? Plenary Lecture, *35<sup>th</sup> Annual North American Meeting of the Society of Environmental Toxicology and Chemistry*, November 9-13, Vancouver, British Columbia.
180. Lackey, Robert T. 2014. Role of science in water resource policy. Lecture, *Oregon State University*, November 25, Corvallis, Oregon.
181. Lackey, Robert T. 2015. Normative science and fisheries and wildlife management. Lecture, *Oregon State University*, January 20, Corvallis, Oregon.
182. Lackey, Robert T. 2015. Use and abuse of science in fisheries and wildlife management. Lecture, *Oregon State University*, January 22, Corvallis, Oregon.
183. Lackey, Robert T. 2015. Deconstructing the role of science in ecosystem-based management. Lecture, *Oregon State University*, February 2, Corvallis, Oregon.
184. Lackey, Robert T. 2015. Role of science in environmental policy and management. Lecture, *Oregon State University*, February 17, Corvallis, Oregon.
185. Lackey, Robert T. 2015. Science and public policy: maintaining relevance, ensuring accuracy, and avoiding advocacy. Seminar, *Virginia Tech*, March 5, Blacksburg, Virginia.
186. Lackey, Robert T. 2015. Future of west coast salmon: understanding the policy context. Lecture, *Oregon State University*, March 9, Corvallis, Oregon.
187. Lackey, Robert T. 2015. Has science become just about irrelevant in informing policy debates? Plenary Lecture, Annual General Conference, *British Columbia College of Applied Biology*, March 13, Vancouver, British Columbia.
188. Lackey, Robert T. 2015. Defining appropriate roles for science and scientists in public policy. Lecture, *Oregon State University*, April 2, Corvallis, Oregon.

189. Lackey, Robert T. 2015. Has science become just about irrelevant in informing policy debates? Plenary Lecture, Joint Annual Meeting, *Oregon Chapter of The Wildlife Society and Oregon Society of American Foresters*. April 29, Eugene, Oregon.
190. Lackey, Robert T. 2015. Use and abuse of science in natural resource management. Lecture, *Oregon State University*, May 14, Corvallis, Oregon.
191. Lackey, Robert T. 2015. Future of West Coast salmon: management in the real world. Lecture, *Oregon State University*, May 21, Corvallis, Oregon.
192. Lackey, Robert T. 2015. Use and abuse of science in water resource management and policy. Lecture, *Oregon State University*, May 26, Corvallis, Oregon.
193. Lackey, Robert T. 2015. Public policy: where does biological conservation fit? Lecture, *Oregon State University*, October 15, Corvallis, Oregon.
194. Lackey, Robert T. 2016. Role of science in environmental policy and management. Lecture, *Oregon State University*, January 6, Corvallis, Oregon.
195. Lackey, Robert T. 2016. Normative science and fisheries and wildlife management. Lecture, *Oregon State University*, January 14, Corvallis, Oregon.
196. Lackey, Robert T. 2016. Future of wild salmon: hidden delusions and clever indulgences. Keynote Lecture, *Salmonid Enhancement Program, Canada Department of Fisheries and Oceans*, February 16, Cowichan Bay, British Columbia.
197. Lackey, Robert T. 2016. Natural resource policy and management: use and abuse of science. Lecture, *Oregon State University*, March 3, Corvallis, Oregon.
198. Lackey, Robert T. 2016. Conservation biology: delineating an appropriate role for science and scientists. Lecture, *Oregon State University*, March 8, Corvallis, Oregon.
199. Lackey, Robert T. 2016. Salmon without rivers: a natural resource management case study. Lecture, *Oregon State University*, March 9, Corvallis, Oregon.
200. Lackey, Robert T. 2016. Use — and abuse — of science in natural resource management. Lecture, *Humboldt State University*, April 7, Arcata, California.
201. Lackey, Robert T. 2016. Salmon, delusional reality, and indulgences atoning for guilt. Lecture, *Michael G. Scott Distinguished Lecture Series, Humboldt State University*, April 7, Arcata, California.
202. Lackey, Robert T. 2016. Salmon management in western North America: a natural resource case study. Lecture, *Oregon State University*, April 12, Corvallis, Oregon.
203. Lackey, Robert T. 2016. Scientists, engineers, and policy advocates: delineating an appropriate role for science. Keynote, *Water Research Symposium*, Oregon State University, April 18, Corvallis, Oregon.

204. Lackey, Robert T. 2016. Defining appropriate roles for science and scientists in public policy. Lecture, *Oregon State University*, April 21, Corvallis, Oregon.
205. Lackey, Robert T. 2016. Use and abuse of science in natural resource management. Lecture, *Oregon State University*, April 28, Corvallis, Oregon.
206. Lackey, Robert T. 2016. Use — and abuse — of science in water resource policy and management. Webinar Lecture, *American Water Resources Association*, May 4, Middleburg, Virginia.
207. Lackey, Robert T. 2017. Role of science in marine resource management: use, abuse, confusion, and discord. Lecture, *Oregon State University*, January 18, Corvallis, Oregon.
208. Lackey, Robert T. 2017. Water resource management: how to recognize policy-biased science. Lecture, *Oregon State University*, January 24, Corvallis, Oregon.
209. Lackey, Robert T. 2017. Use and misuse of science in fisheries and wildlife management. Lecture, *Oregon State University*, January 26, Corvallis, Oregon.
210. Lackey, Robert T. 2017. The future of West Coast salmon: a fisheries and wildlife policy case study. Lecture, *Oregon State University*, March 10, Corvallis, Oregon.
211. Lackey, Robert T. 2017. West Coast salmon recovery: deconstructing the conundrum. Lecture, *Oregon State University*, April 19, Corvallis, Oregon.
212. Lackey, Robert T. 2017. Water resource management: a practitioner's guide to the proper use of science. Lecture, *Oregon State University*, May 11, Corvallis, Oregon.
213. Lackey, Robert T. 2017. Water resource management: be careful how science is used. Lecture, *Oregon State University*, May 25, Corvallis, Oregon.
214. Lackey, Robert T. 2017. Environmental science, policy, and management. Lecture, *Oregon State University*, September 29, Corvallis, Oregon.
215. Lackey, Robert T. 2017. Public policy: realities for scientists and managers. Lecture, *Oregon State University*, October 5, Corvallis, Oregon.
216. Lackey, Robert T. 2017. Water resource management: identifying advocacy masquerading as science. Keynote Lecture, *American Water Resources Association*, Annual Conference, Montana Section, October 19, Helena, Montana.
217. Lackey, Robert T. 2018. A practitioner's guide to identifying advocacy masquerading as science. Lecture, Marine Resource Management, *Oregon State University*, January 17, Corvallis, Oregon.
218. Lackey, Robert T. 2018. A practitioner's guide to identifying advocacy masquerading as science. Lecture, Geosciences Program Seminar Series, *Oregon State University*, January 29, Corvallis, Oregon.

219. Lackey, Robert T. 2018. Salmon recovery and delusional reality: indulgences atoning for guilt? Keynote Lecture, *River Restoration Northwest Conference*, February 6, Skamania, Washington.
220. Lackey, Robert T. 2018. Natural resource policy and management: the evolving role of science. Lecture, *Oregon State University*, February 15, Corvallis, Oregon.
221. Lackey, Robert T. 2018. The future of West Coast salmon: a fisheries and wildlife management case study. Lecture, *Oregon State University*, March 9, Corvallis, Oregon.
222. Lackey, Robert T. 2018. The future of wild salmon: a policy analysis. Lecture, *Oregon State University*, April 17, Corvallis, Oregon.
223. Lackey, Robert T. 2018. Is science on a path to irrelevance in policy and management? Plenary Lecture, *National Convention, Society of American Foresters*, October 4, Portland, Oregon. [Reprinted: *The Forestry Source* (November, 2018)], *Society of American Foresters*, 23(11): 5-6, 21.]
224. Lackey, Robert T. 2018. Environmental science, policy, and management. Lecture, *Oregon State University*, November 2, Corvallis, Oregon.
225. Lackey, Robert T. 2019. A practitioner's guide to policy advocacy masquerading as science. Lecture, *Oregon State University*, January 14, Corvallis, Oregon.
226. Lackey, Robert T. 2019. Is science on a path to irrelevance in policy and management? Plenary Lecture, *15<sup>th</sup> Annual Banff Conference, Alberta Institute of Agrologists*, March 28, Banff, Alberta.
227. Lackey, Robert T. 2019. Water policy and management: how to spot policy-biased science. Lecture, *Oregon State University*, April 25, Corvallis, Oregon.
228. Lackey, Robert T. 2019. Environmental policy and management: understanding the appropriate role for science. Lecture, *Oregon State University*, October 4, Corvallis, Oregon.
229. Lackey, Robert T. 2019. Water policy and management: the proper use of science. Lecture, *Oregon State University*, November 5, Corvallis, Oregon.
230. Lackey, Robert T. 2020. Science, policy, and politics: confessions of a recovering bureaucrat. Lecture, *Oregon State University*, January 13, Corvallis, Oregon.
231. Lackey, Robert T. 2020. Environmental science, policy, and politics: confessions of a scientist turned bureaucrat. Lecture, *Oregon State University*, January 15, Corvallis, Oregon.
232. Lackey, Robert T. 2020. Darwin was right: a scientist needs a heart of stone. *American Fisheries Society, Oregon Chapter*, 56<sup>th</sup> Annual Meeting, March 6, Bend, Oregon.
233. Lackey, Robert T. 2021. Introduction to ecology policy. Lecture, *Oregon State University*, January 20, Corvallis, Oregon.
234. Lackey, Robert T. 2021. Environmental science, policy, and management. Lecture, *Oregon State University*, October 1, Corvallis, Oregon.

235. Lackey, Robert T. 2022. Scientists operating in a policy world: rules to follow. Lecture, *Oregon State University*, January 19, Corvallis, Oregon.
236. Lackey, Robert T. 2022. Top ten reasons why wild salmon runs collapsed. Lecture, *Trout Unlimited*, Corvallis Chapter, February 1, Corvallis, Oregon.
237. Lackey, Robert T. 2022. Pacific Northwest salmon: a management case study. Lecture, *Oregon State University*, April 5, Corvallis, Oregon.
238. Jackson, Elizabeth R., and Robert T. Lackey. 2022. How Federal employees manage the challenge of implementing the Endangered Species Act. Annual National Meeting, *American Fisheries Society*, August 22, Spokane, Washington.
239. Lackey, Robert T. 2022. Environmental science: practical lessons learned from three decades as a government scientist. Lecture, *Oregon State University*, October 14, Corvallis, Oregon.
240. Lackey, Robert T. 2022. Top ten things that scientists get wrong about policy making. Seminar, *Legislative Policy and Research Office*, November 21, Salem, Oregon.
241. Lackey, Robert T. 2023. Pacific Northwest salmon: a public policy case study. Lecture, *Oregon State University*, April 6, Corvallis, Oregon.
242. Lackey, Robert T. 2023. Environmental science, management, and policy. Lecture, *Oregon State University*, October 6, Corvallis, Oregon.
243. Lackey, Robert T. 2023. Pacific Northwest salmon: a public policy case study. Lecture, *Oregon State University*, October 10, Corvallis, Oregon.
244. Lackey, Robert T. 2023. Columbia River Basin: how would ending fishing and closing hatcheries change wild salmon and steelhead abundance? Seminar, Pacific Salmon Commission, November 29, Vancouver, British Columbia, Canada.

## BOOK REVIEWS (since 1994)

1. Lackey, Robert T. 1994. Research along a pole-to-pole transect. *BioScience*. 44(7): 502-503. [Review of *Earth System Responses to Global Change: Contrasts Between North and South America*. Harold A. Mooney, Eduardo R. Fuentes, and Barbara I. Kronberg, eds. Academic Press, San Diego, 1993].
2. Lackey, Robert. T. 1995. The future of the earth. *BioScience*. 45(4): 295-296. [Review of *Surviving with the Biosphere*. Nicholas Polunin and John Burnett, eds. Edinburgh University Press, Edinburgh, Scotland, 1993].
3. Lackey, Robert T. 1996. Sustainability and economic development. *BioScience*. 46(7): 548. [Review of *Environmental Management: Issues and Solutions*. Michael Atchia and Shawna Tropp, eds. John Wiley and Sons, New York, N.Y., 1995].

4. Lackey, Robert T. 1996. *Quarterly Review of Biology*. 71(1): 144. [Review of *Natural Resource Conservation: Management for a Sustainable Future*. Oliver S. Owen and Daniel D. Chiras, Prentice Hall, Englewood Cliffs, New Jersey, 1995].
5. Lackey, Robert T. 1996. *Quarterly Review of Biology*. 71(3): 429. [Review of *The Seven States of California: a Natural and Human History*. Philip L. Fradkin, Henry Holt and Company, New York, N.Y., 1995].
6. Lackey, Robert T. 1996. *Northwest Science*. 70(3): 289-290. [Review of *In a Dark Wood: The Fight over Forests and the Rising Tyranny of Ecology*. Alston Chase, Houghton Mifflin Company, Boston, Massachusetts, 1995].
7. Lackey, Robert T. 1997. Energy policy and ecological sustainability. *BioScience*. 47(9): 627-628. [Review of *Food, Energy, and Society*. David Pimentel and Marcia Pimentel, eds. University Press of Colorado, Niwot, Colorado, 1996].
8. Lackey, Robert T. 1998. *Northwest Science*. 72(1): 68-69. [Review of *Upstream: Salmon and Society in the Pacific Northwest*. Committee on Protection and Management of Pacific Northwest Anadromous Salmonids, National Academy Press, Washington, DC, 1996].
9. Lackey, Robert T. 1999. *Quarterly Review of Biology*. 74(1): 96-97. [Review of *Ecosystem Health*. David J. Rapport, Robert Costanza, Paul R. Epstein, Connie L. Gaudet, and Richard Levins, Blackwell Science, Malden, Massachusetts, 1998].
10. Lackey, Robert T. 2000. Train wrecks in the woods. *BioScience*. 50(1): 82-83. [Review of *Ecosystem Management: Applications for Sustainable Forest and Wildlife Resources*. Mark S. Boyce and Alan W. Haney, eds. Yale University Press, New Haven, Connecticut, 1997].
11. Lackey, Robert T. 2001. *Reviews in Fish Biology and Fisheries*. 11(4): 363-364. [Review of *Sustainable Fishery Systems*. Anthony T. Charles, Blackwell Science, Osney Mead, Oxford, United Kingdom, 2001].
12. Lackey, Robert T. 2003. *Quarterly Review of Biology*. 78(4): 499-500. [Review of *Searching for Sustainability: Interdisciplinary Essays in the Philosophy of Conservation Biology*. Bryan G. Norton, Cambridge University Press, Cambridge, United Kingdom, 2003].
13. Lackey, Robert T. 2004. *Fisheries*. 29(3): 39. [Review of *Ecosystem Management: Adaptive, Community-based Conservation*. Gary K. Meffe, Larry A. Nielsen, Richard L. Knight, and Dennis A. Schenborn, Island Press, Washington, DC, 2002].
14. Lackey, Robert T. 2004. *Environmental Reviews*. 12(4): 219-220. [Review of *Fishes and Forestry: Worldwide Watershed Interactions and Management*. Thomas G. Northcote and Gordon F. Hartman, eds. Blackwell Science, Ltd., Oxford, UK, 2004].
15. Lackey, Robert T. 2008. Scientists and democracy. *BioScience*. 58(4): 359-360. [Review of *The Honest Broker: Making Sense of Science in Policy and Politics*. Roger A. Pielke, Jr., Cambridge University Press, Cambridge, UK, 2007].

