

CURRICULUM VITA

DAVID L. GALAT

PERSONAL

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EDUCATION

Cornell University	BS, Natural Resources	1972
Colorado State University	MS, Fisheries & Wildlife	1974
Colorado State University	PhD, Fisheries & Wildlife	1982

PROFESSIONAL INTERESTS

Ecology and restoration of large rivers and floodplain wetlands
Ecology and conservation of native riverine fishes
Science informing natural resource policy
Application of collaborative adaptive management to socio-ecological sustainability

PROFESSIONAL EMPLOYMENT

U.S. Fish and Wildlife Service	Biological Aide	1967
Cornell University		
Cooperative Fisheries Research Unit	Research Assistant	1968-1972
Colorado State University		
Cooperative Fisheries Research Unit	Graduate Research Assistant	1972-1974
Oregon State University		
Department of Fisheries and Wildlife Biology	Research Assistant	1974-1975
Colorado State University		
Cooperative Fisheries Research Unit	Research Associate	1975-1982
Colorado State University		
Cooperative Fisheries Research Unit	Research Scientist	1982-1983
University of Nevada		
Desert Research Institute	Assistant Research Professor	
Biological Sciences Center	Leader, Aquatic Ecology Group	1983-1984
Arizona State University		
Department of Zoology	Assistant Professor	1984-1988
U.S. Geological Survey, Missouri Cooperative Fish & Wildlife Research Unit (GS-15)	Assistant Unit Leader-Fisheries Unit Leader	Oct 1988-2008, Dec 2010 Jul 2008- Jun 2010
University of Missouri	Cooperative Associate Professor	Oct 1988-Dec 2010
Department of Fishery and Wildlife Sciences		
The Nature Conservancy, Great Rivers Partnership	Science Advisor	Jan 2011- May 2013
University of Missouri	Cooperative Associate Professor,	
Department of Fishery and Wildlife Sciences	Retired	Jan 2011- present

PROFESSIONAL ACTIVITIES

Multi-year Advisory Panels/Committees

Interagency Floodplain Management Review Committee, Scientific Assessment and Strategy Team, White House Office on Environmental Policy, 1994-97. <http://egsc.usgs.gov/isb/pubs/factsheets/fs10399.html>

San Juan River Recovery Implementation Program, 1999-2002. <http://www.fws.gov/southwest/sjrip/>

National Academy of Sciences, National Research Council:

Committee to Assess the U.S. Army Corps of Engineers Methods of Analysis and Peer Review for Water Resources Project Planning: Panel on Methods and Techniques of Project Analysis, 2002-2003.

http://www.nap.edu/catalog.php?record_id=10973#toc

Committee on Missouri River Recovery and Associated Sediment Management Issues. 2008-2010.

<http://www8.nationalacademies.org/cp/projectview.aspx?key=48946>

The Nature Conservancy's Great Rivers Partnership, Great Rivers Center for Conservation and Learning, 2005-2008. <http://www.nature.org/wherewework/greatrivers/science/>

Upper Mississippi River System Navigation and Ecosystem Sustainability Program's Science Panel, 2005-2011.

<http://www2.mvr.usace.army.mil/UMRS/NESP//>

Platte River Recovery Implementation Program, Independent Science Advisory Committee, 2009-present.

<http://platteriverprogram.org/default.aspx>

Missouri River Recovery Implementation Committee (MRRIC). Alternate Representative Fish & Wildlife, member Science and Adaptive Management Working Group, 2011- 2013.

<http://www.moriverrecovery.org/mrrp/f?p=136:3:3205488094542190::NO::>

The Nature Conservancy's Great Rivers Partnership, Science Advisor, 2011-2013.

<http://www.greatriverspartnership.org/>

Missouri River Recovery Program, Independent Science Advisory Panel, 2013-2014

<http://projects.ecr.gov/moriversciencepanel/AdvisoryPanelists.aspx>

Missouri River Recovery Implementation Committee (MRRIC). Primary At Large Representative, member Science and Adaptive Management Working Group; Point of Contact, AM Governance Planning Ad Hoc Group 2016-2020.

<http://www.moriverrecovery.org/mrrp/f?p=136:3:3205488094542190::NO::>

Editorial Experience

Associate editor - fisheries, *Wetlands*, 1997-1998

Editor for the Americas, *Regulated Rivers: Research & Management*, 1999-2001; *River Research and Applications* 2002-2003, Associate Editor 2003-2014

Co-editor, Special Issue of *Ecology & Society* 18(2): Advancing Collaborative Adaptive Management (CAM). 2011-2014.

Miscellaneous

Technical advisor to: U. S. Fish and Wildlife Service, U. S. Environmental Protection Agency, U. S. Bureau of Indian Affairs, U. S. Army Corps of Engineers, U. S. Forest Service, U. S. Bureau of Reclamation, Jones & Stokes Engineering, Thorne Ecological Institute, Rocky Mountain Center on the Environment, American Rivers, The Nature Conservancy, Native American Rights Fund, Pyramid Lake Paiute Indian Tribe, Summit Lake Indian Tribe, Quinault Indian Tribe, Missouri River Natural Resources Committee.

Referee for American Midland Naturalist, BioScience, Ecology, Ecological Applications, Ecosystems, Environmental Management, Freshwater Biology, Hydrobiologia, International Union for the Conservation of Nature, Journal of Fish Biology, Journal of Freshwater Ecology, Journal of Plankton Research, North American Journal of Fisheries Management, Regulated Rivers: Research and Management, River Research and Applications, Transactions of the American Fisheries Society, U. S. Environmental Protection Agency, Water Research, Water Science and Technology.

Extramural reviewer of grant proposals for National Science Foundation: Ecology, Ecosystem Studies, Population Biology and Physiological Ecology, Michigan Sea Grant Program, U.S. Environmental Protection Agency, U. S. Geological Survey, Austrian Science Foundation.

Member: Committee on Desert and Arid Zone Research, Southwestern & Rocky Mountain Division, American Association for the Advancement of Science, 1984-1988; Co-director, International Consortium for Salt Lake Research, 1988-1995; U.S. Environmental Protection Agency's Large Rivers Science Advisors Work Group, 1998; Niangua Darter Recovery Team, 1993-2002; National Center for Ecological Analysis and Synthesis, Working Group on Interdisciplinary Synthesis of Flooding, 1999-2000; Water Environment Research Foundation Large Rivers Advisory Group 1999; U. S Fish & Wildlife Service and U.S. Army Corps of Engineers Missouri River Scientific Review Panel 2000; U.S. Geological Survey's Missouri River Science Plan Writing Team 2001; Illinois Nature Conservancy, Emiquon Wetlands Restoration Project, Science Advisory Council 2001-2004

Science Coordinator, Population Structure and Habitat Use of Benthic Fishes along the Missouri and Lower Yellowstone Rivers, 1995-2000. <http://infolink.cr.usgs.gov/Science/BenthicFish/BenthicFish.htm>

Technical Advisor. 2003. U.S. Fish & Wildlife Service and U.S. Army Corps of Engineers. Preparation of the 2003 Missouri River Biological Opinion.

Principal Investigator, National Riverine Restoration Science Synthesis Working Group, National Center for Ecological Analysis and Synthesis; Team Leader for Central US large rivers node, 2003-2006.

USGS Representative to Hydrology and Water Quality and Pallid Sturgeon/Fish & Wildlife Technical Working Groups. Missouri River Restoration and Recovery – Spring Rise Process. U.S. Institute for Environmental Conflict Resolution and CDR Associates, 2005.

Member of panel that briefed the President's Council on Environmental Quality on the state of Missouri River Science. 2006.

Core Planning Team Member, The Nature Conservancy's Conservation Action Planning for the Lower Missouri River, 2005-2007

Core Advisory Group, Collaborative Adaptive Management Network (CAMNet) 2009-2014
<http://www.adaptivemanagement.net/>

Missouri River Authorized Purposes Study (MRAPS): Historical Perspectives Briefing. 12 Feb 2010. Invited panelist to brief Corps of Engineers staff from NW Division, Omaha, Kansas City and St. Louis Districts.

Invited participant to America's Inner Coast Summit, June 22-24, 2010, St. Louis, Missouri.
<http://conference.ifas.ufl.edu/aics/>

Participated in a structured interview with Government Accounting Office (GAO) examining potential impacts of river training structures on river stage in the Middle Mississippi River. 2011.

Technical assistance to Headwaters Corporation on ecology of Rio Grande silvery minnow, its role in adaptive management of the Middle Rio Grande, and preparation of the Middle Rio Grande Endangered Species

Collaborative Program Adaptive Management Plan, Version 1, Jan-Oct 2011.

<http://www.middleriogrande.com/LinkClick.aspx?fileticket=d%2FzdKUAz9LI%3D&tabid=460&mid=1307>

RECENT PROFESSIONAL TRAINING

Collaborative adaptive assessment of integrated alternatives for adaptive management on a pilot stretch of the Missouri River. March 2004, Lied Conference Center, Nebraska City,

Independent Science Review Workshop: Towards a fair way to judge science in the Missouri River Basin. May 2004, Missouri River Natural Resources Conference, Columbia, MO

Adaptive environmental assessment and management short course, 28 July – 1 Aug 2008, University of NE – Lincoln.

Certificate of completion of 40 hours of training in theory and practice of conflict mediation. CDR Associates, Boulder, Colorado; 27-31 October 2008.

Introduction to Structured Decision Making, National Conservation Training Center, 2-6 March 2009

Certificate of Completion of 24 hours of training in Facilitation and Mediation of Public and Environmental Conflicts, 13-15 April 2010, Collaborative Decision Resources Boulder CO.

AWARDS

1991, 1992, 1995. Special Achievement Award, U. S. Fish and Wildlife Service, National Biological Survey

1994-95. Letters of recognition for participation on the White House Interagency Floodplain Review Committee and Scientific Assessment and Strategy Team from Vice President Al Gore, Secretary of Interior Bruce Babbitt and the Missouri Chapter, American Fisheries Society. Received National Biological Service's Special Achievement Award for this contribution.

2003. Missouri Chapter, American Fisheries Society, John L. Funk Award of Excellence in recognition for long-term contributions to aquatic resource conservation in Missouri.

2003. Letter of Recognition from the U. S. Fish and Wildlife Service for Technical Assistance on preparation of their 2003 Biological Opinion on Operations of the Missouri River System.

2005, 2009. USGS STAR Award for Superior Performance Achievement

May 2010. University of Missouri Gold Chalk Award for Graduate Student Mentoring, MU Graduate Professional Council

Nov 2010. The National Judicial College, Certificate for serving with distinction as Faculty, Dividing the Waters, National Conference, St. Louis, MO.

Jan 2011. Certificate of Appreciation for Outstanding Service: Committee on the Missouri River Recovery and Associated Sediment Management Issues Member (2008-2010). National Research Council of the National Academies, Water Science and Technology Board.

Aug 2020. Letter of commendation for service on the Missouri River Recovery Implementation Committee (2011-13; 2017-20), Brigadier General Peter Helminger, U.S. Army Corps of Engineers, Division Commander.

TEACHING/TRAINING EXPERIENCE

Colorado State University

- 1974 Identification of freshwater invertebrates, short course to Colorado Division Wildlife staff
Division of Wildlife Conservation Officers.
- 1973-1974 Visiting Faculty, stream ecology, Wright-Ingraham Institute, CO.
- 1983 2-day college-level lecture-laboratory survey of aquatic ecology.

Arizona State University

- 1984-1987 BIO 217 Introduction to Fish and Wildlife Biology
- 1985-1986 ZOL 394 Contemporary Environmental Issues
- 1985-1986 BIO 426 Limnology, Limnology Laboratory
- 1987 ZOL 591 Graduate Seminar, Consumer vs. Producer Control of Community Structure

University of Missouri

- 1989 FW 401 Special Topics Graduate Seminar: Predation Impacts on Aquatic Communities
- 1990-1991 FW 401 Special Topics Graduate Seminar: Large River Ecosystems
- 1992-93 FW 401 Special Topics Graduate Seminar: Recovery of Lotic Ecosystems
Following Disturbance
- 1989-2010 FW 8440 Fish Ecology (alternate years)
- 1994-1998 FW 432 Stream Ecology, large rivers section
- 1997-1999 FW 429 Wetland Ecology, fisheries section
- 1999 FW 401 Special Topics Graduate Seminar: Seminal Concepts in Ecology
- 2008 FW8001 Special Topics Graduate Seminar: Integrating management, monitoring and research:
adaptive management for animal conservation (Co-taught with Drs. James Peterson and
Michael Conroy, University of Georgia)
- 2009 FW8001 Special Topics Graduate Seminar: The role of science in environmental decisions
- 2011 Two-day training course (co-taught with Kent Loftin, Hydroplan) to 35 Missouri Department of
Natural Resources staff on principles and application of Adaptive Management to a diverse
range natural resource issues.

PROFESSIONAL SOCIETIES

American Fisheries Society 1970-2014; Publications Award Committee, 1983-1984; Endangered Fishes Committee
1993-94, Legislative Action Committee 1995-96; President, Missouri Chapter, 1993.

American Institute of Biological Sciences 1998-2014

Ecological Society of America 1980-2014

International Society of Limnology 1976-2014

North American Benthological Society 1972-2014

Society for Conservation Biology 1988-2014

Society of Wetland Scientists 1995-2013

Society for Ecological Restoration 2003-2014

International Society for River Science 2007-2016

PUBLICATIONS**Peer Reviewed Journals**

1. Galat, D. L. 1972. Preparing teleost embryos for study. *Progressive Fish Culturist* 34(1):43-47.
2. Galat, D. L. 1973. The normal embryology of the muskellunge (*Esox masquinongy*). *Transactions of the American Fisheries Society* 102:384-391.
3. Galat, D. L. and A. W. Eipper. 1975. Presence of food organisms in the prolarval environment as a factor in the growth and mortality of larval muskellunge (*Esox masquinongy*). *Transactions of the American Fisheries Society* 104:338-341.
4. Bergersen, E. P. and D. L. Galat. 1975. Coniferous tree bark: A lightweight substitute for limestone rock in barbecue basket macroinvertebrate samplers. *Water Research* 9:729-731.

5. **Galat, D. L.**, E. L. Lider, S. Vigg and S. R. Robertson. 1981. Limnology of a large, deep, North American terminal lake, Pyramid Lake, Nevada, U.S.A. *Hydrobiologia* 82:281-317.
6. Berg, C. P., S. R. Schneider and **D. L. Galat**. 1981. Calcium carbonate precipitation in Pyramid Lake, Nevada, as monitored by satellite: 1978 and 1980. *Proceedings 15th International Symposium on Remote Sensing of the Environment* 15:721-731.
7. **Galat, D. L.** and N. Vucinich. 1983. Food of larval tui chubs, *Gila bicolor*, in Pyramid Lake, Nevada. *Great Basin Naturalist* 43:175-178.
8. **Galat, D. L.** and N. Vucinich. 1983. Food partitioning between young of the year of two sympatric tui chub morphs. *Transactions of the American Fisheries Society* 112:486-497.
9. **Galat, D. L.** and R. Robinson. 1983. Predicted effects of increasing salinity on the crustacean zooplankton community of Pyramid Lake, Nevada. *Hydrobiologia* 105:115-131.
10. Hamilton-Galat, K. and **D. L. Galat**. 1983. Seasonal variation of nutrients, organic carbon, ATP, and microbial standing crops in a vertical profile of Pyramid Lake, Nevada. *Hydrobiologia* 105:27-43.
11. **Galat, D. L.**, G. Post, T. J. Keefe and G. R. Bouck. 1985. Histological changes in the gill, kidney, and liver of Lahontan cutthroat trout, (*Salmo clarki henshawi*), living in lakes of different salinity-alkalinity. *Journal Fish Biology* 27:533-552.
12. **Galat, D. L.** and R. L. Jacobson. 1985. Recurrent aragonite precipitation in saline-alkaline Pyramid Lake, Nevada. *Archiv für Hydrobiologie* 105:137-159.
13. Horne, A. J. and **D. L. Galat**. 1985. Nitrogen fixation in an oligotrophic, saline desert lake: Pyramid Lake, Nevada. *Limnology and Oceanography* 30:1229-1239.
14. **Galat, D. L.** 1986. Organic carbon flux to a large salt lake: Pyramid Lake, Nevada, USA. *International Revue Gesamten Hydrobiologie* 71:621-654.
15. **Galat, D. L.**, M. Coleman and R. Robinson. 1988. Experimental effects of elevated salinity on three benthic invertebrates in Pyramid Lake, Nevada. *Hydrobiologia* 158:133-144.
16. **Galat, D. L.** and J. P. Verdin. 1988. Magnitude of blue-green algal blooms in a terminal saline lake evaluated by remote sensing: evidence for nitrogen control. *Canadian Journal of Fisheries and Aquatic Sciences* 45:1959-1967.
17. Galat, D. L. and J. P. Verdin. 1989. Large-scale patchiness and collapse of a blue-green algal bloom in a desert saline lake: synoptic sampling and remote sensing. *Journal of Plankton Research* 11:925-948.
18. **Galat, D. L.**, J. P. Verdin and L. L. Sims. 1990. Large-scale patterns of *Nodularia spumigena* blooms in Pyramid Lake, Nevada, determined from Landsat imagery. *Hydrobiologia* 197:147-164.
19. **Galat, D. L.** 1990. Seasonal and long-term trends in Truckee River nutrient concentrations and loadings to Pyramid Lake, Nevada: a terminal saline lake. *Water Research* 24:1031-1040.
20. **Galat, D. L.** 1990. Estimating fluvial mass-transport to lakes and reservoirs: avoiding spurious self-correlations. *Lake and Reservoir Management* 6:153-163.
21. **Galat, D. L.** and B. Robertson. 1992. Response of endangered *Poeciliopsis occidentalis sonoriensis* in the Rio Yaqui drainage, Arizona, to introduced *Gambusia affinis*. *Environmental Biology of Fishes* 33:249-264.

22. Monda, D. P., **D. L. Galat** and S. E. Finger. 1995. Evaluating ammonia toxicity in sewage effluent to stream macroinvertebrates: I. A multi-level approach. *Archives of Environmental Contaminants and Toxicology* 28:378-384.
23. Monda, D. P., **D. L. Galat**, S. E. Finger and M. S. Kaiser. 1995. Acute toxicity of ammonia (NH₃-N) in sewage effluent in *Chironomus riparius*: II. Using a generalized linear model. *Archives of Environmental Contaminants and Toxicology* 28:385-390.
24. **Galat, D.** and J. Rasmussen. 1995. After the flood: realizing the vision for floodplain management on the lower Missouri River. *Fisheries* 20(5):30. Invited editorial.
25. Poddubny, A. G. and **D. L. Galat**. 1995. Habitat associations of upper Volga River fishes: effects of reservoirs. *Regulated Rivers: Research and Management* 11: 67-84.
26. **Galat, D. L.**, J. F. Kubisiak, J. B. Hooker, and L. M. Sowa. 1997. Geomorphology, distribution and connectivity of lower Missouri River floodplain waterbodies scoured by the flood of 1993. *Verhandlungen des Internationalen Verein Limnologie*. 21: 869-878.
27. Doisy, K. E., C. F. Rabeni and **D. L. Galat**. 1997. The benthic insect community of the lower Jacks Fork River. *Transactions of the Missouri Academy of Sciences* 31:19-36.
28. **Galat, D. L.**, and 16 coauthors. 1998. Flooding to restore connectivity of regulated, large-river wetlands. *BioScience* 48:21-33.
29. Tibbs, J. E. and **D. L. Galat**. 1998. The influence of river stage on endangered least terns and their fish prey in the Mississippi River (USA). *Regulated Rivers: Research and Management* 14:257-266.
30. Dieterman, D. J., M. S. Baird, and **D. L. Galat**. 2000. Mortality of paddlefish in hoop nets in the lower Missouri River, Missouri. *North American Journal of Fishery Management* 20:226-230.
31. **Galat, D. L.** and R. Lipkin. 2000. Restoring the ecological integrity of great rivers: historical hydrographs aid in defining reference conditions for the Missouri River. *Hydrobiologia* 422/423:29-48.
32. **Galat, D. L.** and I. Zweimüller. 2001. Conserving large-river fishes: is the *highway analogy* an appropriate paradigm? *Journal of the North American Benthological Society* 20:266-279.
33. Dugger, K. M., M. R. Ryan, **D. L. Galat**, R. B. Renken, and J. Smith. 2002. Reproductive success of the Interior least tern (*Sterna antillarum*) in relation to hydrology on the lower Mississippi River. *River Research and Applications* 18:97-106.
34. Rabeni, C. F., K. E. Doisy, and **D. L. Galat**. 2002. Testing the biological basis of a stream habitat classification using benthic invertebrates. *Ecological Applications* 12:782-796.
35. Sargent, J. C. and **D. L. Galat**. 2002. Fish mortality and physicochemistry in a managed wetland along the lower Missouri River. *Wetlands Ecology and Management* 10:113-119.
36. Mattingly, H. T. and **D. L. Galat**. 2002. Distributional patterns of the threatened Niangua darter, *Etheostoma nianguae* at three spatial scales, with implications for species conservation. *Copeia* 2002:573-585.
37. Mattingly, H. T., J. Hamilton, and **D. L. Galat**. 2003. Reproductive ecology and captive breeding of the threatened Niangua darter, *Etheostoma nianguae*. *American Midland Naturalist* 149:375-383.
38. Wildhaber, M. L., P. J. Lamberson, and **D. L. Galat**. 2003. A comparison of measures of riverbed form for evaluating distributions of benthic fishes. *North American Journal of Fisheries Management* 23:543-557.

(nominated for Best Paper of 2003)

39. Dieterman, D. D. and **D. L. Galat**. 2004. Large-scale factors associated with sicklefin chub distribution in the Missouri and lower Yellowstone Rivers. *Transactions of the American Fisheries Society*. 133:577-587.
40. Mattingly, H. T., and **D. L. Galat**. 2004. Predictive performance of a summer microhabitat model for the threatened Niangua darter, *Etheostoma nianguae*. *Journal of Freshwater Ecology*. 19:109-114.
41. Palmer, M. A. E.S. Bernhardt, J.D. Allan, P.S. Lake, G. Alexander, S. Brooks, J. Carr, S. Clayton, C. Dahm, J. Follstad Shah, **D.L. Galat**, S. Gloss, P. Goodwin, D.H. Hart, B. Hassett, R. Jenkinson, G.M. Kondolf, R. Lave, J.L. Meyer, T.K. O'Donnell, L. Pagano, P. Srivastava, E. Sudduth. 2005. Standards for ecologically successful river restoration. *Journal of Applied Ecology*. 42:208-217.
42. Bernhardt, E. S., M.A. Palmer, J.D. Allan, G. Alexander, K. Barnas, S. Brooks, J. Carr, S. Clayton, C. Dahm, J. Follstad-Shah, **D. Galat**, S. Gloss, P. Goodwin, D. Hart, B. Hassett, R. Jenkinson, S. Katz, G. M. Kondolf, P. S. Lake, R. Lave, J.L. Meyer, T.K. O'Donnell, L. Pagano, B. Powell, and E. Sudduth. 2005. Synthesizing U. S. river restoration efforts. *Science* 308: 636-637.
43. Dieterman, D. D. and **D. L. Galat**. 2005. Variation in body form, taste buds, and brain patterns of the sicklefin chub, *Macrhybopsis meeki*, in the Missouri River and lower Yellowstone River, USA. *Journal of Freshwater Ecology* 20:561-573.
44. Jacobson, R. B. and **D. L. Galat**. 2006. Flow and form in rehabilitation of large-river ecosystems: an example from the lower Missouri River. *Geomorphology*. 77:249-269.
45. Dieterman, D. J., E. Roberts, P. J. Braaten, and **D. L. Galat**. 2006. Reproductive development of the sicklefin chub, *Macrhybopsis meeki*, in the Missouri River. *Prairie Naturalist*. 38(2):113-130.
46. Jenkinson, R., K. A. Barnas, J. H. Braatne, E. S. Bernhardt, M. A. Palmer, J. D. Allan, G. Alexander, S. Brooks, J. Carr, S. Clayton, C. Dahm, J. Follstad-Shah, **D. L. Galat**, S. Gloss, P. Goodwin, D. H. Hart, B. Hassett, G. M. Kondolf, S. Lake, R. Lave, J.L. Meyer, T. K. O'Donnell, L. Pagano, and E. Sudduth. 2006. Stream restoration databases and case studies: A guide to information resources and their utility in advancing the science and practice of restoration. *Restoration Ecology* 14: 177-186
47. O'Donnell, T. K. and **D. L. Galat**. 2007. River enhancement in the upper Mississippi River basin: approaches based on river uses, alterations, and management agencies. *Restoration Ecology*. 15: 538-549.
48. O'Donnell, T. K. and **D. L. Galat**. 2008. Evaluating success criteria and project monitoring in river enhancement within an adaptive management framework. *Environmental Management* 41:90-105.
49. O'Donnell, K.T., C. Baffaut, and **D. L. Galat**. 2008. Predicting effects of best management practices on sediment loads to improve watershed management in the Midwest, U.S.A. *International Journal of River Basin Management*. 6: 243-256.
50. Jacobson, R. B. and **D. L. Galat**. 2008. Design of a naturalized flow regime—an example from the Lower Missouri River, USA. *Ecohydrology* 1:81-104.
51. Reeves, K. S. and **D. L. Galat**. 2010. Do larval fishes exhibit diel drift patterns in a large, turbid river? *Journal of Applied Ichthyology*. 26:571-577.
52. Wildhaber, M. L., A. J. DeLonay, D. M. Papoulias, **D. L. Galat**, R. B. Jacobson, D. G. Simpkins, P. J. Braaten, C. E. Korschgen, and M. J. Mac. 2011. Identifying structural elements needed for development of a predictive life-history model for pallid and shovelnose sturgeons. *Journal of Applied Ichthyology* 27:462-469.

53. Tracy-Smith, E, **D. L. Galat**, and R. B. Jacobson. 2012. Effects of flow dynamics on the aquatic-terrestrial transition zone (ATTZ) of Lower Missouri River sandbars with implications for selected biota. *River Research and Applications*. 28:793-813.
54. Fore, J. S. Sowa, **D. Galat**, G. Annis, D. Diamond, and C. Rewa. 2014. Riverine threat indices to assess watershed condition and identify primary management capacity of agriculture natural resource management agencies. *Environmental Management*. 53 (3):567-582. doi:10.1007/s00267-013-0222-6
55. **Galat, D. L.**, and J. Berkley. 2014. Introduction to exploring opportunities for advancing collaborative adaptive management (CAM): integrating experience and practice. *Ecology and Society* 19(2): 40. <http://dx.doi.org/10.5751/ES-06438-190240>
56. Buckler, J. J. S. Candrl, M. J. McKee, D. M. Papoulias, D. E. Tillitt, and **D. L. Galat**. 2015. Sensitivity of shovelnose sturgeon (*Scaphirhynchus platyrhynchus*) and pallid sturgeon (*S. albus*) early life stages to PCB-126 and 2,3,7,8-TCDD exposure. *Environmental Toxicology and Chemistry* 34: 1417–1424.
57. Fore, J.D. S.P. Sowa, **D.L. Galat**, and D.D. Diamond. 2017. Assessing effects of sediment-reducing agriculture conservation practices on stream fishes. *Journal of Soil and Water Conservation* 72:326-342.

Peer reviewed Book Chapters

1. **Galat, D. L.** and L. Carlson. 1990. Pyramid Lake. Pages 1-17, NAM-23 in Lake Biwa Research Institute and International Lake Environment Committee. Data book of world lake environments. International Lake Environment Committee, UNEP, Otsu, Japan.
2. **Galat, D. L.** 1999. Restoring the natural range of Missouri River flow variability to benefit declining species. Pages 15-18 in R. Sakrison and P. Sturtevant (editors). Watershed management to protect declining species. TPS-99-4. American Water Resources Association, Middleburg, VA.
3. **Galat, D. L.**, C.R. Berry, Jr., E. J. Peters, and R. G. White. 2005. Missouri River. Pages 427-480 in A. C. Benke and C. E. Cushing (editors). *Rivers of North America*. Elsevier, Oxford.
4. **Galat, D. L.**, C. R. Berry, W. M. Gardner, J. C. Hendrickson, G. E. Mestl, G. J. Power, C. Stone, and M. R. Winston. 2005. Spatiotemporal patterns and changes in Missouri River fishes. Pages 249-291 in J. N. Rinne, R. M. Hughes, and B. Calamusso (editors). *Historical changes in large river fish assemblages of the Americas*. American Fisheries Society, Symposium 45, Bethesda, Maryland.
5. **Galat, D. L.**, C.R. Berry, Jr., E. J. Peters, and R. G. White. 2009. Missouri River. Pages 427-480 in A. C. Benke and C. E. Cushing (editors). *Field Guide to Rivers of North America*. Academic Press
6. Paukert, C. P. and **D. L. Galat**. 2010. Warmwater rivers. Pages 699-736 in W. Hubert and M. Quist (editors). *Inland fisheries management*. American Fisheries Society, Bethesda, MD.
7. Galat, D.L., P.J. Braaten, C. Guy, C. Hoagstrom, T. Horton, D. Moser and C. Paukert. In review. Missouri River. in M.D. DeLong, T. Jardine, and A. C. Benke (editors). *Rivers of North America*, 2nd Edition. Elsevier, Oxford.

Peer Reviewed Reports

1. **Galat, D. L.**, W. J. McConnell and K. Hamilton-Galat. 1977. Organic matter contributions to Pyramid Lake. Pages 371-383 in D.C. Greer (ed.). *Desertic terminal lakes*. Proceedings from the International Conference on Desertic Terminal Lakes. Utah Water Research Laboratory, Utah State University, Logan, UT.

2. Berry, C. R. and **D. L. Galat**. 1993. Restoration planning for rivers of the Mississippi River ecosystem: summary. Pages 490-499 *in* L. W. Hesse, C. B. Stalnaker, N. G. Benson and J. R. Zuboy (eds.), Proceedings of the Symposium on Restoration Planning for the Rivers of the Mississippi River Ecosystem. Biol. Rep. 19, U.S. Dep. Interior, National Biological Survey, Washington, DC.
3. Interagency Floodplain Management Review Committee. 1994. Sharing the challenge: Science for floodplain management into the 21st Century. Report of the Interagency Floodplain Management Review Committee to the Administration Floodplain Management Task Force. U.S. Govt. Printing Off., Washington, DC. (**member of committee**)
4. **Galat, D. L.** and A. G. Frazier (eds.). 1996. Overview of river-floodplain ecology in the Upper Mississippi River Basin. V. 3 *of* J. A. Kelmelis (ed.), Science for floodplain management into the 21st Century. U.S. Government Printing Office, Washington, DC.
5. **Galat, D. L.**, J. W. Robinson and L. W. Hesse. 1996. Restoring aquatic resources to the Lower Missouri River: issues and initiatives. Pages 49-72 *in* D. L. Galat and A. G. Frazier (eds.), Overview of river-floodplain ecology in the Upper Mississippi River Basin. V. 3 *of* J. A. Kelmelis (ed.), Science for floodplain management into the 21st century. U.S. Govt. Printing Off., Washington, DC.
6. **Galat, D. L.** 1997. Group discussion II: ecological assessment. Pages 53-54 + appendices *in* G. E. Freeman and A. G. Frazier (eds.), Proceedings of the Scientific Assessment and Strategy Team workshop on hydrology, ecology and hydraulics. V. 5 *of* J. A. Kelmelis (ed.), Science for floodplain management into the 21st century. U.S. Govt. Printing Off., Washington, DC.
7. Milligan, J., J Grady, D. Chapman, E. Ehrhardt, D. Dieterman, **D. Galat**, J. Hooker, J. Kubisiak, E. Little, J. Robinson, and J. Tibbs. 1999. Fishes of Missouri River, chute, and floodplain habitats. Pages 39-54 *in* Initial biotic survey of Lisbon Bottom, Big Muddy National Fish and Wildlife Refuge. U. S. Geological Survey, Biological Resources Division Biological Science Report USGS/BRD/BSR-2000-0001. National Technical Information Service, Springfield, VA.
8. National Research Council. 2004. Analytical methods and approaches for water resources project planning. The National Academies Press, Washington, D. C. (**member of panel**).
http://www.nap.edu/openbook.php?record_id=10973
9. Quist, M. C., A.M. Boelter, J. M. Lovato, N. Korfanta, H.L. Bergman, D.C. Latka, C. Korschgen, **D. L. Galat**, S. Krentz, M. Oetker, M. Olson, C. M. Scott, and J. Berkley. 2004. Research and Assessment Needs for Pallid Sturgeon Recovery in the Missouri River. Final report to the U.S. Geological Survey, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and U.S. Environmental Protection Agency. William D. Ruckelshaus Institute of Environment and Natural Resources, University of Wyoming, Laramie, WY.
<http://www.uwyo.edu/enr/ruckelshaus-institute/publications/reports-and-proceedings.html>
10. **Galat, D.**, J. Barko, M. Davis, K. Lubinski, C. Theiling, P. West, D. Wilcox. 2006. Goals and Objectives. Pages 7-26 *in* Barko, J. W. Barko, B. L. Johnson, and C. H. Theiling (eds). 2006. Environmental Science Panel Report: Implementing Adaptive Management. Upper Mississippi River System Navigation and Ecosystem Sustainability Program – Environmental Report 2. U.S. Army Corps of Engineers, Rock Island, St. Louis, and St. Paul Districts. 112 pp. + appendices.
<http://www2.mvr.usace.army.mil/UMRS/NESP/Projects/NESPPProjects/default.cfm?cat=np&sec=documents&tid=3>
11. Wildhaber, M. L., A. J. DeLonay, D. M., Papoulias, **D. L., Galat**, R. B., Jacobson, D. G. Simpkins, P. J., Braaten, C. E., Korschgen, and M. J. Mac. 2007. A conceptual life-history model for pallid and shovelnose sturgeon: U.S. Geological Survey Circular 1315, 18 p.

12. **Galat, D. L.**, J. W. Barko, S. M. Bartell, M. Davis; B. L. Johnson, K. S. Lubinski, J. M. Nestler, and D. B. Wilcox. 2007. *Environmental Science Panel Report: Establishing System-wide Goals and Objectives for the Upper Mississippi River System*. NESP ENV Report 6. U.S. Army Corps of Engineers, Rock Island, St. Louis, and St. Paul Districts. 32 pp.
<http://www2.mvr.usace.army.mil/UMRS/NESP/Projects/NESPProjects/default.cfm?cat=np&sec=documents&tid=3>
13. National Research Council. 2011. *Missouri River planning: recognizing and incorporating sediment management*. National Academies Press, Washington, DC. (**member of panel**).
http://www.nap.edu/catalog.php?record_id=13019

TECHNICAL REPORTS

1. **Galat, D. L.** and A. W. Eipper. 1969. Preliminary investigations on the effects of temperature on the survival of muskellunge (*Esox masquinongy*) embryos. Cooperative Fishery Research Unit, Cornell University, Ithaca, NY. 40pp.
2. Carlson, C. A., and **D. L. Galat**. 1971. Life histories of representative New York State freshwater fishes. Audio-visual extension program for the New York State Department of Environmental Conservation, Syracuse
3. Carlson, C. A., and **D. L. Galat**. 1971. The twenty-six freshwater fish families of New York State. Audio-visual extension program for the New York State Department of Environmental Conservation, Syracuse.
4. **Galat, D. L.**, and W. J. McConnell. 1974. A quantitative baseline inventory of the aquatic macroinvertebrate and periphyton communities of the South Platte and St. Vrain Rivers-Ft. St. Vrain Nuclear Generating Station. Thorne Ecological Institute, Boulder, CO. 188pp.
5. **Galat, D. L.**, T. J. Keefe, and E. P. Bergersen. 1974. ECODIV--A Fortran IV program to calculate biological indices and bivariate statistical analysis methodology for evaluation of water quality. Thorne Ecological Institute Pub. No. 11, Boulder, CO. 70pp.
6. Bergersen, E. P., and **D. L. Galat**. 1974. Reconnaissance survey of streams in the White Cap Fire Management Area. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 17pp.
7. McConnell, W. J., **D. L. Galat**, and K. Hamilton-Galat. 1978. Potential fish production of Pyramid Lake based on organic matter contributions. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 84pp.
8. **Galat, D. L.** 1981. A review of nutrient dynamics in unperturbed stream ecosystems. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 40pp.
9. **Galat, D. L.**, and W. J. McConnell. 1981. Effects of increasing total dissolved solids on the dynamics of Pyramid Lake microcosm communities. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 131pp.
10. Vucinich, N., **D. L. Galat**, and M. C. Coleman. 1981. Size-class structure and food habits of young-of-year tui chubs (*Gila bicolor*, Girard), in Pyramid Lake, Nevada. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 64pp.
11. **Galat, D. L.** 1983. Technical review of the Pyramid Lake Indian Tribal Enterprise Fishery program. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 33pp.

12. **Galat, D. L.** 1983. Study concepts paper: Nutrients in the lower Truckee River and Pyramid Lake, their potential toxicity to fish and biostimulation to aquatic plants. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 56pp.
13. **Galat, D. L.** 1983. Selected bibliography of technical publications on salt lakes, emphasizing Pyramid Lake, Nevada. Cooperative Fishery Research Unit, Colorado State University, Fort Collins. 101pp.
14. **Galat, D. L.**, and J. P. Verdin. 1987. Analysis of 1972-1986 *Nodularia spumigena* blooms in Pyramid Lake using Landsat imagery. Department of Zoology, Arizona State University, Tempe. 91pp.
15. **Galat, D. L.** 1988. Cui-ui (*Chasmistes cujus*). Endangered species information System. U.S. Fish and Wildlife Service, Office of Endangered Species, Washington, DC.
16. **Galat, D. L.** 1988. Interactions between *Poeciliopsis occidentalis sonoriensis* and *Gambusia affinis* in the Rio Yaqui drainage, Arizona. Department of Zoology, Arizona State University, Tempe. 66pp.
17. **Galat, D. L.** 1989. Long-term trends in fluvial nutrient loading to Pyramid Lake, Nevada. Missouri Cooperative Fish and Wildlife Research Unit, Columbia. 74pp.
18. Gelwicks, G. T., K. Graham and **D. L. Galat.** 1996. Status survey for sicklefin chub, sturgeon chub and flathead chub in the Missouri River, Missouri. Final Report, Missouri Department of Conservation, Fish and Wildlife Research Center, Columbia, MO. 22 pp.
19. Sappington, L., D. Dieterman and **D. Galat.** 1996. Standard operating procedures for population dynamics and habitat use of benthic fishes along the Missouri River. National Biological Service, Midwest Science Center, Columbia, MO.
20. Dieterman, D. J. , M. P. Ruggles, M. L. Wildhaber, and **D. L. Galat** (eds). 1997. Population structure and habitat use of benthic fishes along the Missouri and Yellowstone Rivers. 1996 Annual Report of the Missouri River Benthic Fish Study PD-95-5831 to U.S. Army Corps of Engineers and U. S. Bureau of Reclamation. Missouri Cooperative Fish and Wildlife Research Unit, University of Missouri, Columbia, 270 pp.
21. Dieterman, D. J. and **D. L. Galat.** 1997. Section 9: Channelized III, Missouri. Pages 245-262 in Dieterman, D.J., M. P. Ruggles, M. L. Wildhaber, and D. L. Galat (eds). 1997. Population structure and habitat use of benthic fishes along the Missouri and Yellowstone Rivers. 1996 Annual Report of the Missouri River Benthic Fish Study PD-95-5831 to U.S. Army Corps of Engineers and U. S. Bureau of Reclamation. Missouri Cooperative Fish and Wildlife Research Unit, University of Missouri, Columbia. 270 pp.
22. Tibbs, J. E. and **D. L. Galat.** 1997. Larval, juvenile, and adult small fish use of scour basins connected to the lower Missouri River. Final Report to Missouri Department of Conservation. Missouri Cooperative Fish and Wildlife Research Unit, University of Missouri, Columbia, MO. 133 pp.
23. Mattingly, H. T. and **D. L. Galat.** 1998. Ecological requirements for recovery of the federally threatened Niangua Darter (*Etheostoma nianguae*). The School of Natural Resources, University of Missouri, Columbia, MO. 151 pp.
24. **Galat, D. L.** and R. Lipkin. 1999. Characterizing the natural flow regime of the Missouri River using historical variability in hydrology. Final Report to Missouri Department of Conservation. Missouri Cooperative Fish and Wildlife Research Unit, University of Missouri, Columbia, MO. 67 pp. + appendices.
25. **Galat, D. L.**, M. L. Wildhaber, and D. J. Dieterman. 2001. Spatial patterns of physical habitat. Volume 2. Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone rivers. U. S. Geological Survey, Cooperative Research Units, University of Missouri, 302 ABNR Bldg., Columbia, Missouri. 91 pp. http://www.nwo.usace.army.mil/html/pd-e/benthic_fish/benthic_fish.htm

26. Roell, M., D. Humburg, T. Russell, T. Grace, V. Travinchek, and **D. Galat**. 2001. Information needs for living resources management in a multipurpose system: the Missouri River and its floodplain. White Paper prepared for Missouri Department of Conservation, Jefferson City. 10 pp.
27. **Galat, D. L.** 2003. Ecology's approach to transboundary water issues. Interstate Waters: crossing boundaries for sustainable solutions, a multidisciplinary approach. Page 13. Conference Report & Synthesis. The Utton Transboundary Resources Center, University of New Mexico School of Law, Albuquerque, NM
28. Galat, D. L., G. W. Whitlege, L. D. Patton, and J. B. Hooker. 2004. Larval fish use of lower Missouri River scour basins in relation to connectivity. Final Report to Missouri Department of Conservation. Missouri Cooperative Fish and Wildlife Research Unit, Columbia. 75 pp.
29. **Galat, D. L.**, G. W. Whitlege, and G. T. Gelwicks. 2004. Influence of lateral connectivity on larval fish assemblage structure and habitat use in lower Missouri River floodplain waterbodies. Final Report to Missouri Department of Conservation. Missouri Cooperative Fish and Wildlife Research Unit, Columbia. 114 pp.
30. Berry, C. R., M. L. Wildhaber, and **D. L. Galat**. 2004. Fish distribution and abundance. Volume 3. Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone rivers. U. S. Geological Survey, Cooperative Research Units, South Dakota State University, Brookings, South Dakota 57007. 268 pp. http://www.nwo.usace.army.mil/html/pd-e/benthic_fish/benthic_fish.htm
31. Whitlege, G. W., **D. L. Galat**, and G. T. Gelwicks. 2005. Habitat use by fishes in periodically and continuously connected lower Missouri River floodplain water bodies. Final Report to Missouri Department of Conservation. Missouri Cooperative Fish and Wildlife Research Unit, Columbia. 68 pp.
32. Frazier, S. and **D.L. Galat**. 2009. Analysis of Missouri Wetlands Reserve Program easement monitoring data. Final Report to Natural Resources Conservation Service, Resource Inventory & Assessment Division, Conservation Effects Assessment Project. University of Missouri, Columbia, MO.
33. Marmorek, D., P. Dixon, **D. Galat**, R. Jacobson, K. Loftin, and J. Nestler. 2009. Independent Science Advisory Committee (ISAC): 2009 Report on the Platte River Recovery Implementation Program (PPRIP). Prepared for the PPRIP Governance Committee. <http://www.platteriverprogram.org/PubsAndData/ProgramLibrary/2009%20ISAC%20Report.pdf>
34. Johnson, B.L., J. W. Barko, S. M. Bartell, R. Clevenstine, M. Davis, **D. L. Galat**, K. S. Lubinski, J. M. Nestler. 2010. Partial restoration of natural hydrology on the Upper Mississippi River System: an adaptive management approach for water level reductions. NESP ENV Report 12. U.S. Army Corps of Engineers, Rock Island, St. Louis, and St. Paul Districts.
35. Nestler, J. M., **D. L. Galat**, and R. A. Hrabik. 2011. Side channels of the impounded and Middle Mississippi River: opportunities and challenges to maximize restoration potential. Corps of Engineers Navigation and Environmental Sustainability Program (NESP) and Water Operations Technology Support Program (WOTS)
36. Montgomery, M.D. and **D. L. Galat**. 2014. Science and management of river-floodplain connectivity for fish movement and recruitment: a case study of a managed wetland on the lower Missouri River. Final Report, Missouri Department of Conservation.

OUTREACH PRODUCTS

1. O'Donnell, T. K. and **D. L. Galat**. 2006. Upper Cedar Creek Clean Streams/319 Project. Example river restoration projects in Restoring Rivers.org: Improving the Science of River Restoration.URL:
2. Frazier, S. and D. Galat. 2008. Ecological monitoring insights from the Wetlands Reserve Program in Missouri.

Conservation Effects Assessment Project (CEAP) Conservation Insight. United States Department of Agriculture, Natural Resources Conservation Service URL: <http://www.nrcs.usda.gov/technical/nri/ceap/>

3. Mengel, D. and **D. Galat**. 2012. WRP contributes to amphibian conservation in Missouri. Conservation Effects Assessment Project (CEAP) Conservation Insight. United States Department of Agriculture, Natural Resources Conservation Service URL: http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1080285.pdf

THESIS AND DISSERTATION

- Galat, D. L. 1974. A comparative assessment of several biotic and diversity measures applied to aquatic macroinvertebrates to evaluate their responses to organic pollution. Master's Thesis, Colorado State University, Fort Collins. 167pp.
- Galat, D. L. 1982. Primary production as a predictor of potential fish production: application to Pyramid Lake, Nevada. Doctoral Dissertation, Colorado State University, Fort Collins. 157pp.

PROFESSIONAL PRESENTATIONS

Platform Invited

1. Galat, D. L., W. J. McConnell, and K. Hamilton-Galat. 1977. Organic matter contributions to Pyramid Lake, Nevada. International Conference on Desertic Terminal Lakes, Ogden, UT
2. Galat, D. L., E. L. Lider, S. Vigg, and S. R. Robertson. 1979. Limnology of a large, deep North American desert lake: Pyramid Lake, Nevada. First International Symposium on Inland Salt Lakes, Adelaide, Australia.
3. Galat, D. L. 1980. Limnology of a large, deep, terminal lake: Pyramid Lake, Nevada. Symposium on Aquatic Ecology in Deserts. Ecological Society of America Annual Meeting, Tucson, AZ.
4. Galat, D. L. 1982. Trophic relations among the principal fishes in Pyramid Lake, Nevada. Symposium on Aquatic Research in Tahoe-Truckee-Pyramid Ecosystem, California-Nevada Chapter of the American Fisheries Society Annual Meeting, Reno, NV.
5. Galat, D. L., R. Robinson. 1982. Predicted effects of increasing salinity on the crustacean zooplankton community of Pyramid Lake, Nevada. Second International Symposium on Inland Salt Lakes, Saskatoon, Canada.
6. Galat, D. L. 1985. Experimental effects of elevated salinity on three benthic invertebrates in Pyramid Lake, Nevada. Third International Symposium on Inland Salt Lakes, Nairobi, Kenya.
7. Galat, D. L., and J. P. Verdin. 1988. Large-scale patterns of *Nodularia spumigena* blooms in Pyramid Lake, Nevada, determined from Landsat imagery: 1972-1986. Fourth International Symposium on Inland Saline Lakes, Barcelona, Spain.
8. Galat, D. L. 1990. Limnology of Bottomless Lakes, New Mexico: then and now. Arizona-Nevada Academy of Science, Annual Meeting and Special Session in Recognition of Gerald A. Cole: Limnology and Aquatic Biology of the Southwest. Tempe, AZ.
9. Galat, D. L. 1991. Fisheries management opportunities on wetland wildlife areas. Missouri River Natural Resource Committee Annual Meeting, St. Louis, MO.
10. Galat, D. L., J. W. Robinson and L. W. Hesse. 1992. Restoring aquatic resources to the lower Missouri River: issues and initiatives. 20th International Symposium on U.S./Russian Cooperation in Environmental

Protection, Borok, Russia.

11. Galat, D. L. 1993. Environmental and human factors affecting the ecology of fishes in large floodplain rivers. International Conference on investigation and management of aquatic resources. Tabasco, Mexico.
12. Galat, D. L. 1993. Fishery values of Mississippi River basin wetlands. Society of Wetland Scientists Annual Meeting, Edmonton, Alberta, Canada.
13. Poddubny, A. G. and D. L. Galat. 1994. Habitat associations of upper Volga river fishes: effects of reservoirs. International conference on sustaining the integrity of large floodplain rivers, La Crosse, WI.
14. Galat, D. L. 1995. Floodplain wetland management options one year after the "Great Midwest Flood of 1993." Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
15. Galat, D. L. 1996. From Lewis and Clark to Pick-Sloan to the "Great Flood of 1993": an ecological history of the "Big Muddy." Plenary Session, Society of Wetland Scientists 17th Annual Meeting, Kansas City, MO.
16. Galat, D. L. Feb 1997. Historical channels and land cover as templates for restoration of the lower Missouri River. Interagency Scientific Response Group: California Flood of 1996, Sacramento, CA.
17. Galat, D. L. Mar 1997. Fish-waterfowl conflicts in Wetlands: real or imagined in the Upper Mississippi River floodplain. Annual Meeting Illinois Chapter, American Fisheries Society. Springfield, IL.
18. Galat, D. L. Jul 1997. How Cooperative Research Units can provide an integrated perspective to evaluating fishes in an interjurisdictional river. U.S. Geological Survey/ Biological Resources Division Staff, Reston, VA.
19. Galat, D. L., D. D. Humburg, L. H. Fredrickson, D. L. Helmers, G. T. Gelwicks, J. B. Hooker, J. Kubisiak, and J. C. Mazourek. June 1997. Natural and managed flooding along the channelized Missouri River: complementary processes for restoring river-floodplain connectivity. Ecological Society of America, Annual Meeting, Albuquerque, NM. Special Symposium - Flooding: managed vs. Natural Disturbances.
20. Galat, D. L. Nov 1997. Missouri River post-flood evaluation - fishes. Missouri Department of Conservation Wildlife Division Training Conference, Jefferson City, MO.
21. Galat, 1998. Feb 1998. Lower Missouri River flood-scoured wetlands as fish nursery: the influence of connectivity. Scoping Symposium for Global Change and Wetlands Ecology. U. S. Geological Survey, Biological Resources Division, Ecosystem Program Element Review, Phoenix, AZ.
22. Galat, D. L. Jun 1998. Integrating oil and gas development with fish and wildlife uses in wetland ecosystems. International Symposium on Exploration and Production of Hydrocarbons in Sensitive Areas. Villahermosa, Tabasco, Mexico. Keynote Synthesis paper
23. Galat, D. L. Sep 1998. Summary of Missouri River post 1993 flood aquatic studies. Annual meeting, Missouri River Natural Resources Committee, St. Joseph, MO.
24. Galat, D. L. May 1999. Integrating ecological, physical and social aspects of natural and managed flooding on the Missouri River. National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.
25. Galat, D. L. and R. B. Jacobson. May 1999. Integrative ecology to restore Missouri River Integrity. U.S. Geological Survey, Executive Leadership Team, Easton, MD.
26. Galat, D. L., M. B. Bain, and F. Schiemer. May 1999. Conserving large river fishes: is the "highway analogy" an appropriate paradigm? Special Symposium: Ecology and Management of Large Rivers, 47th Annual Meeting, North American Benthological Society, Duluth, MN.

27. Galat, D. L. Jul 1999. Hydrological patterns, channel migration and fisheries considerations for the lower Missouri River. Missouri Department of Conservation's Riverlands Planning Team, Columbia, MO.
28. Galat, D. L. Jul 1999. USGS Cooperative Units Research on the Missouri River. U.S. Fish & Wildlife Service Lower Missouri River Ecosystem Team, Springfield, MO.
29. Galat, D. L. Aug 1999. The natural flow regime of the Missouri River in comparison to proposed Master Manual alternatives. Missouri River Natural Resources Committee Annual Meeting, Pierre, SD.
30. Galat, D. L. Sep 1999. The natural flow regime of the Missouri River in comparison to proposed Master Manual alternatives. U. S. Fish & Wildlife Service and U. S. Army Corps of Engineers Missouri River Master Manual Revision, Endangered Species Act, Section 7 Consultation. Minneapolis, MN.
31. Galat, D. L. Oct 1999. Restoring the ecological integrity of the lower Missouri River. Biology Department Seminar, Benedictine College, Atchison, KS.
32. Galat, D. L. Dec 1999. Restoring the natural range of Missouri River flow variability to benefit declining species. Symposium - Watershed management to protect declining species. 1999 Annual Water Resources Conference. Seattle, WA.
33. Galat, D. L. Feb 2000. Connectivity: linking the channel with its floodplain. Workshop - Chutes, coots and frogs: developing a vision for the Missouri River. Missouri Natural Resources Conference, Osage Beach, MO.
34. Galat, D. L. Apr. 2000. Missouri River basin: improving the scientific basis for adaptive management. National Research Council, Committee on Missouri River Ecosystem Science, Columbia, MO.
35. Galat, D. L. May 2000. Restoring the natural range of Missouri River flow variability to benefit declining species. 4th Annual Missouri River Natural Resources Conference, Bismarck, ND.
36. Galat, D. L., D. J. Dieterman, and M. L. Wildhaber. July 2000. Physical habitat patterns at multiple spatial scales along the Missouri River, USA. Eighth International Symposium of Regulated Streams, Toulouse, France.
37. Galat, D. L. and D. Humburg. August 2000. Biotic responses to extreme floods along the lower Missouri River, USA. Special Symposium: Environmental flows and floodplain wetland restoration. Millennium Wetland Event, Quebec, Canada.
38. Galat, D. L. and D. Humburg. August 2000. Connectivity gradients and biodiversity of lower Missouri River floodplain wetlands. Special Symposium: the Mississippi River basin: ecology, issues and management. American Fisheries Society Annual Meeting, St. Louis, MO.
39. Lippincott, B. L., A. C. Benke, D. L. Galat, and J. C. Meyer. August 2000. A research framework for large river ecosystems. Special Symposium: the Mississippi River basin: ecology, issues and management. American Fisheries Society Annual Meeting, St. Louis, MO.
40. Galat, D. L. September 2000. Patterns of physical habitat at multiple spatial scales along the Missouri River. Annual Meeting of the Missouri River Natural Resources Committee, Niobrara, NE.
41. Galat, D. L. October 2000. Ecosystem health of the Missouri River. USGS Science Workshop, Missouri River. Nebraska City, NE.
42. Galat, D. L. November 2000. Missouri River Management: Biological opinion, natural hydrograph and real implications. Midwest Area River Coalition 2000. 9th Annual Meeting, St. Louis, Missouri. Panel speaker

43. Galat, D. L. November 2000. Science behind the natural hydrograph. Upper Mississippi River Basin Association, 76th Quarterly Meeting, St. Louis, Missouri.
44. Galat, D. L. March 2001. A river that works and a working river: provide for a seasonal flood pulse and low flow conditions. 57th Annual Meeting, Upper Mississippi River Conservation Committee, Bettendorf, Iowa.
45. Galat, D. L. April 2001. The need for a natural hydrograph to sustain riverine life. Rivers as dynamic systems – Flood, floodplains and implications for development. Symposium: Our Water, Our Rivers: St. Louis as a 21 Century River City. St. Louis, Missouri.
46. Galat, D. L. July 2001. The importance of connectivity in research, management, and restoration: Considerations for success in the Missouri River Floodplain. U. S. Fish & Wildlife Service, Lisbon Bottoms Research Symposium, Columbia, Missouri.
47. Galat, D. L. July 2001. Managing river flows for biodiversity: How do we know if we've succeeded ecologically? State of the Science Plenary Session. Managing river flows for biodiversity: A conference on science, policy and conservation action, Ft. Collins, Colorado.
48. Galat, D. L and 5 panel members. August 2001. Concurrent Case Study Symposia: Missouri River. Panel member presenting ecological overview of lower Missouri River and flow related issues. Managing river flows for biodiversity: A conference on science, policy and conservation action, Ft. Collins, Colorado. Panel speaker.
49. Galat, D. L. and 6 panel members. August 2001. Missouri River: a watershed at the crossroads. Environmental Protection Agency Region VII, Environmental and Safety Symposium. Kansas City, Missouri. Panel speaker.
50. Galat, D. L. August 2001. The intensive-passive management continuum in rehabilitation of lower Missouri River floodplain wetlands. Upper Mississippi River/Great Lakes Joint Venture Management Board Summer Meeting. Jefferson City, MO.
51. Galat, D. L. and 3 panel members. October 2001. Are there other reasonable and prudent alternatives to Missouri River flow modifications. Midwest Area River Coalition 2000. 10th Annual Meeting, St. Louis, MO. Panel speaker.
52. Galat, D. L. February 2002. Cooperative Research Unit successes with large-scale, trans-boundary research projects. U. S. Geological Survey, Cooperative Research Units National Meeting. San Antonio, TX.
53. Galat, D. L. April 2002. How should we proceed to manage river flows for biodiversity? 6th Annual Missouri River Natural Resources Conference. South Sioux City, NE. Keynote
54. Galat, D. L., C. R. Berry, C. S. Guy, C. L. Pierce, J. Heuser, and M. L. Wildhaber. May 2002. Multiple spatial scale fishery research on the Missouri River. U. S. Environmental Protection Agency 2002 EMAP Symposium: The Condition of our Nation's Streams and Rivers from the Mountains to the Coast, Great Rivers Session. Kansas City, MO. Online at: <http://www.epa.gov/emap/html/pubs/docs/groupdocs/symposia/symp2002.html>
55. Galat, D. L. September 2002. Advancing science and integrating it with water management. Ecologically Sustainable Water Management, Snake River Retreat, The Nature Conservancy, Swan Valley ID.
56. Galat, D. L. October 2002. Disciplinary values and perspectives in approaching interstate water conflicts - fisheries ecology. Interstate waters: crossing boundaries for sustainable solutions. Utton Transboundary Resources Center, Snowbird UT.
57. Galat, D. L. February 2003. An overview of critical ecological factors influencing survival of riverine fishes. Briefing to Brigadier General D. Fastabend, Division Engineer, Northwest Division, U. S. Army Corps of Engineers. Columbia MO.

58. Galat, D. L. and A. DeLonay. April 2003. Discussion of the listed species, their biological needs and current scientific knowledge base - pallid sturgeon. Missouri River Basin Association Stakeholder Forum: Species Recovery and how it relates to Missouri River management. Nebraska City, NE.
59. Galat, D. L. and R. L. Jacobson. July 2003. How do we design variability into river restoration? Ninth International Conference on River Research and Applications. Albury, Australia. Keynote
60. Galat, D. L. October 2003. Big river/wetland processes. Big River-Wetland Workshop, Missouri Department of Conservation, Cape Girardeau, MO.
61. Galat, D. December 2003. Spatiotemporal patterns and changes in Missouri River fishes. Special Session: Conservation of Biodiversity in Large River Systems of the Midwest. Midwest Fish and Wildlife Conference. Kansas City, MO.
62. Galat, D. June 2004. The Nature of Lewis and Clark on the Great Plains: Fishes of the Missouri River. 28th Annual Interdisciplinary Symposium Sponsored by the Center for Great Plains Studies, Nebraska City, NE.
63. Galat, D. and K. O'Donnell. August 2004. Challenges to restoring U. S. great rivers. Second International Symposium on Riverine Landscapes. Bredsel, Älvsbyn, Sweden.
64. Jacobson, R. B., D. L. Galat, and C. H. Hay. May 2005. Prospects for the designed hydrograph, lower Missouri River. North American Benthological Society Annual Meeting, New Orleans, LA.
65. Galat, D. and K. O'Donnell. July 2005. Large river restoration. Mississippi-Missouri River Confluence Region Field Manager's Restoration Workshop, Grafton, IL
66. Galat, D. September 2005. Challenges to restoring great rivers. Missouri State University, Department of Biology, Seminar Series, Springfield, MO
67. Jacobson, R. and D. Galat. February 2006. Design of the spring rise on the Lower Missouri River. Symposium: Managing Rivers, Floodplains, and Flood Hazard for the New Millennium. American Association for the Advance of Science, Annual Meeting, St. Louis, MO.
68. Galat D. February 2006. The role of goals and objectives in adaptive management. Upper Mississippi Navigation & Environmental Coordination Committee annual meeting, St. Louis, MO.
69. Galat, D. L. and R. B. Jacobson. June 2006. Re-engineering the Missouri River: integrating sound science into river rehabilitation. International Conference on Rivers and Civilization. Special Session – Civilizing the Mississippi: river engineering and its consequences. La Crosse, WI.
70. Galat, D. L., R. B. Jacobson, and M. R. Headrick. August 2006. Reconnecting the channel and floodplain of large rivers: reconciling theory and practice along the lower Missouri River. Special Symposium: Exchanges between Channel and Floodplain in Large Rivers, Ecological Society of America, Annual Meeting, Memphis, TN.
71. Galat, D. January 2007. Challenges to developing a functional adaptive science process for great rivers of the Upper Mississippi Basin. Collaborative Adaptive Management *Network (CAMNet)* Rendezvous, Estes Park, CO.
72. Galat, D., L. Beran, C. Cox, Lubinski, K. April 2007. The pros and cons of scaling-up stream restoration in the Mississippi River Basin. 2nd National Conference on Ecosystem Restoration, Kansas City, MO. Panel Member.

73. Galat, D. L. May 2007. Floods and floodplains. Meeting of the waters: cooperative conservation, recreation and economic development in the St. Louis Region. Educational Strand. St. Louis, MO.
74. Galat, D. L. January 2008. Establishing system-wide goals and objectives for the Upper Mississippi River Basin. Navigation and Ecosystem Sustainability Program and Environmental Management Program Coordination Committee joint meeting. Rock Island, IL.
75. Galat, D. L. January 2008. Successes and challenges implementing collaborative adaptive management on the Upper Mississippi River System. Collaborative Adaptive Management Network (CAMNet) Annual Rendezvous, Homestead FL.
76. Galat, D. L. March 2008. Guidelines for effective restoration of river-floodplain ecosystems. Symposium on Integrating Science into the restoration and management of floodplain ecosystems of the Southeast. Little Rock, AR.
77. Galat, D. L. May 2008. Establishing reach-scale objectives for the Upper Mississippi River System. Navigation and Ecosystem Sustainability Program, Geomorphic Reach 3 Planning Workshop. La Crosse WI.
78. Galat, D. L. Aug 2008. Challenges to restoring the Missouri River. Modeling as an assessment tool for adaptive management' workshop University Nebraska, Lincoln NE.
79. Mengel, D. C. and D. L. Galat. Nov 2008. Species richness of metamorphic amphibian assemblage relative to management strategies on Wetlands Reserve Program sites in the Lower Grand River basin, Missouri. Invited symposium: Documenting benefits of the Farm Bill through CEAP. The Wildlife Society Annual Meeting, Miami FL.
80. Fore, J., S. Sowa, D. Galat, and D. Diamond. Nov 2008. Fine-resolution assessment of conservation practice benefits to aquatic ecosystems throughout the Missouri River Basin: Linking practices, stressors, and species traits. Invited symposium: Documenting benefits of the Farm Bill through CEAP. The Wildlife Society Annual Meeting, Miami FL.
81. O'Donnell, K and D. Galat. Nov 2008. National River Restoration Science Synthesis: Assessment of River Enhancement in the Upper Mississippi River Basin. Fishers & Farmers Partnership for the Upper Mississippi River Basin, Dubuque, IA.
82. Galat, D. L. and M. A. Cornish. Jan 2009. Challenges to applying adaptive management to large-scale ecosystem restoration: the Upper Mississippi Navigation and Ecosystem Sustainability Program (NESP). Symposium: Adaptive management and structured decision making: making good decisions better. Annual Meeting of the Southern Division of the American Fisheries Society. New Orleans, LA.
83. Jacobson, R. J. and D. L. Galat. Jan 2009. Concepts, design, and implementation of a naturalized flow regime on the Lower Missouri River. Invited symposium: Adaptive management and structured decision making: making good decisions better. Annual Meeting of the Southern Division of the American Fisheries Society. New Orleans, LA.
84. Galat, D. L. and 8 co-authors. July 2009. Challenges to integrating adaptive management into restoring great rivers: The Upper Mississippi Navigation and Ecosystem Sustainability Program (NESP). First Triennial Symposium for the International Society of River Science (ISRS). St. Pete Beach, FL.
85. Galat, D. L. along with 3 other panelists and 3 speakers August 2009. Floodplain connectivity, flood control and hydrologic change. Visions of a sustainable Mississippi River: The sixth in a series of public conferences on river issues. Invited panelist. National Great Rivers Research and Education Center. Collinsville, IL.

86. Galat, D. L. December 2009. Challenges to applying adaptive management to restoring great rivers: the Upper Mississippi River Navigation and Ecosystem Sustainability Program (NESP). Invited Symposium: Adaptive Management of Natural Resources. Midwest Fish & Wildlife Conference, Springfield IL.
87. Galat, D. L. 21 January 2010. An adaptive management plan for Mississippi River side-channel restoration. Navigation and Ecosystem Sustainability Program Side-channel Scoping workshop, Cape Girardeau, MO.
88. Galat, D. L. May 2010. Reconnecting large river and floodplain habitats for conservation of biodiversity: examples from the Lower Missouri River, USA. International Workshop on Ecosystem Science & Engineering Approaches towards Conservation of Biodiversity, Nagoya, Japan. (Invited Theme speaker)
89. Galat, D. L. May 2010. Challenges to Applying Adaptive Management to Large-scale River Restoration: the Upper Mississippi Navigation & Ecosystem Sustainability Program (NESP). Department of Forest Science, Graduate School of Agriculture, Hokkaido University, Sapporo, Japan (Invited seminar)
90. Galat, D. L. and K. S. Reeves. May 2010. Nursery microhabitat for rheophilic larval fishes in the channel margin of a regulated, large floodplain river, lower Missouri River. 34th Annual Larval Fish Conference 30 May-3 June 2010, Santa Fe, NM.
91. Fore, J. D., S. P. Sowa, D. D. Diamond, G. M. Annis, D. L. Galat, and C. Rewa. July, 2010. Predicting the response of lotic fishes to agricultural threat remediation. National Meeting of the Soil and Water Conservation Society. St. Louis, MO.
92. Fore, J.D., S. P. Sowa, G. M. Annis, D. D. Diamond, D. L. Galat, and C. Rewa. September 2010. Assessing human-induced threats: a landscape approach. 140th Annual Meeting of the American Fisheries Society, Pittsburg, PA.
93. Galat, D. L. October 2010. Challenges to applying adaptive management to restoring great rivers: wicked problems and black swans. Charles Schwartz Seminar Series, Department of Fisheries and Wildlife, University of Missouri, Columbia, MO.
94. Galat, D. L. October 2010. A Socio-Ecological History of the Missouri River. National Natural Areas Association, 37th Annual Natural Areas Conference, Workshop -- Big Rivers Ecology & Management, Osage Beach, MO.
95. Galat, D. L. October 2010. Challenges to Applying Adaptive Management to Large-scale River Restoration: the Upper Mississippi Navigation & Ecosystem Sustainability Program (NESP). National Natural Areas Association, 37th Annual Natural Areas Conference, Workshop -- Big Rivers Ecology & Management, Osage Beach, MO
96. Galat, D. L. and D. Schorr. November 2010. The ecology and economy of America's longest river and the larger basin. The National Judicial College, Dividing the Waters National Education Conference: The Impact of Water Adjudication along America's Longest River, St. Louis, MO.
97. Jacobson, R.J. and D. L. Galat. February 2011. Got Mud? The science & policy of Missouri River sediment. Missouri River Relief, Big Muddy Speaker Series, Rocheport, MO
98. Galat, D. L. March 2011. Endangered species recovery, politics, and policies of Missouri River management. Invited Plenary Panel address. Missouri River Natural Resources Conference, Nebraska City, NE.
99. Galat, D. L. B. L. Johnson, and C. Smith. April 2011. Applying adaptive management to restoring Mississippi river basin large rivers. International Conference on the Status and Future of the World's Large Rivers, Vienna, Austria.

100. Galat, D. L. May 2011. Adaptive management and the Missouri River spring rise. Missouri River Recovery Program, Independent Science Advisory Panel, Kansas City, MO.
101. Fore, J.D., S. P. Sowa, G. M. Annis, D. D. Diamond, D. L. Galat, and C. Rewa. July 2011. Assessing NRCS conservation practice effectiveness using stream fishes. Annual Meeting of the Soil and Water Conservation Society. Washington D.C.
102. Boesch, D., D. Galat, L. Scarlett, R. Twilley. August 2011. Establishing successful science/policy linkages. 4th National Conference on Ecosystem Restoration, Baltimore, MD. (panel member)
103. Galat, D. L. Integrating adaptive management into Integrated River Basin Management. September 2011. River Symposium. Invited Special Session: Advancing Integrated River Basin Management, Science and Policy for Healthy River Basins. Brisbane, Australia.
104. Galat, D. L. Great rivers that work for people and nature. November 2011. World Rivers in the 21st Century, Workshop sponsored by the IGERT Program in Watershed Science & Policy, Southern Illinois University-Carbondale (speaker and member of discussion panel).
105. Galat, D. L. February 2012. 75 years of Missouri River conservation: From Pick-Sloan to the Missouri River Recovery Program. Missouri Natural Resources Conference, Osage Beach, MO.
106. Galat, D. L. and J. Higgins. October 2012. Integrated River Basin Management: a viable option for Mississippi River Basin sustainability? Workshop: Mississippi River ecological restoration from on the ground to integrated river basin management. EcoSummit 2012 - Ecological Sustainability: restoring the Planet's Ecosystem Services, Columbus, OH.
107. Smith, C., D. Marmorek, P. Dixon, D. Galat, R. Jacobson, K. Loftin, and J. Nestler. August 2013. Independent Science on a Large Scale – A Panel Discussion. National Conference on Ecosystem Restoration (NCER), Schaumburg, IL.
108. Galat, D. L. October 2014. Overview of collaborative Adaptive Management (CAM). Collaborative Adaptive Management (CAMNet) Rendezvous, Weaverville CA.
109. Galat, D. L. December 2014. The Big Muddy: an ecological history of the Missouri River and 21st century challenges. Missouri History Museum, St. Louis, MO.

Platform Contributed

1. Galat, D. L. 1979. Biologically induced open-water calcium carbonate precipitation in Pyramid Lake, Nevada. Arizona-Nevada Academy of Science Annual Meeting, Tempe, AZ.
2. Galat, D. L. 1980. Allochthonous organic matter contributions to Pyramid Lake, Nevada. Arizona-Nevada Academy of Science Annual Meeting, Las Vegas, NV.
3. Galat, D. L. 1983. Phytoplankton production in Pyramid Lake, Nevada. Southwest and Rocky Mountain Division, AAAS, Annual Meeting, Logan, UT.
4. Galat, D. L., and A. J. Horne. 1983. Nitrogen fixation as an important process in an oligotrophic, saline, desert lake: Pyramid Lake, Nevada. Ecological Society of America Annual Meeting, Grand Forks, ND.
5. Galat, D. L. 1984. Diet shift by the planktivorous tui chub (*Gila bicolor pectinifer*) enclosed in mesocosms at elevated salinities. Ecological Society of America Annual Meeting, Ft. Collins, CO.
6. Galat, D. L. 1984. Experimental effects of elevated salinity on two benthic macroinvertebrates in Pyramid Lake.

Southwest and Rocky Mountain Division, AAAS, Annual Meeting, Lubbock, TX.

7. Galat, D. L. 1984. Influence of elevated salinity on fish production and trophic efficiency in mesocosms of Pyramid Lake. American Fisheries Society Annual Meeting, Ithaca, NY.
8. Galat, D. L. 1985. Histological changes in organ tissues of Lahontan cutthroat trout living in lakes of different salinity alkalinity. Desert Fishes Council Annual Symposium, Furnace Creek, CA.
9. Galat, D. L. 1986. Spurious correlations in estimating fluvial nutrient loads to lakes. American Society of Limnology and Oceanography Annual Meeting, Narragansett, RI.
10. Galat, D. L., and B. Robertson. 1987. Interactions between *Poeciliopsis occidentalis sonoriensis* and *Gambusia affinis* in the Rio Yaqui drainage, Arizona. Desert Fishes Council Annual Symposium, Hermosillo, Mexico.
11. Galat, D. L., and J. P. Verdin. 1987. Remotely sensed patterns of blue-green algal blooms in a saline desert lake in relation to fluvial discharge and nitrogen loads. American Society of Limnology and Oceanography Annual Meeting, Madison, WI.
12. Galat, D. L., and J. P. Verdin. 1987. Surface patchiness of a blue-green algal bloom measured by synoptic sampling and remote sensing. Southwestern & Rocky Mountain Division, AAAS, Annual Meeting, Austin, TX.
13. Verdin J. P., L. L. Sims, and D. L. Galat. 1987. Processing of archival Landsat imagery to document Pyramid Lake algal blooms. Pecora XI Memorial Symposium, Sioux Falls, SD.
14. Galat, D. L. 1988. Large-scale patchiness and collapse of a blue-green algal bloom in a desert saline lake. American Society of Limnology and Oceanography Annual Meeting, Boulder, CO.
15. Galat, D. L. 1989. Estimating fluvial nutrient loads to lakes and reservoirs: avoiding spurious correlation. North American Lake Management Society Annual Meeting, Austin, TX.
16. Galat, D. L. 1989. Long-term trends of fluvial nutrient flux to a terminal desert lake. North American Benthological Society Annual Meeting, Guelph, Canada.
17. Galat, D. L. and D. I. Foster. 1990. Ecology of Big Spring, Ozark National Scenic Riverways. George Wright Society Annual Meeting, El Paso, TX.
18. Monda, D. P., D. L. Galat, and S. Finger. 1991. Acute toxicity of unionized ammonia (NH₃-N) to *Chironomus riparius*: effects of ammonia in sewage effluent. North American Benthological Society Annual Meeting, Santa Fe, NM.
19. Converse, J. W. and D. Galat. 1992. Longitudinal and storm flow nutrient dynamics of a karst spring: Big Spring, Ozark National Scenic Riverways, Missouri. George Wright Society Annual Meeting, Jacksonville, FL.
20. Galat, D., C. Rabeni, J. Peterson and R. Jacobson. 1992. Evaluating effects of climate change on ecological structure and function of Ozark Highlands streams. George Wright Society Annual Meeting, Jacksonville, FL.
21. Nielsen, C. D. and D. Galat. 1992. Differences in substrate use by macroinvertebrates in a large, cold springbranch, Ozark National Scenic Riverways, Missouri. George Wright Society Annual Meeting, Jacksonville, FL.
22. Converse, J. W. and D. L. Galat. 1993. Stormflow water chemistry and nutrient dynamics of a large cold spring ecosystem. North American Benthological Society Annual Meeting, Calgary, Alberta, Canada.

23. Galat, D. L. 1993. Fish-waterfowl conflicts in wetlands: real or imagined in the Mississippi River basin floodplain. Midwest Fish and Wildlife Conference, St. Louis, MO.
24. Nielsen, C. D. and D. L. Galat. 1993. Differences in substrate use by macroinvertebrates in a large, cold springbranch. North American Benthological Society Annual Meeting, Calgary, Alberta, Canada.
25. Sargent, J., D. L. Galat and S. Fritts. 1993. Benefits of stranded fishes in Missouri River floodplain wetlands. Midwest Fish and Wildlife Conference, St. Louis, MO.
26. Converse, J. W. and D. L. Galat. 1994. Submerged macrophyte turnover in a large, cold-water spring: its effect on macrophyte production estimates. North American Benthological Society Annual Meeting, Orlando, FL.
27. Galat, D. L. 1994. Scientific Assessment and Strategy Team (SAST), Missouri River Flood Analyses. Lower Missouri River Ecosystem Team Workshop, Columbia, MO.
28. Galat, D. L. 1994. Scientific Assessment and Strategy Team (SAST), Missouri River Flood Analyses. Missouri River Post Flood Coordinating Meeting, Columbia, MO.
29. Gelwicks, G. T. and D. L. Galat. 1994. Evaluation of fish movement between a managed floodplain wetland and the Missouri River: what is contributed to the river? Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
30. Sargent, J. C. and D. L. Galat. 1994. The role of semipermanent and seasonally flooded wetland zones as fish nursery areas at a managed Missouri River floodplain wetland. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
31. Tibbs, J. E. and D. L. Galat. 1994. A method for sampling small fishes in surface waters of large rivers. Missouri Academy of Science Annual Meeting, Cape Girardeau, MO.
32. Tibbs, J. E. and D. L. Galat. 1994. Fishes associated with lower Mississippi River aquatic habitats in relation to least tern foraging. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
33. Doisy, K. E., C. F. Rabeni and D. L. Galat. 1995. The influence of geomorphology on the invertebrate community in a low gradient stream in southern Missouri. North American Benthological Society Annual Meeting, Keystone, CO.
34. Doisy, K. E., C. F. Rabeni and D. L. Galat. 1995. Evaluating effects of global climate change on ecological structure and function of Ozark highland streams. Rivers and Streams Conference, Tan-Tara, MO.
35. Galat, D. L. and L. M. Sowa. 1995. Fisheries related geomorphology of Lower Missouri River wetland habitat created by the flood of 1993. XXVI Congress of the International Association of Theoretical and Applied Limnology, Sao Paulo, Brazil.
36. Mattingly, H. T. and D. L. Galat. 1995. Factors affecting Niangua darter occurrence in the Little Niangua River. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
37. Tibbs, J. E. and D. L. Galat. 1995. Small fish assemblage structure within aquatic habitats in the lower Mississippi River, Missouri. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
38. Tibbs, J. E. and D. L. Galat. 1995. Small fishes associated with sand island habitats in the lower Mississippi River, Missouri. Mississippi River Research Consortium Annual Meeting, La Crosse, WI.
39. Galat, D. L. 1996. Geomorphology, distribution and connectivity of Lower Missouri River floodplain wetland water bodies scoured by the flood of 1993. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.

40. Galat, D. L., J. Kubisiak and J. B. Hooker. 1996. Fisheries related geomorphology of Lower Missouri River wetland habitat created by the flood of 1993. XXVI Congress of the International Association of Theoretical and Applied Limnology, Sao Paulo, Brazil.
41. Kubisiak, J. and D. L. Galat. 1996. The influence of connectivity on fish use of Lower Missouri River flood scoured wetlands. Mississippi River Natural Resources Committee Annual Meeting, LaCrosse, WI.
42. Kubisiak, J., J. B. Hooker and D. L. Galat. 1996. The influence of connectivity on fish use of Lower Missouri River flood scoured wetlands. Society of Wetland Scientists 17th Annual Meeting, Kansas City, MO.
43. Lastrup, M. and D. L. Galat. 1996. A blueprint for restoring Missouri River wetlands using historic channel and land cover patterns. Society of Wetland Scientists, 17th Annual Meeting, Kansas City, MO.
44. Tibbs, J. E. and D. L. Galat. 1996. Habitat use by small fishes in the Lower Mississippi River related to foraging by least terns. Upper Mississippi River Conservation Committee 52nd Annual Meeting, Cape Girardeau, MO.
45. Galat, D. L. and M. Lastrup. 1996. Historic river channels and land cover as a template for lower Missouri River restoration. 58th Midwest Fish & Wildlife Conference, Omaha, NE. 1997. 1st Annual Conference on Natural Resources of the Missouri River Basin, Columbia, MO.
46. Kubisiak, J. and D. L. Galat. 1996. Fish nursery use of lower Missouri River scour holes and the influence of connectivity. 58th Midwest Fish & Wildlife Conference, Omaha, NE. 1997. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO. (*Winner of Best Student Paper Award*)
47. Hooker, J. B. and D. L. Galat. 1996. The influence of connectivity on fish reproduction in lower Missouri River scour holes. 58th Midwest Fish & Wildlife Conference, Omaha, NE.
48. Missouri River Benthic Fishes Research Consortium. 1996. Population structure and habitat use of benthic fishes along the Missouri River. 58th Midwest Fish & Wildlife Conference, Omaha, NE. P (Runner-up for Best Poster, Open Category). 1997. 1st Annual Conference on Natural Resources of the Missouri River Basin, Columbia, MO. (D. Galat is Consortium Science Coordinator)
49. Galat, D. L. Jul 1997. Population structure and habitat use of benthic fishes along the Missouri River. Lower Mississippi River Conservation Committee, Fisheries Technical Section, Cape Girardeau, MO
50. Galat, D. L. and M. Lastrup. August 1997. Historical channels and land cover as a template for lower Missouri River Restoration. Seventh International Symposium on Regulated Rivers, Chattanooga, TN.
51. Kubisiak, J. and D. L. Galat. August 1997. Young-of-year fishes in Lower Missouri River scour holes: connectivity as a deterministic force. Seventh International Symposium on Regulated Rivers, Chattanooga, TN.
52. Hooker, J. B. and D. L. Galat. August 1997. The influence of connectivity on fish reproduction and larval nursery in lower Missouri River scour holes. Seventh International Symposium on Regulated Rivers, Chattanooga, TN.
53. Mattingly, H. T and D. L. Galat. June 1997. Large-scale factors associated with the distribution of a threatened Ozark stream fish, *Etheostoma nianguae*. American Society of Ichthyologists and Herpetologists Annual Meeting, Seattle, WA.
54. Galat, D. L. Nov 1997. Fish-waterfowl conflicts in wetlands: real or imagined in the upper Mississippi River basin floodplain. 2nd International Congress of Limnology and Aquatic Birds. International Society of Limnology, Merida, Yucatan, Mexico.

55. Galat, D. L. and R. Lipkin. Mar, 1998. Restoring a natural lower Missouri River hydrograph: pre- and post-regulation hydrology at Hermann, Missouri. 2nd Annual Conference on Natural Resources of the Missouri River Basin, Nebraska City, NE.
56. Berry, C. R. and D.L. Galat. Mar 1998. Large scale studies: the Missouri River benthic fishes study example. 2nd Annual Conference on Natural Resources of the Missouri River Basin, Nebraska City, NE.
57. Mattingly, H.T. and D.L. Galat. Apr 1998. Field and laboratory observations of Niangua darter (*Etheostoma nianguae*) reproductive behavior. Darterfest 1998. Tishomingo, MS.
58. Galat, D. L. and R. Lipkin. Nov 1998. Restoring the natural flow regime of great rivers: using historical hydrographs to define reference conditions. Assessing the Ecological Integrity of Running Waters, Vienna, Austria.
59. Gelwicks, G.T., P.S. Beringer, and D.L. Galat. Dec 1998. Temporal and spatial patterns of larval fish use in Missouri River flood-scoured wetlands, Missouri. 60th Midwest Fish & Wildlife Conference, Cincinnati, OH.
60. Dieterman, D.J., and D.L. Galat. Mar 1999. Morphometric and meristic differences among Missouri River sicklefin chubs. 3rd Annual Conference on Natural Resources of the Missouri River Basin, Pierre, SD.
61. Galat, D. L. January 2003. Approaches to successful propagation of sterlet sturgeon (*Acipenser ruthenus*) in the upper Volga River, Russia. Middle Basin Pallid Sturgeon Recovery Work Group Annual Meeting. St.Louis, MO.
62. Mattingly, H. T. and D. L. Galat. June, July 2003. Predictive performance of a microhabitat model for a rare Ozark stream fish. 17th Annual Meeting of the Society for Conservation Biology, Duluth, MN; Percis III: The Third International Percid Symposium. Madison, WI.
63. Patton, L. D. and D. L. Galat. Dec 2003. First appearance of lower Missouri River larval fishes in relation to water temperature and hydrology. 64th Midwest Fish & Wildlife Conference, Kansas City, MO.
64. Reeves, K. S. and D. L. Galat. Dec 2003. Sandbar associated nursery habitat for larval fishes in the lower Missouri River. 64th Midwest Fish & Wildlife Conference, Kansas City, MO.
65. Patton, L. D. and D. L. Galat. May 2004. Spawning periods and growth of larval gizzard shad from the lower Missouri River. 8th Annual Missouri Natural Resources Conference, Columbia, MO.
66. Reeves, K. S. and D. L. Galat. May 2004. Nursery habitat for larval fishes in the lower Missouri River. 8th Annual Missouri Natural Resources Conference, Columbia, MO.
67. Galat, D. L. Jan 2005. Conserving *Scaphirhynchus* Sturgeons in the Missouri River: A Plea for More Ecology. Evolution, Ecology and Management of Scaphirhynchus Conference, St. Louis, MO.
68. Reeves, K., G. Gelwicks, and D. Galat. May 2005. Diel patterns in habitat use by larval fishes in the lower Missouri River. Missouri River Natural Resources Conference. Pierre SD.
69. Tracy, E. K., D. L. Galat, and R. B. Jacobson. May 2005. Availability of lower Missouri River sandbar habitats in relation to discharge. Missouri River Natural Resources Conference. Pierre, SD.
70. Tracy, E. K., D. L. Galat, and R. B. Jacobson. September 2005. Predicting shallow-water habitat availability for fishes on lower Missouri River sandbars. American Fisheries Society Annual Meeting, Anchorage, AK.
71. Reeves, K. S., and D. L. Galat. September 2005. Defining near-shore nursery habitat for larval fishes in the lower Missouri River channel. American Fisheries Society Annual Meeting, Anchorage, AK.

72. O'Donnell, T. K. and D. L. Galat. June 2006. River restoration in the Upper Mississippi River basin: Insights from project managers and Practitioners. International Conference on Rivers and Civilization, La Crosse, WI.
73. Lubinski, K. S., J. Barko, D. Galat, J. Nestler, and C. Theiling. June 2006. Application of the concept of ecological health to adaptive management of the Upper Mississippi River. International Conference on Rivers and Civilization. La Crosse, WI.
74. Galat, D. L., K. E. Doisy, and K. S. Reeves. Dec 2006. Importance of shallow, slow-velocity habitats to growth of larval gizzard shad in the Lower Missouri River channel. 67th Midwest Fish & Wildlife Conference, Omaha, NE.
75. Ridenour, C. J. and D. L. Galat. Dec 2006. Shallow-water microhabitat use and distribution of small fishes at Lower Missouri River sandbars. 67th Midwest Fish & Wildlife Conference, Omaha, NE.
76. Tracy-Smith, E. K., D. L. Galat, and R. B. Jacobson. Dec 2006. Effects of discharge on Lower Missouri River sandbars and their use by riverine fishes. 67th Midwest Fish & Wildlife Conference, Omaha, NE.
77. Galat, D. L., C. Fleming, M. George, and J. Ledwin. April 2007. Challenges to effective rehabilitation of the Missouri River. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
78. Clevestine, R., J. Barko, B. Johnson, S. Bartell, D. Galat, M. Davis, K. Lubinski, J. Nestler, and L. Weber. April 2007. Implementing adaptive management for Upper Mississippi River navigation and ecosystem sustainability. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
79. Headrick, M. R., D. L. Galat, and R. Renken. April 2007. Ecological lessons learned from the great Missouri River flood of 1993. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
80. Jacobson, R., and D. Galat. April 2007. Design of naturalized flow regimes on large, multi-purpose river systems: an example from the Lower Missouri River. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
81. Nestler J., L. Weber, D. Galat, and M. Davis. April 2007. Large rivers from a fish's perspective: integrating stream habitat and flood pulse concepts. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
82. O'Donnell, T. K. and D. L. Galat. April 2007. Including quantifiable objectives and project monitoring in river restoration: the case of the Upper Mississippi River Basin. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
83. Tracy-Smith, E. K., D. L. Galat, and R. B. Jacobson. April 2007. Effects of flow dynamics on lower Missouri River sandbar morphology with implications for selected biota. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
84. Wilcox, D. B., D. L. Galat, C. H. Theiling and K. S. Lubinski. April 2007. Goals and objectives for condition of the Upper Mississippi River ecosystem. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
85. Mengel, D. C and D. L. Galat. August 2007. Assessment of wetland reserve program restoration efforts measured by occupancy of amphibian metamorphs. Association of Sate Wetland Managers Annual Meeting, Watershed-wide Strategies to Maximize Ecological and Social Services. Williamsburg, VA.
86. Papoulias, Diana M., Braaten, Patrick J., Delonay, Aaron J., Doyle, Wyatt J., Fuller, David, B., Simpkins, Darin G., Wildhaber, Mark L., and Galat, David L. September 2007. Evidence for protracted spawning in shovelnose sturgeon from the Missouri River. Annual Meeting American Fisheries Society, San Francisco.

87. Lubinski, K., K. Barr, J. Barko, S. Bartell, R. Clevenstine, M. Davis, D. Galat, and D. Wilcox. December 2008. Considering ecosystem services in restoration decisions on the Upper Mississippi River System. A Conference on Ecosystem Services (ACES) 2008: Using Science for Decision Making in Dynamic Systems, Naples Florida.
88. Lallaman, J. and D. Galat. Dec 2008. Paddlefish habitat use associated with regulated river discharges in the Lower Osage River, Missouri. 69th Midwest Fish & Wildlife Conference, Columbus, OH. *3rd Place Award for Best Student Presentation*
89. D. L. Galat and 7 co-authors. July 2009. Establishing System-wide Goals and Objectives for Restoring the Upper Mississippi River System within an Adaptive Management Framework. 3rd National Conference on Ecosystem Restoration, Los Angeles, CA.
90. Montgomery, M. and D. L. Galat. July 2009. Restoring river-floodplain connectivity for fish spawning and nursery in the Lower Missouri River: Use of a constructed fish passage facility. First Triennial Symposium for the International Society of River Science (ISRS). St. Pete Beach, FL. 3rd National Conference on Ecosystem Restoration, Los Angeles, CA.
91. Fore, J.D., S.P. Sowa, D.L. Galat, D.D. Diamond, and C. Rewa. August 2009. Modeling fish assemblage response to human threats and conservation practices: An approach to large scale stream conservation. A Workshop on Integrated Landscape Monitoring: Towards a National to Model to Monitor and Forecast Changes in Ecosystem Services. Via WebEx.
92. Fore, J.D., S.P. Sowa, D.L. Galat, D.D. Diamond, and C. Rewa. September 2009. A Landscape Approach to Lotic Fish Conservation: Integrating Effects of Human Threats and Conservation Practices. Annual Meeting of the American Fisheries Society. Nashville, TN.
93. Fore, J.D., S. P. Sowa, G.M. Annis, D. D. Diamond, D. L. Galat, and C. Rewa. December 2009. Using human threat indices to prioritize conservation areas for lotic fishes. Midwest Fish & Wildlife Conference, Springfield IL. January 2010. 3rd Annual Midwest Student Fisheries Colloquium (AFS). Manhattan, KS. March 2010. Missouri River Natural Resources Conference. Nebraska City, NE.
94. Lallaman J. J., M. I. Malin, C. J. Vishy, A. J. DeLonay, and D. L. Galat. December 2009. Use of three different acoustic gears to assess paddlefish abundance and distribution in the Lower Osage River, MO. Midwest Fish & Wildlife Conference, Springfield IL.
95. Lallaman, J., D. L. Galat, D Papoulias, and M. Annis. January 2010. Use of plasma sex steroids to determine sex and reproductive condition in paddlefish. Mississippi Interstate Cooperative Resource Association, Annual Meeting, Nashville, TN.
96. Galat, D. L. and M. D. Montgomery. August 2010. Discharge-temperature coupling in a regulated floodplain river relative to the flood-pulse concept. 31st Congress of the International Limnological Society, Cape Town, South Africa.
97. Lallaman, J., and D. L. Galat. December 2010. Modeling physical factors to predict upstream paddlefish passage over a low-head lock and dam. 71st Midwest Fish and Wildlife Conference, Minneapolis, MN.
98. Jacobson, R. D. L. Galat, C. B. Smith. December 2010. Science roles and interactions in adaptive management of large river restoration projects, Midwest United States. Applying River and Watershed Research to Facilitate Management and Guide Policy. American Geophysical Union, Fall Meeting, San Francisco, CA.
99. Galat, D., D. Baratta, G. Benjamin, D. Blodgett, S. Davis, D. DeGeus, S. Haase, S. McMahon, M. Reuter, D. Rudin, T. Strole, and Y. Yin. August 2011. Great rivers for people and nature. 4th National Conference on

Ecosystem Restoration, Baltimore, MD.

100. Galat, D. T. Strole, M. Reuter, and J. Higgins. August 2011. Identifying globally “great” rivers for integrated river basin management. 2nd Biennial Symposium of the International Society for River Science, Berlin.
101. Fore, J.D., Scott P. Sowa, Gust M. Annis, David D. Diamond, David L. Galat, and Charles Rewa. December 2011. An assessment of the effects of human threats and agricultural BMPs on stream fishes. Midwest Fish and Wildlife Conference. Des Moines, IA.
102. Galat, D. August 2015. The role of independent science review in river management. 4th Biennial Symposium, International Society of River Science, La Crosse, WI.

Posters

1. Gelwicks, G., J. C. Sargent and D. L. Galat. 1992. Restoring the lower Missouri River floodplain linkage for fishes: can wetland wildlife areas play a role? American Fisheries Society Annual Meeting, Rapid City, SD. *Winner of Best Student Poster Award.*
2. Calfee, J. W., G. Gelwicks and D. L. Galat. 1996. An electrofishing approach for assessing habitat use by fishes within Lower Missouri River scour holes. Midwest Fish and Wildlife Conference, Omaha, NE. 1997 Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
3. Hooker, J. B. and D. L. Galat. 1996. Fish use of flooded agricultural land on the Lower Missouri River during the flood of 1995. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
4. Kubisiak J. and D. L. Galat. 1996. Use of Lower Missouri River scour holes as fish habitat. Missouri Forest, Fish and Wildlife Conference, Osage Beach, MO.
5. Baird, M., D. Dieterman and D. Galat. Mar 1998. Effects of seasonal variability and mesh size on fish population indices in the Missouri River, Missouri. 2nd Annual Conference on Natural Resources of the Missouri River Basin, Nebraska City, NE.
6. Lastrup, M. L. and D. L. Galat. Aug 1998. Using historical channels to aid in setting rehabilitation goals for large, alluvial rivers. Program Review of Fish and Aquatic Ecology. U. S. Geological Survey, Biological Resources Division, Madison, WI.
7. Galat, D. L. and M. L. Lastrup. Nov 1998. Using historical channels to aid in setting rehabilitation goals for large alluvial rivers. Assessing the Ecological Integrity of Running Waters, Vienna, Austria.
8. Bergstedt, L. C., R. G. White and D. L. Galat. Nov 1998. Development of an index of biotic integrity for measuring biological condition on the Missouri River. Assessing the Ecological Integrity of Running Waters, Vienna, Austria.
9. Wildhaber, M. L., P. J. Lamberson, and D. L. Galat. August 2000. Fish Catch data in relation to large river bed form. American Fisheries Society Annual Meeting, St. Louis, Missouri.
10. Galat, D. L. and S. J. Clark. March 2002. Fish spawning and discharge-temperature coupling along the Missouri River: implications for environmental flows. Environmental Flows for River Systems, International Working Conference on Assessment and Implementation. Cape Town, South Africa. April 2002. 6th Annual Missouri River Natural Resources Conference. South Sioux City, NE.
11. Jacobson, R., D. Galat, and J. Heuser. March 2002. Visualization of lower Missouri River flow alternatives to conserve endangered fishes. Environmental Flows for River Systems, International Working Conference on Assessment and Implementation. Cape Town, South Africa.

12. Reeves, K, L. Patton, D. Galat. April 2002. Use of shallow-water habitat by larval fishes in the lower Missouri River. 6th Annual Missouri River Natural Resources Conference. South Sioux City, NE.
13. Clark, S. J., K. S. Reeves, and D. L. Galat. January 2003, June 2003. Larval fish use of the main channel in the lower Missouri River. Missouri Natural Resources Conference, Osage Beach, MO. 7th Annual Missouri River Natural Resources Conference. Atchison, KS.
14. Patton, L. D. and D. L. Galat. January 2003, June 2003. Spawning periods and growth of selected species of larval fishes from the lower Missouri River. Missouri Natural Resources Conference, Osage Beach, MO. 7th Annual Missouri River Natural Resources Conference. Atchison, KS.
15. Reeves, K. S. and D. L. Galat. January 2003, June 2003. Use of shallow-water habitat by larval fishes in the lower Missouri River. Missouri Natural Resources Conference, Osage Beach, MO. 7th Annual Missouri River Natural Resources Conference. Atchison, KS.
16. Hulse, S. N. Hulse and D. L. Galat. Dec 2003. Spatio-temporal scales relevant to life histories of middle Mississippi River fishes. 64th Midwest Fish & Wildlife Conference, Kansas City, MO.
17. Tracy, E. K., C. Elliot, D. Galat, R. Jacobson, and K. Reeves. Dec 2003. Spatial metrics of lower Missouri River sandbars in relation to discharge and their ecological implications. 64th Midwest Fish & Wildlife Conference, Kansas City, MO.
18. Tracy, E. K. and D. L. Galat. May 2004. Effects of discharge on sandbar morphometry between tow types of sandbars. 8th Annual Missouri Natural Resources Conference, Columbia, MO. *Winner Best Poster Award*
19. Mattingly, H. T. and D. L. Galat. February 2005. Predictive performance of a microhabitat model for a rare Ozark stream fish. Tennessee EPSCoR Environmental Summit, Cookeville, TN.
20. Johnson, J., D. Papoulias, and D. Galat. May 2005. Reproductive development of Missouri River chubs in relation to environmental variables. Missouri River Natural Resources Conference. Pierre, SD.
21. Ridenour, C. J. and D. L. Galat. May 2005. Shallow-water sandbar habitat use by small-bodied fishes on the lower Missouri River. Missouri River Natural Resources Conference. Pierre, SD.
22. Galat, D., E. Bernhardt, K. Lubinski, M. Palmer, C. Theiling, and D. Wilcox. Jan 2006. Large river rehabilitation within an adaptive management framework: setting achievable goals and objectives. Ecological Society of America, Ecology in an Era of Globalization, Merida, Mexico; 8th Biennial River Management Society Symposium and 10th Annual Missouri River Natural Resources Conference, South Sioux City, NE, May 2006; International Conference on Rivers and Civilization, La Crosse WI, Jun 2006.
23. Ridenour, C. J. and D. L. Galat. Jun 2006. Shallow-water microhabitat use and distribution of small fishes at lower Missouri River sandbars. International Conference on Rivers and Civilization La Crosse, WI.
24. Montgomery, M. and D. Galat. April 2007. Use of a passage facility by Missouri River fishes for spawning and nursery in seasonal wetland pools at Eagle Bluffs Conservation Area. 2nd National Conference on Ecosystem Restoration, Kansas City, MO.
25. Lallaman, J. and D. Galat. Jan 2008. Paddlefish movement past a low-head lock and dam in the Osage River, Missouri. Missouri Natural Resources Conference, Osage Beach, MO.
26. Montgomery, M. and D. Galat. Jan 2008. Composition of Missouri River fishes accessing Eagle Bluffs Conservation Area through a 'fish friendly' passage structure. Missouri Natural Resources Conference, Osage Beach, MO.

27. Montgomery, M. and D. Galat. March 2008. Composition of Missouri River fishes accessing Eagle Bluffs Conservation Area through a 'fish friendly' passage structure. Missouri River Natural Resources Conference, Nebraska City, NE.
28. Buckler, J., Candrl, J., McKee, M., Papoulias, D., and Galat, D. July 2009. Effects of contaminants on the shovelnose sturgeon as surrogate for the endangered pallid sturgeon. Presented at: Multiple stressors in urban and agricultural environments. Annual Meeting of the Ozark-Prairie Region Chapter of the Society of Environmental Toxicology and Chemistry; Grays Summit, MO. November 2009. Society of Environmental Toxicology and Chemistry Annual Meeting, New Orleans, LA.
29. Galat, D, M. Reuter, and D. Rudin. April 2011. Great rivers for people and nature. International Conference on the Status and Future of the World's Large Rivers, Vienna, Austria.
30. Buckler, J., J. Candrl, M. McKee, D. Papoulias, D. Tillitt, and D. Galat. November 2011. Persistent organic pollutant effects on shovelnose sturgeon reproduction and early life stages. Society of Environmental Toxicology and Chemistry Annual Meeting, Boston, MA.
31. Fore, J.D., S. P. Sowa, G. M. Annis, D. D. Diamond, D. L. Galat, and C. Rewa. September 2011. An initial assessment of NRCS conservation practices effects on stream fishes. Annual Meeting of the American Fisheries Society. Seattle, WA.
32. Galat, D., C. Apse, and K. Krchnak. October 2012. Creating a global great rivers network for integrated river basin management. EcoSummit 2012 - Ecological Sustainability: restoring the Planet's Ecosystem Services, Columbus, OH.
33. Montgomery, M. and D. Galat. August 2015. Connectivity and export of fish biomass to the lower Missouri River from a managed floodplain wetland. 4th Biennial Symposium, International Society of River Science, La Crosse, WI.

THESES/DISSERTATIONS SUPERVISED

- Monda, D. P. 1991. Toxicity of ammonia in sewage effluent to aquatic macroinvertebrates. Master's Thesis, University of Missouri, Columbia.
- Pitts, P. 1991. Survival and growth rates of larval and juvenile gizzard shad determined from early otolith rings (co-advised with T. Coon). Master's Thesis, University of Missouri, Columbia.
- Converse, J. W. 1994. Water chemistry, nutrient dynamics, and macrophyte production of a large, cold-water spring. Master's Thesis, University of Missouri, Columbia.
- Tibbs, J. E. 1995. Habitat use by small fishes in the Lower Mississippi River related to foraging by least terns (*Sterna antillarum*). Master's Thesis, University of Missouri, Columbia.
- Gelwicks, G. T. 1995. Fish movement between the Lower Missouri River and a managed floodplain wetlands in Missouri. Master's Thesis, University of Missouri, Columbia.
- Nielsen, C. D. 1996. Substrate association by macroinvertebrates in a large, cold-water springbranch. Master's Thesis, University of Missouri, Columbia.
- Sargent, J. C. 1996. The importance of managed wetlands as fish nursery habitat in the lower Missouri River floodplain. Master's Thesis, University of Missouri, Columbia.

- Kubisiak, John. 1997. Lower Missouri River flood-scoured basins as fish nursery: the influence of connectivity. Master's Thesis, University of Missouri, Columbia.
- Mattingly, H. T. 1999. Spatially nested models of habitat use by the Niangua darter, *Etheostoma nianguae*, a threatened Ozark stream fish. Doctoral Dissertation, University of Missouri, Columbia.
- Dieterman, D. J. 2000. Spatial patterns in phenotypes and habitat use of sicklefin chub, *Macrhybopsis meeki*, in the Missouri and lower Yellowstone rivers. Doctoral Dissertation, University of Missouri, Columbia.
- Hulse, S. N. May 2005. Habitat use and spatio-temporal scales relevant to life histories of middle Mississippi River fishes. Master's Thesis, University of Missouri, Columbia.
- Tracy-Smith, E. August 2006. Relation of Missouri River flows to sandbar morphology with implications for selected biota. Master's Thesis, University of Missouri, Columbia.
- O'Donnell, T. K., December 2006. River restoration in the upper Mississippi River Basin. Master's Thesis, University of Missouri, Columbia.
- Reeves, K. December 2006. Use of main channel and shallow-water habitat by larval fishes in the lower Missouri River. Doctoral Dissertation, University of Missouri, Columbia.
- Ridenour, C. July 2007. Assemblage structure and shallow-water habitat use by small-bodied fishes at lower Missouri River Sandbars. Master's Thesis, University of Missouri, Columbia.
- Mengel, D. October 2010. Amphibians as wetland restoration indicators on Wetlands Reserve Program sites in Lower Grand River Basin, Missouri. Master's Thesis, University of Missouri, Columbia.
- Buckler, J. December 2011. Persistent organic pollutant effects on Middle Mississippi River *Scaphirhynchus* sturgeon reproduction and early life stages. Master's Thesis, University of Missouri, Columbia. (Co-advisor with Dr. Diana Papoulias)
- Fore, J. August 2012. Remediating effects of human threats on lotic fish assemblages within the Missouri river basin: how effective are conservation practices? Doctoral Dissertation, University of Missouri, Columbia. (Co-advisor with Dr. Scott Sowa)
- Lallaman, J. December 2012. Factors affecting paddlefish reproductive success in the lower Osage River. Doctoral Dissertation, University of Missouri, Columbia.
- Montgomery, M. May 2016. Science and management of river-floodplain connectivity for fish movement and recruitment: a case study of a managed wetland on the Lower Missouri River. Master's Thesis, University of Missouri, Columbia.