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Michael P. Masser, Ph.D.

Department of Wildlife and Fisheries Sciences
111B Nagle Hall
Texas A&M University
2258 TAMUS
College Station, TX 77843-2258
(979) 845-7370, m-masser@tamu.edu

EDUCATION

- Ph.D. - Wildlife and Fisheries - 1986
Texas A&M University, College Station, TX
Dissertation - Effects of Temperature and Dietary Energy/Protein Ratio on
Growth of Channel Catfish (*Ictalurus punctatus*)
- M.A. - Biology & Education - 1973
Incarnate Word College, San Antonio, TX
- B.A. - Geography & Zoology - 1970
University of Texas, Austin, TX

PROFESSIONAL EXPERIENCE

September 1998 - present:

Professor (2001) and Extension Fisheries Specialist, Texas AgriLife Extension Service (formerly Texas Cooperative Extension), Department of Wildlife and Fisheries Sciences, Texas A&M University, Associate Department Head/Program Leader for Extension (2006-present), Associate Professor 1998-2001.

August 1989 - August 1998:

Extension Fisheries Specialist – Professor (Sept. 1998), Associate Professor with Tenure 1993-1998, Assistant Professor 1989-1993. AL Cooperative Extension System (ACES), Department of Fisheries and Allied Aquacultures, Auburn University.
Extension Fisheries Program Coordinator 1996-98.
Developed ACES 4-Year Extension Team Projects for Aquaculture and Recreational Fisheries and Aquatic Ecology. 1998-2001.

May 1986 - July 1989:

State Specialist for Aquaculture, Cooperative Extension Program, Kentucky State University, Frankfort, KY.

September 1982 - May 1986:

Graduate Research Assistant, Texas Cooperative Wildlife Collection (Sept 85-July 86)
Graduate Teaching Assistant, Fish Disease Management (Sept 85 – Dec 85)

Tom Slick Fellow, College of Agriculture (Sept 84 – Aug 85)
Graduate Research Assistant - Arab/Israeli Project. ATRF (Jun 84 – Aug 84)
Graduate Teaching Assistant - Animal Ecology (Sept 82- May 84)
Department of Wildlife and Fisheries Sciences, Texas A&M University.

August 1975 - May 1982:

Teacher - Biology I, Biology II, Environmental Science, and Student Council Advisor;
Sidney Lanier High School, San Antonio Independent School District.

September 1977 - August 1982:

President and Chairman of the Board - The Alchemist Silver Recovery, Inc., San
Antonio, TX.

August 1975 – July 1977:

Co-owner – Sunshine Resilvering. San Antonio, TX.

August 1973 - May 1980:

Instructor - Biology I & II, Human Anatomy and Physiology I & II, Man and His
Environment I & II; San Antonio College.

August 1976 - December 1977:

Instructor - Veterans Upward Bound Program, St. Mary's University, San Antonio, TX.

August 1971 - May 1975:

Teacher - Biology I, Environmental Science, Tennis Coach, and Science Club Sponsor,
Thomas Edison High School, San Antonio ISD.

PUBLICATIONS: Book Chapters

Masser, M.P. and B. Higginbotham. “Fee-Fishing Opportunities”. *In: Small Impoundment Management, American Fisheries Society (in press)*

Masser, M.P. “Cage Culture in Freshwater and Protected Marine Areas”. *In: Aquaculture Production Systems. Ed. J.H. Tidwell. Wiley-Blackwell. Oxford, United Kingdom. (in press)*

Masser, M.P. “In-pond Raceways”. *In: Aquaculture Production Systems. Ed. J.H. Tidwell. Wiley-Blackwell. Oxford, United Kingdom. (in press)*

Masser, M.P. and C. Bridger. 2007. A Review of Cage Culture in North America: An Overview of Status and Prospects. *In: Cage Aquaculture, Regional Reviews and Global Overview. FAO Fisheries Technical Paper 498. Rome. pp. 106-128.*

Masser, M.P. 2005. Alligator Aquaculture. *In: A.M. Kelly and J. Silverstein, editors. Aquaculture in the 21st Century. American Fisheries Society, Symposium 46, Bethesda, Maryland. pp. 217-225.*

Masser, M.P. 2004. Cages and In-pond Raceways. *In:* Tucker and J.A. Hargreaves, editors. *Biology and Culture of Channel Catfish*. Elsevier, Amsterdam, The Netherlands. pp. 530-44.

Dunham, R.A., C.Hyde, **M. Masser**, J.A. Plumb, R.O. Smitherman, R. Perez, and A.C. Ramboux. 1996. Comparison of Culture Traits of Channel Catfish, *Ictalurus punctatus*, and Blue Catfish, *I. furcatus*. *In:* Recent Developments in Catfish Aquaculture. pp. 257-267.

Masser, M. P., and W.A. Wurts. 1991. How Do I Manage My Farm Pond for Fishing? Section E, Chapter 5. *In:* A Landowner Guide to Managing Wildlife in Kentucky: ed. T. Barns.

PUBLICATIONS: Symposia/Conference Proceedings/Encyclopedia– edited

Masser, M.P. and A. Schonrock. 2006. An Internet Survey of Private Pond Owners and Managers in Texas. Tenth National Extension Wildlife and Fisheries Conference. Big Sky, MT. pp. 119-124.

Higginbotham, B., **M. Masser**, and P. Woods. 2006. Bass Management Symposia: Managing Ponds and Lakes for Better Fishing. Tenth National Extension Wildlife and Fisheries Conference. Big Sky, MT. pp. 111-118.

Masser, M.P. 2005. Intensive Culture of Channel Catfish (*Ictalurus punctatus*) and Tilapia (*Oreochromis noluticus*) in Cages and In-pond Raceways. V Seminario Internacional de Acuicultura. Bogota, Columbia. November 21-25. pp. 71-73.

Masser, M.P.. 2000. The Status and Future of Inland Aquaculture, Taller sobre Desarrollo de la Piscicultura en la Amazonia (Workshop on the Development of Fish Culture in the Amazon), IIAP (*Instituto de Investigaciones de la Amazonia Peruana*), Iquitos, Peru. December 2-3, 18 pp. {in: *English and Spanish*}

Masser, M.P. 2000. Management Implications of Water Gardens. Proceedings of the Ninth National Extension Wildlife, Fisheries, and Aquaculture Conference. Portland, ME. September 30 - October 2, 1999. pp. 217-219.

Masser, M.P. 2000. Cages and In-pond Raceways as Sustainable Aquaculture in Watershed Ponds. Proceedings of the Ninth National Extension Wildlife, Fisheries, and Aquaculture Conference. Portland, ME. September 30 - October 2, 1999. pp. 171-180.

Masser, M.P. 2000. Alligator Aquaculture. *In:* Encyclopedia of Aquaculture. John Wiley and Sons, Inc. New York, NY. pp. 27-33.

Masser, M.P. 2000. Aquatic Vegetation Control. *In:* Encyclopedia of Aquaculture. John Wiley and Sons, Inc. New York, NY. pp. 51-61.

Masser, M.P. 2000. Predators and Pests. *In:* Encyclopedia of Aquaculture. John Wiley and Sons, Inc. New York, NY. pp. 671-676.

Crews, J.R. and **M.P. Masser**, 1999. U.S. Aquaculture Outlook. Proceedings of the Southern Regional Agriculture Outlook Conference, Atlanta, Georgia, September 27-28. 11 pp.

Masser, M.P. 1999. Developing Producer Driven Quality Assurance Programs: the U.S. Catfish Model. *In*: B.W. Green, H.C. Clifford, M. McNamara and G. Montano, editors. V Central American Symposium on Aquaculture: Aquaculture and Environment Together Towards the New Millennium. San Pedro Sula, Honduras, August 18-19, pp 152-154.

Hinshaw, J., S. Thompson, and **M. Masser**. 1996. A Culture Manual for California Trout. VOCA/ACDI Workshop. Okred, Macedonia. 68 pp.

Yoo, K.H. and **M.P. Masser**. 1992. Floating In-pond Raceways for Environmentally Sound Fish-culture. Proceedings of the International Agricultural Engineers Conference. August. Bangkok, Thailand.

Masser, M. and K. Yoo. 1992. Summary of Prototype Floating Raceway Culture System for Channel Catfish - 1991. Facilities Section. Proceedings of the National Extension Aquaculture Workshop. March. Ferndale, AR. pp. 7-9.

Masser, M. and D. Candussi. 1992. Teleconferencing: The Auburn Experience. Communications Section. Proceedings of the National Extension Aquaculture Workshop. March. Ferndale, AR. pp. 9-11.

PUBLICATIONS: Journals – peer reviewed

Neisch, M., D. Roelke, B. Brooks, J. Grover, and **M. Masser**. Stimulating Effect of *Anabaena* sp. (Cyanobacteria) Exudate on *Prymnesium parvum* (Haptophyta). *Journal of Phycology*. (in press).

Gandy, R.L., T.M.Samocho, **M.P. Masser**, J.M. Fox, A.M.S. Ali, D.M. Gatlin, and M. Speed. 2007. The Effect of Unilateral Eyestalk Ablation and Diet on the Reproductive Performance of Wild-caught *Farfantepenaeus aztecus* (Ives, 1891) Using a Closed Recirculating Maturation System. *Aquaculture Research*. 38 (6), pp. 580-587.

Nelson, R.G., S.A. Duarte, and **M.P. Masser**. 2001. Financial Risk Analysis of Three Aeration Regimes in Catfish Cage Culture. *Aquaculture Economics and Management*. 5:3&4. pp. 171-178.

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Tai, C.F., L.U. Hatch, **M.P. Masser**, O.J. Cacho, and D.G. Hoffman. 1994. Validation of a Growth Model for Catfish. *Aquaculture*. 128 pp. 245-254.

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PUBLICATIONS: Extension – peer reviewed

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Woods, P. and **Masser, M.P.** 2009. Cage Culture: Harvesting and Economics. Southern Regional Aquaculture Center (SRAC). No. 166 (revised). 6 pp.

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Masser, M.P. 2008. What is Cage Culture. Southern Regional Aquaculture Center (SRAC). No. 160 (revised). 2 pp.

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- Masser, M.P.**, T.R. Murphy, and J.L. Shelton. 2006. Aquatic Weed Management: Herbicides. Southern Regional Aquaculture Center (SRAC). No. 361 (revised). 5 pp.
- Masser, M.P.**, P. Woods, and G.M. Clary. 2005. Texas Catfish Production in Ponds. E-342. Texas Cooperative Extension. 29 pp.
- Wurts, W. and **M. Masser**. 2004. Liming Ponds for Aquaculture. Southern Regional Aquaculture Center (SRAC). No. 4100. 4 pp.
- Masser, M.P.** 2002. Using Grass Carp in Aquaculture and Pond Management. Southern Regional Aquaculture Center (SRAC). No. 3600. 4 pp.
- Masser, M.P.**, T.R. Murphy, and J.L. Shelton. 2001. Aquatic Weed Management: Herbicides. Southern Regional Aquaculture Center (SRAC). No. 361. February. 5 pp.
- Masser, M.P.** 2000. Concept 11: Pond Dynamics and Balance. Wildlife Habitat Evaluation Program National Manual. The WHEP National Committee. pp 11-12.
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- Masser, M.P.** 1999. Water Gardens. Southern Regional Aquaculture Center (SRAC). No. 435. 8 pp.
- Popma, T. and **M. Masser**. 1999. Tilapia: Life History and Biology. Southern Regional Aquaculture Center (SRAC). No. 283. 4 pp.
- Losordo, T.M., **M.P. Masser**, and J. Rakocy. 1998 (Revised). Recirculating Aquaculture Tank Production Systems: An Overview of Critical Considerations. Southern Regional Aquaculture Center (SRAC). No. 451. 6 pp.
- Masser, M.P.**, J. Rakocy, and T.M. Losordo. 1998 (Revised). Recirculating Aquaculture Tank Production Systems: Management of Recirculating Systems. Southern Regional Aquaculture Center (SRAC). No. 452. 12 pp.
- Losordo, T.M., **M.P. Masser**, and J. Rakocy. 1998 (Revised). Recirculating Aquaculture Tank Production Systems: A Review of Component Options. Southern Regional Aquaculture Center (SRAC). No. 453. 12 pp.
- Masser, M.P.** and R. Dunham. 1998. Production of Hybrid Catfish. Southern Regional Aquaculture Center (SRAC). No. 190. 8 pp.
- Killian, H.S., D. Heikes, P. Van Wyk, **M. Masser**, and C.R. Engle. 1998. Inventory Assessment Methods for Aquaculture Ponds. Southern Regional Aquaculture Center (SRAC). No. 395. 4 pp.

- Masser, M.P.** and D.B. Rouse. 1997. Australian Red Claw Crayfish. Southern Regional Aquaculture Center (SRAC). No. 244. 8 pp.
- Masser, M.P.** and A. Lazur. 1997. In-pond Raceways. Southern Regional Aquaculture Center (SRAC). No. 170. 12 pp.
- Masser, M. P.** 1997 (Revised). Cage Culture: Site Selection and Water Quality. Southern Regional Aquaculture Center (SRAC). No. 161. 4 pp.
- Masser, M. P.** 1997 (Revised). Cage Culture: Cage Construction, Placement and Aeration. Southern Regional Aquaculture Center (SRAC). No. 162. 4 pp.
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- Masser, M. P.** 1997 (Revised). Cage Culture: Handling and Feeding Caged Fish. Southern Regional Aquaculture Center (SRAC). No. 164. 4 pp.
- Armstrong, J., M. Lee-Sasser, and **M. Masser**. 1997. Wildlife Habitat Evaluation Program Manual. Alabama Cooperative Extension System. YANR-186. 12 pp.
- Armstrong, J., M. Lee-Sasser, and **M. Masser**. 1997. Principles of Wildlife Management in Alabama. Alabama Cooperative Extension System. YANR-197. 54 pp.
- Van Wyk, P., **M. Masser**, D. Heikes, and H.S. Killian. 1997. Inventory Assessment Methods for Catfish Ponds. PESCAT Handbook: Fact Sheets and Information. Southern Regional Aquaculture Center (SRAC). PESCAT 12. 21 pp.
- Masser, M.** and D. Cline. 1996. Caged Fish Production In Alabama. Alabama Cooperative Extension Service. ANR-957. 11 pp.
- Crance, J. and **M. Masser**. 1995. Streams - A National Heritage Worth Preserving. ACES Circular ANR-911. 19 pp.
- Masser, M. P.**, G. Whitis, and J. Crews. 1995. Production of Crawfish in Alabama. Alabama Cooperative Extension Service. ANR-891. 14 pp.
- Masser, M.** and E. Andersen. 1994. Ornamental Garden Pools. Alabama Cooperative Extension Service. ANR-789. 16 pp.
- C.E. Cichra, **M.P. Masser**, and R.J. Gilbert. 1994. Fee-Fishing: Location, Site Development and Other Considerations. Southern Regional Aquaculture Center (SRAC). No. 482 6 pp.
- C.E. Cichra, **M.P. Masser**, and R.J. Gilbert. 1994. Fee-Fishing: An Introduction. Southern Regional Aquaculture Center (SRAC). No. 481 6 pp.

- Masser, M.** and C. Hyde. 1994. Recreational Catfish Pond Management. Alabama Cooperative Extension Service. ANR-826. 15 pp.
- Masser, M.,** B. Hawcroft, and K. Yoo. 1993. A New Aquaculture System to Produce Fish and Remove Wastes. Highlights of Agricultural Research. AAES. 40(4): p. 5.
- Avery, J., M. Brunson, H. Dupree, C. Engle, J. Jensen, M. Johnson, **M. Masser**, C. Taylor, and H. Warren, III. 1993. Catfish Quality Assurance Program. Catfish Farmers of America. 14 pp.
- Masser, M.** 1993. Alligator Production: An Introduction. Southern Regional Aquaculture Center (SRAC). No. 230. 3 pp.
- Masser, M.** 1993. Alligator Production: Breeding and Egg Incubation. Southern Regional Aquaculture Center (SRAC). No. 231. 7 pp.
- Masser, M.** 1993. Alligator Production: Growout and Harvest. Southern Regional Aquaculture Center (SRAC). No. 232. 4 pp.
- Masser, M.** 1993. Recreational Fish Pond Management in Texas. Texas Agricultural Extension Service. 21 pp. (adapted from ACES 2 577).
- Masser, M.P.,** C.E. Cichra, and R.J. Gilbert. 1993. Fee- Fishing: Management of Food Fish and Water Quality. Southern Regional Aquaculture Center (SRAC). No. 480. 8 pp.
- Masser, M.P.** and D.B. Rouse. 1993. Production of Australian Red Claw Crayfish. Alabama Cooperative Extension Service. ANR-769. 11 pp.
- Hiott, A., J. Jensen, and **M. Masser**. 1992. Alabama State Aquaculture Plan. Auburn University, Al. 121 pp.
- Masser, M.P.,** J. Rakocy, and T.M. Losordo. 1992. Recirculating Aquaculture Tank Production System: Management of Recirculating Systems. Southern Regional Aquaculture Center (SRAC). No. 452. 12 pp.
- Losordo, T.M., J. Rakocy, and **M.P. Masser**. 1992. Recirculating Aquaculture Tank Production System: Component Options. Southern Regional Aquaculture Center (SRAC). No. 453 12 pp.
- Rakocy, J., T.M. Losordo, and **M.P. Masser**. 1992. Recirculating Aquaculture Tank Production System: Integrating Fish and Plant Culture. Southern Regional Aquaculture Center (SRAC). No. 454 8 pp.
- Losordo, T.M., **M.P. Masser**, and J. Rakocy. 1992. Recirculating Aquaculture Tank Production System: An Overview of Critical Considerations. Southern Regional Aquaculture Center (SRAC). No. 451 6 pp.

Masser, M.P. and J.W. Jensen. 1992. Calculating Treatments for Ponds and Tanks. Southern Regional Aquaculture Center (SRAC). No. 410. 7 pp.

Masser, M.P. 1992. Management of Recreational Fish Ponds in Alabama. Alabama Cooperative Extension Service. ANR-577. 19 pp.

Everest, J.W., J.W. Jensen, **M.P. Masser**, D. R. Bayne. 1992. Chemical Weed Control for Lakes and Ponds. Alabama Cooperative Extension Service. ANR-48. 7 pp.

Masser, M.P., J.W. Jensen, and J.R. Crews. 1991. Channel Catfish Production in Ponds. Alabama Cooperative Extension Service. ANR-195. 22 pp.

Masser, M.P. 1991. Alligator - Commercial Production. Alabama Cooperative Extension Service. ANR-576. 19 pp.

Masser, M.P., and Y. J. Brady. 1989. Guidelines for Collection and Shipping of Diseased Fish. Alabama Cooperative Extension Service. ANR-562.

Masser, M.P. 1988. What is Cage Culture? Southern Regional Aquaculture Center (SRAC). No. 160. 2 pp.

Masser, M.P. 1988. Cage Culture: Site Selection and Water Quality. Southern Regional Aquaculture Center (SRAC). No. 161. 4 pp.

Masser, M.P. 1988. Cage Culture: Cage Construction and Placement. Southern Regional Aquaculture Center (SRAC). No. 162. 4 pp.

Masser, M.P. 1988. Cage Culture: Species Suitable for Cage Culture. Southern Regional Aquaculture Center (SRAC). No. 163. 4 pp.

Masser, M.P. 1988. Cage Culture: Handling and Feeding Caged Fish. Southern Regional Aquaculture Center (SRAC). No. 164. 4 pp.

Masser, M.P. 1988. Cage Culture: Cage Culture Problems. Southern Regional Aquaculture Center (SRAC). No. 165. 3 pp.

Masser, M.P. 1988. Cage Culture: Harvesting and Economics. Southern Regional Aquaculture Center (SRAC). No. 166. 2 pp.

PUBLICATIONS: Extension/Outreach – not peer reviewed

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Woods, P. and **M. Masser**. 2011. Rio Grande Districts Aquatic Vegetation Management Newsletter. Volume 9. 2 pp.

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Masser, M.P. 2009. Message from the President. Texas Aquatic Plant Management Society Newsletter. Volume 22, No 1, 2, 3, & 4. <http://www.tapms.org>

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- Masser, M.P.** 2003. BASS 101 Management of Ponds and Lakes for Better Fishing. TCE. (developed)
- Masser, M.P.** 2002. Invaders Attach the Rio Grande (poster). Texas Cooperative Extension, No. L-5422.
- Masser, M.P.** 2002. Selection and Care of Fish for Garden Ponds. Wildlife Trends. Volume 2 (1). January. pp. 12-15.
- Masser, M.P.** and B. Watson. 2002. SRAC Electronic Publications Collection (CD). November.
- Masser, M.P.** 2001. Selection and Care of Plants in Garden Ponds. Wildlife Trends. December. Volume 1 (12). pp. 12-15.
- Masser, M.P.** 2001. Building Garden Ponds. Wildlife Trends. Nov. Volume 1 (11). pp. 12-15.
- Allan, G., **M. Masser**, J. Tidwell, and J.P. Massiani. 2001. Aquaculture in Corsica - Postcard from the Mediterranean. World Aquaculture. 32:1. pp. 26-31.
- Losordo, T.M., **M.P. Masser**, and J. Rakocy. 2001. Recirculating Aquaculture Tank Systems. World Aquaculture. 32:1. pp. 18-22.
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- Masser, M.P.** 2000. A Brief History of the Channel Catfish Industry. Hatchery Magazine. 1:4. pp. 8-9.
- Masser, M.** 2000. The Status and Future of Inland Aquaculture. World Aquaculture Magazine. 31:3. pp. 34-39.
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- Masser, M.P.** 1999. Spawning of Channel x Blue Hybrid Catfish. Tri-State Aquaculture: Supporting Aquaculture in Alabama, Florida, and Georgia. Vol. 2, No. 1. pp. 2-3.
- Masser, M.** 1997. How Do You Rid Algae in Your Garden Pool. Southern Landscape and Nursery. June. Vol. 6 (4). p. 4.
- Masser, M.** 1996. Managing Ponds for Better Fishing. Alabama's Treasured Forests. 15 (4). pp. 13-15.

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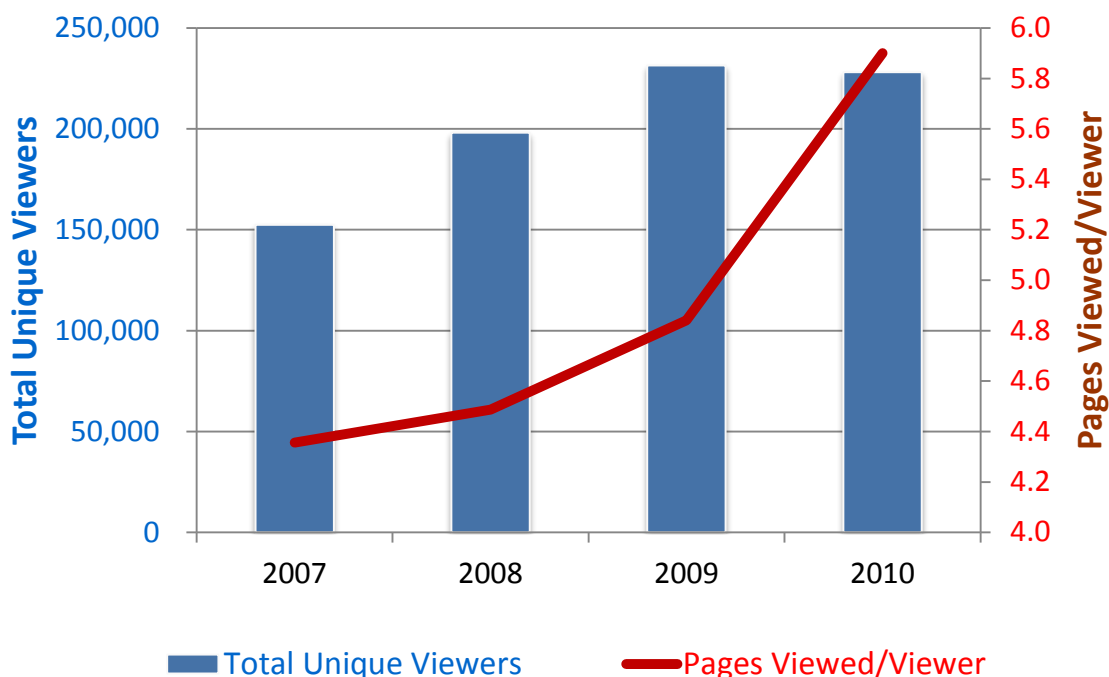
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- Masser, M.P.** 1989. Pond Management: Grass Carp in Pond Weed Control. Kentucky Aquaculture 2 (3) pp. 1-3.
- Masser, M.P.** 1989. Diseases: Feeding of Medicated Feeds. Kentucky Aquaculture 2 (2) pp. 7-8.
- Masser, M.P.** 1989. Pond Management: KY Pond Fish: Natural History. Kentucky Aquaculture 2 (2) pp. 2-3.
- Masser, M.P.** 1989. Aquaculture Production: Off-flavor. Kentucky Aquaculture 2 (1) pp.1-3.
- Masser, M.P.**, and R. Dempsey. 1988. The Kentucky Aquaculture Industry. Kentucky Grocer. 2 (2) pp. 20.
- Masser, M.P.** 1988. Aquaculture Production: Overwintering of Catfish. Kentucky Fish Farming. 1 (6) pp. 1-3.
- Masser, M.P.** 1988. Aquaculture Production: Trout Cage Demonstrations 1987-88. Kentucky Fish Farming. 1 (5) pp. 1-3.
- Masser, M.P.** 1988. Aquaculture Production: Cage Culture. Kentucky Fish Farming. 1 (4):1-3.
- Masser, M.P.** 1988. Pond Management: Hauling Stress. Kentucky Fish Farming. 1 (3) pp. 3-5.
- Masser, M.P.** 1988. Pond Management: Fertilization of Ponds. Kentucky Fish Farming. 1 (2) pp. 2-4.
- Masser, M.P.** 1988. Aquaculture Extension in Kentucky. Kentucky Fish Farming. 1 (1) p.1.
- Masser, M.P.** 1978. Environmental Enthusiasm in San Antonio. The Texas Science Teacher. 7 pp. 24-27.

PUBLICATIONS: Web Sites

Masser, M.P. 2000 (updated 2004, 06, 08, and 10). Aquaplant: A Pond Management Diagnostic Tool. <http://aquaplant.tamu.edu>



PUBLICATIONS: Videos and Video Teleconferences

Masser, M.P. 2011. Water Quality Testing and Management – DVD. Southern Regional Aquaculture Center. SP-390. 85 minutes.

Masser, M.P. 2005. Fish Pond Management. *In* Master Wilder Teleconference. Clemson University. March 1. 90 minutes.

Masser, M.P. 2003. Managing Ponds for Better Fishing. *In* Master Wilder Teleconference. Clemson University. February 25. 90 minutes.

Masser, M.P. and C. Hyde. 1997. Recreational Fish Pond Management - Teleconference. Alabama Cooperative Extension System. April 3. 120 minutes.

Masser, M.P. and J.W. Jensen. 1995. How to Clean Fish. Alabama Cooperative Extension System. 105 minutes.

Masser, M.P. and J.W. Jensen. 1994. Aquaculture Quality Assurance Teleconference. Alabama Cooperative Extension Service. May 24th. 90 minutes.

Masser, M.P. and G.N. Whitis. 1993. Cooking Crawfish. Alabama Cooperative Extension Service. 26 minutes.

Masser, M. 1993. Recreational Fish Pond Management. TAES Video. 24 minutes (adapted from ACES video).

Jensen, J.W., and **M.P. Masser**. 1993. National Aquaculture Teleconference. Alabama Cooperative Extension Service (in conjunction with Purdue University). April 10th. 120 minutes.

Masser, M.P., and J.W. Jensen. 1992. Recreational Fish Pond Management - Teleconference. Alabama Cooperative Extension Service. March 12th. 90 minutes.

Masser, M.P. 1992. Fish Pond Management. Alabama Cooperative Extension Service. 24 minutes, 30 seconds.

Masser, M.P. (content and videotaping supervision). 1991. Alabama Aquaculture. Alabama Power. 4 minutes, 20 seconds.

PUBLICATIONS: Courses and Curricula Developed

Iraq Agricultural Extension Revitalization (IAER) Project. Aquaculture Extension Trainings. June 21-25, 2008 Beirut, Lebanon and October 26-30, 2009. College Station, TX. (Developed curriculum and taught majority of class.)

BASS 101, 102, Management. 2003, 2005, and 2008. Planned, developed, and coordinated with co-chair, Dr. Billy Higginbotham.

Hatch, L.U., M.E. Swisher, A. Todd-Backarie, T. Hanson, **M. Masser**, and T. Popma. 1996. Aquaculture as Sustainable Agriculture. The National Council for Agricultural Education.

Masser, M.P. Man and His Environment, Biol. 405 & 406. 1974. San Antonio College. San Antonio, TX.

Masser, M.P. Environmental Science Curriculum for Secondary Education: San Antonio Independent School District (SAISD). San Antonio, TX (piloted 1973 and revised 1976)

PRESENTATIONS: Scientific

Presentations: International, national, regional, and state. (*key:* ¹ Invited paper, ² Published Abstract, ³ Keynote Address, * other presenter)

Masser, M.P. 2011. Aquaplant: A Web-based Outreach Program for Management of Aquatic Vegetation and User Survey of Its Utilization. Aquaculture America. February 28-March 3. New Orleans, LA ^{1,2}

Masser, M.P. 2011. Southern Regional Aquaculture Center (SRAC) Publications, Videos, and Computer Software Project: Interdisciplinary, Multi-state, and an Internet Source for Aquaculture Information and Education. World Aquaculture Society. June 6-10. Natal, Brazil ^{1,2}

Neisch*, M., **M. Masser**, D. Roelke, J. Grover, and B. Brooks. 2010. Allelopathic Effects of Cyanobacteria on *Prymnesium parvum*. (*Student presentation*). Aquatic Plant Management Society 50th Annual Meeting. July 11-15. Bonita Springs, FL. ¹

Masser, M.P. and S. Kamata. 2010. Clientele Evaluation of the AQUAPLANT Web Site. Aquatic Plant Management Society 50th Annual Meeting. July 11-15. Bonita Springs, FL. ¹

Neisch*, M., **M. Masser**, D. Roelke, B. Brooks, and J. Grover. 2010. Allelopathic Effects of Cyanobacteria on *Prymnesium parvum*. (*Student presentation*). Texas Aquatic Plant Management Society 21st Annual Meeting. October 25-27. Bandera, TX. ¹

Masser, M.P. and S. Kamata. 2010. Clientele Evaluation and Utilization of the AQUAPLANT Web Site. Texas Aquatic Plant Management Society 21st Annual Meeting, October 25-27, Bandera, TX ¹

Masser, M. 2010. Alligators: Not Just Another Pretty Face. Aquaculture 2010. World Aquaculture Society. March 1-5. San Diego, CA ¹

Masser, M.P. and S. Kamata. 2009. Clientele Evaluation of the AQUAPLANT a Web-based Tool for Aquatic Plant Management. World Aquaculture 2009. World Aquaculture Society. September 25-29. Veracruz, Mexico. ^{1,2}

Masser, M.P. and T. Knight. 2009. Impacts of aquatic vegetation management on the ecology of small impoundments. TX Chapter of the American Fisheries Society. January 27-31. Fort Worth, TX ²

Masser, M.P. and S. Kamata. 2009. Clientele Evaluation of the AQUAPLANT a Web-based Tool for Aquatic Plant Management. Aquaculture America 2009. U.S. Aquaculture Society. February 15-18. Seattle, WA.

Masser, M.P. and S. Kamata. 2009. Clientele Evaluation of the AQUAPLANT a Web-based Tool for Aquatic Plant Management. Texas Aquatic Plant Management Society. November 2-4. Bandera, TX.

Masser, M.P. 2008. Development of the In-Pond Raceway System for Sustainable Culture/Polyculture. World Aquaculture 2008. May 18-23. Busan, Korea. ^{1,2}

Masser, M.P. and T. Knight. 2008. Impacts of aquatic vegetation management on the ecology of small impoundments. Aquatic Plant Management Society. July 13-16. Charleston, SC. ²

Masser, M.P. and T. Knight. 2008. Impacts of aquatic vegetation management on the ecology of small impoundments. Texas Aquatic Plant Management Society. September 8-10. Bandera, TX. ²

Masser, M.P. 2007. Southern Regional Aquaculture Center (SRAC) Publications, Videos, and Computer Software Project: Interdisciplinary, Multistate, and an Internet Source for Aquaculture Information and Education. Caribbean and Latin American Aquaculture. Latin American and Caribbean Chapter of WAS. November 6-9. San Juan, PR. ²

Knight*, T.J. and **M.P. Masser**. 2007. Impacts of Aquatic Vegetation Management on the Ecology of Small Impoundments: Preliminary results. (*Student presentation*). Texas Aquatic Plant Management Society. September 17-19. Burnet, TX ²

Knight*, T.J. and **M.P. Masser**. 2007. Impacts of Aquatic Vegetation Management on the Ecology of Small Impoundments. (*Student presentation*). Aquatic Plant Management Society. July 15-18. Nashville, TN ²

Masser, M.P. and A. Schonrock. 2007. An Internet Survey of Private Pond Owners and Managers in Texas. Aquaculture 2007. World Aquaculture Society. Feb 26 – Mar 2. San Antonio, TX ²

Masser, M.P. and C. Lim*. 2007. History and Status of the U.S. Catfish Industry. Asian-Pacific Aquaculture 2007. August 5-8. Hanoi, Vietnam ¹

Masser, M.P. and A. Schonrock. 2007. An Internet Survey of Private Pond Owners and Managers in Texas. Aquaculture 2007. February 26 – March 2. San Antonio, TX ^{1,2}

Masser, M.P. 2006. Present Status of World Aquaculture. International Symposium on Fisheries Challenges Under Global Competition Regime. Busan International Seafood Exposition. November 15-18. Busan, Korea ^{1,2}

C. Bridger* and **M.P. Masser**. 2006. A Review of Cage Culture in North America: An Overview of Status and Prospects. 2nd International Symposium on Cage Aquaculture in Asia. July 3-8. Hangzhou, People's Republic of China ^{1,2,3}

Masser, M.P. and Y. Olsen. 2006. Environmental Impacts of Aquaculture. Conference of Excellence. May 22-26. Fuerteventura, Canary Islands ¹

Masser, M.P. and Y. Olsen. 2006. Environmental Impacts of Aquaculture: Example of Nutrient Loading from Cage Fish Farming and Its Impacts on Pelagic Ecosystems. Conference of Aquaculture. May 24. Gran Canaria, Canary Islands ¹

Masser, M.P. and J. Dettling. 2006. Aquaculturist Certification Program in Texas. Aquaculture America 2006. U.S. Aquaculture Society. February 13-16. Las Vegas, NV ^{1,2}

Masser, M.P. and A. Schonrock. 2006. An Internet Survey of Private Pond Owners and Managers in Texas. 14th Southern Division of the American Fisheries Society. February 8-12. San Antonio, TX ²

Masser, M.P. 2005. Intensive Culture of Channel Catfish (*Ictalurus punctatus*) and Tilapia (*Oreochromis niloticus*) in Cages and Raceways In-pond Raceways. V Seminario Internacional de Acuicultura. November 21-25. Bogata, Columbia ^{1,2}

Schonrock, A.* and **M. Masser**. 2005. An Internet Survey of Private Pond Owners and Managers in Texas (*Student presentation*). 45th Annual Meeting of the Aquatic Plant Management Society, Inc. July 10-13. San Antonio, TX ²

Masser, M.P. 2005. Southern Regional Aquaculture Center (SRAC) Publications Project: Interdisciplinary, Multi-state, and an Internet Source for Aquaculture Information. World Aquaculture 2005. World Aquaculture Society. Bali, Indonesia. May 9-13. ²

Masser, M.P. 2005. Tilapia Transport: Is Water Truly Necessary. Aquaculture America 2005. U.S. Aquaculture Society. January 17-20. New Orleans, LA ^{1,2}

Masser, M.P. 2004. Role of Extension in the Development of the Channel Catfish and Other Aquacultural Industries in the USA. Australian Aquaculture Conference and SE Asia Chapter of WAS. September 27 -30. Sydney, Australia ^{1,2}

Woods, P.* and **M. Masser**. 2004. Aquatic Herbicides' Role in Fish Kills and Why Fish Really Die! Texas Aquatic Plant Management Society. Kerrville, TX. September 13-15. ¹

Masser, M.P. and P. Woods. 2004. Low-input Cage Culture of Freshwater Finfish in the Southern U.S. Aquaculture 2004. World Aquaculture Society. May 1-5. Honolulu, HI ^{1,2}

Masser, M.P. 2003. Development of the In-pond Raceway System for Sustainable Culture/Polyculture. World Aquaculture Society. May 19-23. Salvador, Brazil. ²

Masser, M.P. 2003. High-density In-Pond Raceway System for Finfish Culture and Polyculture. Asian-Pacific Aquaculture 2003. September 22-25. Bangkok, Thailand ^{1,2}

Masser, M.P., G.L. Jensen, K.J. Greenlees, and W.R. Jones. 2003. Evolution of Programs and Current Issues Associated with the Safety, Quality, and Labeling of Farm-raised Aquatic Foods in the United States. Asian-Pacific Aquaculture 2003. September 22-25. Bangkok, Thailand ^{1,2}

Masser, M.P. 2002. Comparison of Tilapia and Catfish Production in Cages and In-pond Raceways. Aquaculture America 2002. January 27-31. San Diego, CA ^{1,2}

Masser, M.P. 2002. Invasive Aquatic Plants. Aquaculture America 2002. January 27-31. San Diego, CA ¹

- Masser, M.P.** 2002. Status of Intensive Culture of Channel Catfish (*Ictalurus punctatus*) in Cages and Raceways in the United States. World Aquaculture Society. April 21-26. Beijing, China ²
- Masser, M.P.** 2001. Alligators: The IZOD and the Pitbull of Aquaculture. 131st Annual Meeting of the American Fisheries Society. August 19-23. Phoenix, AZ ^{1,2}
- Masser, M.P.** 2001. Aquaplant: Management of Aquatic Vegetation. Aquatic Plant Management Society. July 15-19. Minneapolis, MN. ²
- Masser, M.P.** 2001. Alligator Culture. Aquaculture 2001. World Aquaculture Society. January 21-26. Orlando, FL ^{1,2}
- Masser, M.P.** 2001. AQUAPLANT: A Web-based Outreach Program for Management of Aquatic Vegetation. Aquaculture 2001. World Aquaculture Society. January 21-26. Orlando, FL ^{1,2}
- Masser, M.P.** 2000. Culture of Crocodylians. Fourth Latin American Aquaculture Congress and Exhibition. October 25-28. Panama City, Panama ^{1,2}
- Masser, M.P.** 2000. Aquaplant. Texas Aquatic Plant Management Society. September 25- 27. Denton, TX ²
- Masser, M.P.** 1999. The Status and Future of Inland Aquaculture, Taller sobre Desarrollo de la Piscicultura en la Amazonia (Workshop on the Development of Fish Culture in the Amazon), IIAP (*Instituto de Investigaciones de la Amazonia Peruana*), Iquitos, Peru, December 2 –3. [sponsored by CTAR Loreto, FONTAGRO, IIAP, IICA/PROCITROPICOS, Proyecto IICA/GTZ]. ^{1, 2, 3}
- Masser, M.P.** 1999. History and Overview of the Catfish Industry in the U.S. World Aquaculture '99. April 26 - May 2. Sydney, Australia ^{1, 2}
- Masser, M.P.** 1999. Potential Growth of Silver Perch Aquaculture: Perspectives from the U.S. Catfish Industry. World Aquaculture '99. April 26 - May 2. Sydney, Australia ^{1, 2}
- Nelson, R.G., S.A. Duarte, and **M.P. Masser.** 1999. Financial Risk Analysis of Three Aeration Regimes in Catfish Cage Culture. World Aquaculture '99. April 26 - May 2. Sydney, Australia ²
- Masser, M.P.,** M.B. Wilcox, K.H. Yoo, and S. Sonnenholzner. 1999. The In-pond Raceway at Auburn University: A Historical Perspective. Aquaculture America. January 27-30. Tampa, FL ^{1, 2}
- Wilcox, M., **M. Masser,** and K. Yoo. 1998. The In-pond Raceway System - an Integrated Species Approach. Alabama Fisheries Association, February 11-13. Gulf Shores, AL ²

- Masser, M.P.** and G. Tang. 1997. Comparison of Three Different Feeding Methods to Improve Catfish Growth in Cages. *Aquaculture '97*. February 19-23. Seattle, WA ¹
- Sonnenholzner, S.* , K.H. Yoo, **M.P. Masser**, and J. Martin. 1997. Constructed Wetlands to Improve the Effluent Quality from Catfish Culture Using the In-pond Raceway (IPR). Southern Association of Agricultural Scientists (SAAS), February 1-5. Birmingham, AL ¹
- Masser, M.P.**, R. Bernardez and K. Yoo. 1996. Economic Feasibility of In-pond Raceways and Evaluation of a New Waste Removal System. US Chapter of World Aquaculture Society. February 14-16. Arlington, TX ¹
- Masser M.** 1995. Polyculture of Channel Catfish (*Ictalurus punctatus*) and Nile Tilapia (*Tilapia nilotica*) in Cages. *Aquaculture '95*. Feb 1-4. San Diego, CA ¹
- Woods P.* and **M. Masser**. 1994. Comparison of Commercial Strains of Channel Catfish for Survival, Growth, and Feed Conversion in Cages. World Aquaculture Society. January 27-30. New Orleans, LA ¹
- Woods P.* , **M. Masser**, and S. Duarte. 1993. Comparison of Four Commercial Strains of Channel Catfish for Survival, Growth, and Feed Conversion in Cages. U.S.A. Chapter of World Aquaculture Society. January 24-27. Hilton Head, SC ²
- Masser, M.**, B. Hawcroft*, and K. Yoo. 1993. Development and Evaluation of an In-pond Raceway and Waste Removal System. U.S.A. Chapter of World Aquaculture Society. January 24-27. Hilton Head, SC ¹
- Masser, M.** 1993. A Survey of Cage Culture in the U.S. U.S.A. Chapter of World Aquaculture Society. January 24-27. Hilton Head, SC ¹
- Duarte, S.A.* , **M.P. Masser**, and J.A. Plumb. 1992. Seasonal Occurrence of Diseases in Cage-reared Catfish, 1987-1991. Eastern Fish Health and American Fisheries Society-Fish Health Section Workshop. June. Auburn, AL ¹
- Masser, M.**, Dunham, R., C. Hyde, J. Plumb, R. Smitherman, R. Perez, A. Ramboux, and M. Rezk. 1992. Comparison of Culture Traits of Channel Catfish, *Ictalurus punctatus*, and Blue Catfish, *I. furcatus*. World Aquaculture Society. May. Orlando, FL ²
- Masser, M.P.** and S.A. Duarte. 1992. Overwinter Feeding of Channel Catfish in Cages. World Aquaculture Society. May. Orlando, FL ²
- Masser, M.P.**, W.E. Grant, E.H. Robinson, and W.H. Neill. 1991. A Simulation Model of the Interaction of Dietary Protein/Energy Ratio and Temperature on Growth of Channel Catfish (*Ictalurus punctatus*). World Aquaculture Society. June. Halifax, Nova Scotia, Canada ²

Masser, M.P., E.H. Robinson, and W.H. Neill. 1986. Growth Responses of Channel Catfish to the Interaction of Temperature and Protein/Energy Diets. World Mariculture Society. January. Reno, NV ²

Masser, M.P., E.H. Robinson, and W.H. Neill. 1986. Effect of Temperature and Dietary Energy/Protein Ratio on Growth of Channel Catfish (*Ictalurus punctatus*). Annual Technical Session of the TAMU AFS. April. College Station, TX

Masser, M.P. and W.H. Neill. 1985. Routes of Heat Transfer in Two Teleosts, *Ictalurus punctatus* and *Lepomis macrochirus*. 115th Annual Meeting of the American Fisheries Society. September. Sun Valley, ID ²

Masser, M.P. and W.E. Grant. 1985. Simulation of Effects of Ammonia on Fish Growth. Annual Technical Session of the TAMU AFS. April, College Station, TX

Masser, M.P. and W.E. Grant. 1984. A Mechanistic Model of Ammonia Toxicity in Channel Catfish. 35th Annual American Institute of Biological Science. August, Fort Collins, CO ²

Masser, M.P. and W.E. Grant. 1984. Temporal Activity Patterns of Four Sympatric Small Mammals in the Post oak Savanna Association of East-central Texas. 14th Annual Southwestern Association of Naturalists. April. Texas Tech Center, Junction, TX

Masser, M.P. and W.H. Neill. 1983. Heat Transfer in Channel Catfish and Bluegill. TAMU Chapter of the AFS Annual Technical Session. April. College Station, TX

PRESENTATIONS: Selected Extension (*key*: ¹ Invited speaker, ² Published Abstract, ³Keynote Address, * other presenter)

Masser, M.P. 2011. Aquatic Health: Aquatic Weed Management. eXtension Virtual Aquaculture Workshop. <http://www.extension.org/pages/61577/extension-virtual-aquaculture-workshop-proceedings> November 11. University of Arkansas at Pine Bluff ¹

Masser, M.P. 2011. Private Pond Management. Ranch Management University. October 13. College Station, TX ¹

Masser, M.P. 2011. Water Quality in Ponds. Landowners Workshop. TX Forest Service. July 8. Lincoln, TX ¹

Masser, M.P. 2011. Aquatic Weed Management. Producers Cooperative. April 23. Bryan, TX ¹

Masser, M.P. 2010. Lyngbya Management. Aquatic Vegetation Management Conference. Texas Freshwater Fisheries Center. June 18. Athens, TX ¹

Masser, M.P. 2010. Pond Management. Ranch Management University. October 14. College Station, TX ¹

- Masser, M.P.** 2010. Aquatic Weed Management. Producers Cooperative. April 24. Bryan, TX ¹
- Masser, M.P.** 2009. Water Quality and Aquatic Vegetation Management. Pond Management Workshop. May 2. Sam Houston State University ¹
- Masser, M.P.** 2009. Aquatic Weed Management. Producers Cooperative. March 28. Bryan, TX ¹
- Masser, M.P.** 2009. Intensive Aquaculture Systems. Texas Aquaculture Association. January 21-23. Bay City, TX ¹
- Masser, M.P.** and J. Petta. 2008. Aquatic Plant Management in a Changing World. Texas Aquatic Plant Management Society. September 8-10. Bandera, TX ²
- Masser, M.P.** 2008. Basic Pond Ecology. The Largemouth Bass: Better Fishing through Private Waters Management. March 27-28. Athens, TX ²
- Masser, M.P.** 2008. Fish Diseases. The Largemouth Bass: Better Fishing through Private Waters Management. March 27-28. Athens, TX ²
- Masser, M.P.** 2008. Aquatic Weed Control. The Largemouth Bass: Better Fishing through Private Waters Management. March 27-28. Athens, TX ²
- Masser, M.P.** 2008. Status of the Department Wildlife and Fisheries Sciences at TAMU. Texas Outdoor Writers Association. February 27-29. College Station. TX ¹
- Masser, M.P.** 2008. Status of World Aquaculture. Texas Aquaculture Association. January 16-18. El Campo. TX ¹
- Masser, M.P.** 2007. Status of World Aquaculture and Opportunities for Kentucky. KY Aquaculture Association. October 19. Frankfort, KY ¹
- Masser, M.P.** 2007. Aquatic Vegetation Identification and Integrated Control. Pond Boss Convention. March 23-24. Fort Worth, TX ¹
- Masser, M.P.** 2007. Southern Regional Aquaculture Center (SRAC): Historical Prospectives and Issues in Extension. 4th National Aquaculture Extension Conference. April 30 – May 3. Cincinnati, OH ^{1,2}
- Masser, M.P.** 2007. Aquatic Weeds: Training Opportunities and Resources. 4th National Aquaculture Extension Conference. April 30 – May 3. Cincinnati, OH ^{1,2}
- Masser, M.P.** 2007. Basics of Pond Ecology and Aquatic Plant Management. Beef Cattle Short Course. August 6-8. College Station, TX ¹

- Masser, M.P.** 2006. A Web-based Outreach Tool for Aquatic Vegetation Management. Eleventh National Extension Wildlife and Fisheries Conference. October 15-18. Big Sky, MT ^{1,2}
- Masser, M.P.** and A. Schonrock. 2006. An Internet Survey of Private Pond Owners and Managers in Texas. Eleventh National Extension Wildlife and Fisheries Conference. October 15-18. Big Sky, MT ^{1,2}
- Masser, M.P.** 2006. Aquatic Weed Control. 27th Annual Surface Mine Reclamation Workshop. October 5-6. College Station, TX ¹
- Masser, M.P.** 2006. Pond Ecology and Management. 52nd Beef Cattle Short Course. August 7-9. College Station, TX ¹
- Masser, M.P.** 2006. Role of Extension in the Development of the Channel Catfish and Other Aquaculture Industries in the USA. Conference of Excellence. May 22-26. Fuerteventura, Canary Islands. ^{1,2}
- Masser, M.** 2005. Culture vs Capture Fisheries. Clemson University – Student Chapter of the American Fisheries Society. February 28. Clemson, SC.
- Masser, M.P.** 2005. Basics of Pond/Aquatic Ecology. BASS 102: Managing Private Impoundments of Better Fishing. March 19. Conroe, TX.
- Masser, M.P.** 2005. Stocking Options for Successful Private Impoundments. BASS 102: Managing Private Impoundments of Better Fishing. March 19. Conroe, TX
- Masser, M.P.** 2005. Aquatic Vegetation Management. BASS 102: Managing Private Impoundments of Better Fishing. March 19. Conroe, TX
- Masser, M.P.** 2005. Fish Pond Management. Master Wilder Teleconference. March 1. Clemson University, SC ¹
- Masser, M.P.** 2005. Water Gardens – Observations of a Fisheries Biologist. Fort Worth Pond and Koi Society. November 10. Ft. Worth, TX ¹
- Masser, M.P.** 2005. Water Gardens – Observations of a Fisheries Biologist. Greater Dallas Pond Society. August 9. Dallas, TX ¹
- Masser, M.P.** 2005. Hydroponics: Integration with Aquaculture. Texas Aquaculture Association Conference. Feb 8-11. Corpus Christi, TX ¹
- Masser, M.P.** 2004. Water Quality, Water Conservation, and Aquatic Plants. Texas Association of Pond Societies. August 6-7. Sun City, TX ¹
- Masser, M.P.** 2004. Pond Management A-Z. Absentee Landowners Conference. October, 13. Austin, TX and October, 6. Houston, TX

- Masser, M.** and R. Yant. 2004. Broodstock Spawning and Hatchery Management of Channel Catfish. Texas Aquaculture Association. January 20-23. El Campo, TX
- Masser, M.P.** 2003. Overview of Freshwater Aquaculture in Texas. Texas Aquaculture Association. January 21-24. Bay City, TX
- Masser, M.P.** 2003. Challenges to Producing Fish Outside of Traditional Fish Farming Areas (or How to grow fish outside MS, AL, LA, AR, ID, ETC.) Aquaculture America 2003. February 18-21. Louisville, KY^{1,2}
- Masser, M.P.** 2003. Developing Web-Based Outreach for County Agents and the Public on Aquatic Vegetation Management. National Aquaculture Extension Conference. April 7 -11. Tucson, AZ
- Masser, M.P.** 2003. Managing Wetlands and Aquatic Resources – Managing Ponds for Better Fishing. Master Wildlife Satellite Course. Clemson University. February 25. Clemson, SC¹
- Masser, M.P.** 2003. Basic Pond Ecology. BASS 101. March 28, 29. San Marcos, TX
- Masser, M.P.** 2003. Identification and Chemical Control Options in Aquatic Vegetation Management. BASS 101. March 28, 29. San Marcos, TX
- Masser, M.P.** 2003. Aquatic Vegetation Identification and Control. Texas Mining and Reclamation Conference. October 1-2. College Station, TX¹
- Masser, M.P.** 2002. Status of Texas and U.S. Aquaculture. Aquaculture Certification Workshop. Texas State Marine Education Center. June 17-21. Palacios, TX.¹
- Masser, M.P.** 2003. Overview of Aquaculture and Associated Risks. National USDA Risk Management Agency Conference. October 6-9. San Diego, CA¹
- Masser, M.P.** 2003. Managing Aquatic Vegetation. Texas Agriculture and Industries Conference. October 13-14. Salado, TX¹
- Masser, M.P.** 2002. Hybrid Catfish. Texas Aquaculture Association. February 12-14. Bay City, TX
- Masser, M.P.** 2002. Aquaponics. Christina University. April 3. San Andreas, Columbia, TX
- Masser, M.P.** 2001. Status of Texas and U.S. Aquaculture. Aquaculture Certification Workshop. Texas State Marine Education Center. June 18-22. Palacios, TX¹
- Ketchersid, M.L. and **M.P. Masser.** 2001. Laws and Regulations Affecting the Control of Weed in Water. Texas Aquatic Plant Management Society. September 17-19. Victoria, TX²

- Masser, M.P.** 2001. Update on Aquatic Weed Control Recommendations. Southern Aquatics Industry Leadership (S.A.I.L.) Meeting. February 6-8. West Columbia, TX ¹
- Masser, M.P.** 2001. Overview of Freshwater Aquaculture in Texas. 31st Annual Conference of the Texas Aquaculture Association. February 20-23. South Padre Island, TX ¹
- Masser, M.P.** 2000. Aquaculture 101. Kentucky Aquaculture Association Annual Conference. March 10. Frankfort, KY ¹
- Masser, M.P.** 2000. Cages and In-Pond Raceways. Kentucky Aquaculture Association Annual Conference. March 10. Frankfort, KY ¹
- Masser, M.P.** 2000. Intensive Culture of Catfish in Cages and Raceways. Texas Aquaculture Association Conference. February 15-18. El Campo, TX
- Masser, M.P.** 2000. Aquatic Ecology Training. Master Naturalist Conference. October 28-29. Marble Falls, TX
- Masser, M.P.** 2000. Status of U.S. Aquaculture. Aquaculture Certification Workshop. Texas State Marine Education Center. June 19-23. Palacios, TX ¹
- Masser, M.P.** 2000. Aquaculture 101. Kentucky Fish Farming Conference. March 9-10. Frankfort, KY ¹
- Masser, M.P.** 2000. Cages and Raceway Culture of Warmwater Fish. Kentucky Fish Farming Conference. March 9 - 10. Frankfort, KY ¹
- Masser, M.P.** 2000. Intensive Culture of Catfish in Cages and Raceways. 30th Annual Conference of the Texas Aquaculture Association. February 15-17. El Campo, TX
- Masser, M.P.** 2000. Update on Aquatic Weed Control Recommendations. Southern Aquatics Industry Leadership (S.A.I.L.) Meeting. February 8-10. West Columbia, TX. ¹
- Masser, M.P.** 2000. The Future of Catfish Aquaculture. North Carolina Aquaculture Conference. January 13-15. Newbern, NC ¹
- Masser, M.P.** 1999. Management and Control of Aquatic Vegetation. Twentieth Surface Mine Reclamation Workshop. October 7-8. College Station, TX ¹
- Masser, M.P.** 1999. Management Implications of Water Gardens. Ninth National Extension Wildlife, Fisheries, and Aquaculture Conference. September 30 - October 2. Portland, ME ¹
- Masser, M.P.** 1999. Cages and In-pond Raceways as Sustainable Aquaculture in Watershed Ponds. Proceedings of the Ninth National Extension Wildlife, Fisheries, and Aquaculture Conference. Portland, Maine, September 30 - October 2. ^{1,2}

Crews, J.R. and **M.P. Masser**, 1999. U.S. Aquaculture Outlook. The Annual Southern Regional Agriculture Outlook Conference. September 27-28. Atlanta, GA

Masser, M.P. 1999. Developing Producer Driven Quality Assurance Programs: the U.S. Catfish Model. V Central American Symposium on Aquaculture: Aquaculture and Environment Together Towards the New Millennium. August 18-20. San Pedro Sula, Honduras ^{1,2}

Masser, M.P. 1999. The Status of U.S. Aquaculture. Texas Aquaculture Certification Workshop. Texas State Marine Education Center. June 14. Palacios, TX ^{3,1}

Masser, M.P. 1999. Fee-fishing Opportunities in Texas. Making Money with Wildlife. May 20, 1999. Goliad, TX ¹

Masser, M.P. 1999. Perspectives on Aquatic Plant Management. Southern Aquatic Industry Leadership (S.A.I.L.) Meeting. February 16-17. College Station, TX ¹

Masser, M.P. 1999. Alternative Agriculture: Catfish Production. Annual Conference of the Texas Aquaculture Association. February 11-13. El Campo, TX

Masser, M.P. 1999. Extension in the Channel Catfish Industry in the USA. World Aquaculture '99. April 26 - May 2. Sydney, Australia ^{3,2}

Masser, M.P. 1999. An Overview of Extension Fisheries Activities in the Southern United States. Aquaculture America. April 26 - May 2. Tampa, FL ¹

Cline, D.* and **M. Masser**. 1998. Caged Fish Production in Alabama: Providing an Alternative Enterprise and Supplemental Income for Land Owners with Existing Ponds. Aquaculture '98. February 15-20. Las Vegas, NV ²

Masser, M.P. 1998. An Overview of Cage and Raceway Culture. Aquaculture '98. National Aquaculture Association Session. February 15-20. Las Vegas, NV ^{1,2}

Masser, M.P. 1998. Status of Aquaculture and Auburn Extension Efforts in Northern Territory, South Africa. January 2. Department of Fisheries and Allied Aquacultures Seminar. Auburn, AL

Masser, M. 1997. History, Status, and Future of the Catfish Industry of the U.S. T.A.F.E. National Aquaculture Conference. Dec 6-7. Grafton, NSW, Australia ³

Masser, M. 1997. Quality Assurance in the Catfish Industry of the U.S. T.A.F.E. National Aquaculture Conference. December 6-7. Grafton, NSW, Australia ¹

Masser, M. 1997. Water Quality Management in Aquaculture Ponds. T.A.F.E. National Aquaculture Conference. December 6-7. Grafton, NSW, Australia ¹

- Masser, M.** 1997. Extension Methods in Aquaculture Development in the U.S. T.A.F.E. National Aquaculture Extension Workshop. December 6-7. Grafton, NSW, Australia ^{3,1}
- Masser, M.** 1997. Successful Strategies of the Catfish Industry of the U.S. International Forum on Successful Aquaculture of Vera Cruz '97. November 20-22. Vera Cruz, Mexico^{3,1}
- Brunson, M.W. and **M.P. Masser***. 1997. Handling Requests for Aquaculture Information and Assistance: Meeting Needs and Keeping Your Sanity. National Aquaculture Extension Conference. April 8-12. Annapolis, MD ²
- Masser, M.P.** 1997. History and Methodology of U.S. Extension Service. Aquaculture Workshop. University of the North. May 3-5. Petersburg, Northern Province, South Africa ^{3,1}
- Masser, M.P.** 1997. Practical Aspects of Water Quality Management. Aquaculture Workshop. University of the North. May 3-5. Petersburg, Northern Province, South Africa ¹
- Masser, M.P.** 1997. Marketing of Aquaculture Products. Aquaculture Workshop. University of the North. May 3-5. Petersburg, Northern Province, South Africa ¹
- Masser, M.P.** 1997. Tilapia Culture Technologies. Aquaculture Workshop. University of the North. May 3-5. Petersburg, Northern Province, South Africa ¹
- Masser, M.P.** 1996. Management of Fee-fishing Enterprises. Triennial National Wildlife and Fisheries Specialist Meeting. June 26-29. Bellingham, WA ²
- Masser, M.P.** and W.A. Wurts. 1996. Managing Ponds for Trophy Bass Fishing. Triennial National Wildlife and Fisheries Specialist Meeting. June 26-29. Bellingham, WA ²
- Masser, M.,** C. Hyde*, R. Bernardez, and K. Yoo. 1996. In-pond Raceways and Environmentally Friendly, Alternative Fish Culture System. February 14-16. Alabama Fisheries Association. Guntersville, AL ¹
- Masser M.** and J. Jensen. 1995. Distance Education through Satellite Videoconferencing. Aquaculture '95. February 1-4. San Diego, CA ²
- Masser M.** 1995. Catfish Farmers of America - Quality Assurance Program: An Update. Aquaculture '95. February 1-4. San Diego, CA
- Masser, M.** 1995. Successful Fee-fishing Strategies. U.S. Trout Farmers Association. September 27-30. Twin Falls, ID ¹
- Masser, M.** 1994. Quality Assurance in Catfish Production. Alabama Fish Farming Conference. February. Montgomery, AL

Masser, M. 1994. Cage Culture Production and Recirculating Systems. Alabama Fish Farming Conference. February. Montgomery, AL

Masser, M. 1994. CFA's Quality Assurance Program. Delta Research and Extension Center - Mississippi State University. April 4. Stoneville, MS

Masser, M. 1993. Economics Considerations in Aquaculture. January. S.C. State College. Orangeburg, SC ¹

Masser, M. 1993. Increasing Profitability in Aquaculture. North Carolina Aquaculture Development Conference. February 23. New Bern, NC ¹

Masser, M. 1993. CFA's Catfish Quality Assurance Program. Triennial Meeting of Extension Wildlife and Fisheries Specialists. March. Kansas City, KS ¹

Masser, M. 1993. Cage Culture in Alabama. Mid-Atlantic Aquaculture Conference. June. Dover, DE ¹

Masser, M. and K. Yoo. 1992. Summary of Prototype Floating Raceway Culture System for Channel Catfish - 1991. The National Extension Aquaculture Workshop. March. Ferndale, AR

Masser, M. and D. Candussi. 1992. Teleconferencing: The Auburn Experience. The National Extension Aquaculture Workshop. March. Ferndale, AR

Masser, M.P. 1992. Management of Fish Production in Recirculating Systems. Recirculating Aquaculture Systems Shortcourse. Sponsored by Mississippi State University. February. Greenwood, MS ¹

Masser, M.P. 1992. Disease Management. Recirculating Aquaculture Systems Shortcourse. Sponsored by Mississippi State University. February. Greenwood, MS ¹

Masser, M.P. 1992. Cage and Raceway Culture of Channel Catfish. Alabama Fisheries Association: Aquaculture Session. February. Joe Wheeler State Park, AL

Masser, M.P. 1992. Cage Production Research Results. Alabama Fish Farming Conference. February. Montgomery, AL

Masser, M.P. 1991. Water Quality in Aquaculture Ponds. Western Kentucky Fish Farming Conference. March. Princeton, KY

Masser, M.P. 1991. Raceway Culture of Catfish. Alabama Fish Farming Conference. February. Montgomery, AL

Masser, M.P. 1991. Alligator Production. Texas Fish Farming Conference. January. Houston, TX ¹

- Masser, M.P.** 1991. Problems and Disease Management in Recirculating Systems. Texas Fish Farming Conference. January. Houston, TX ¹
- Masser, M.P.** 1990. Feeding and Nutrition. Alabama Fish Farming Conference. February. Montgomery, AL
- Masser, M.P.** 1990. Management Problems in Recirculating Systems. Fish Farming Expo. December. New Orleans, LA.
- Masser, M.P.** 1990. Aquaculture in the Southeast. American Fisheries Society: Southern Division - Small Impoundments Committee. October. Richmond, VA ¹
- Masser, M.P.** 1990. Disease Management in Closed Systems. North Carolina State Aquaculture Conference. October. Raleigh, NC ¹
- Masser, M.P.** 1990. Production of Catfish and Hybrid Striped Bass in Raceways. North Carolina State Aquaculture Conference. October. Raleigh, NC ¹
- Masser, M.P.** and R. Rody. 1990. Demonstration of Fish Pump for Harvesting Channel Catfish. University of Florida: Fish Farming Field Day. August, Blountstown, FL
- Masser, M.P.** 1990. Research and Extension Highlights: 1990. Southern Regional Information Exchange Group (SRIEG-41). May. Petersburg, VA
- Masser, M.P.** 1990. Diseases in Closed Systems. North Carolina State University Recirculating Systems Workshop. May. Raleigh, NC
- Masser, M.P.** 1989. Seine Harvesting of Catfish. Southern Regional Aquaculture Workshop. October. Cuhatta, GA
- Masser, M.P.** 1989. Management of Fee-Fishing Ponds. Triennial Extension Specialist Technical Session. Southeastern Association of Game and Fish Commissioners. October. St. Louis, MO
- Masser, M.P.** 1989. Aquaculture in the U.S.: A Growing Industry. 93rd Annual Conference of the Association of Food and Drug Officials. June. Louisville, KY ¹
- Masser, M.P.** 1989. Cage Culture. Virginia Aquaculture Conference. April. Newport, VA ¹
- Masser, M. P.** 1989. Management of Pools, Ponds, and Fountains. Central Kentucky Ornamentals and Turf Conference. January. Midway, KY ¹
- Masser, M.P.** 1988. Recirculating System in Fish Culture. Kentucky Fish Farming Conference. December. Frankfort, KY

Masser, M.P. 1988. Management of Pay Lakes: A Panel Discussion. Kentucky Fish Farming Conference. December. Frankfort, KY

Masser, M.P. 1988. Cage Culture: the Good, the Bad, and the Ugly. North Carolina Aquaculture Conference. October. Greenville, NC ¹

Masser, M.P. 1988. Aquatic Weed Control. Indiana Horticulture Conference. April. Evansville, IN ¹

Masser, M.P. 1987. Cage Culture Considerations. Kentucky Fish Farming Conference. December. Frankfort, KY

PUBLICATIONS: Posters

Neisch M.*, **M. Masser**, D. Roelke, James Grover, and B. Brooks. 2010. Allelopathetic of Cyanobacteria on *Pyrnnesium parvum*. (Student Poster) Aquatic Plant Management Society, July 12-14. Bonita Springs, FL {Runner-up Best Student Poster}

Masser, M.P. and S. Kamata. 2009. Clientele Evaluation of the AQUAPLANT a Web-based Tool for Aquatic Plant Management. Texas Aquatic Plant Management Society. November 2-4. Bandera, TX

Masser, M.P. and S. Kamata. 2009. Clientele Evaluation of the AQUAPLANT a Web-based Tool for Aquatic Plant Management. Aquaculture America 2009. U.S. Aquaculture Society. February 15-18. Seattle, WA

Masser, M.P. 2008. AQUAPLANT: A Web-based Tool for Aquatic Plant Management. Texas Aquatic Plant Management Society. September 8-10. Bandera, TX

Cline, D. and **M. Masser**. 1997. Caged Fish Production in Alabama: Providing an Alternative Enterprise and Supplemental Income for Land Owners with Existing Ponds. Aquaculture '97. February 19-23. Seattle, WA ¹

OFFICES, EDITORSHIPS, REVIEW PANELS, COMMITTEES:

OFFICES: Professional Societies

World Aquaculture Society

President – 2006-2007, President-elect - 2005-2006.

Director – 2002-2005 – Chair of Student Activities.

Board of Directors (USAS) 2000-2001.

Steering Committee AQUACULTURE 2010 – San Diego, CA and 2013 in Nashville, TN

Program Committee for the AQUACULTURE '95 in San Diego, CA.

Special Sessions (developed and moderated) - 1992, 1995, 1997, 1998, 2008, 2009, and 2010.

Judge of Student Papers, World Aquaculture Society and/or USA Chapter of WAS: San

Diego, CA, 1996; Seattle, WA, 1998; Tampa, FL 1999; New Orleans, LA, 2000, Beijing, China 2002, Salvador, Brazil 2003, Hawaii 2004, and Bali, Indonesia 2005, Veracruz, Mexico 2009 – Coordinated all judging of Student Papers 2002-2005.

United States Aquaculture Society a Chapter of the World Aquaculture Society (*formerly USA Chapter of WAS* – founding member 1988, name change under my Presidency)

President 2000-2001

President-elect 1999-2000

Vice President 1998-99.

Steering Committee for the Aquaculture America 2002 in San Diego, CA.

Student Awards Committee 1999-2003.

Chairman: By-laws Committee and Nominations Committee 1992-93.

Special Sessions (developed and moderated) 1997, 98, and 99.

Texas Aquaculture Association (TAA): Board of Directors - 1998 - present.

Program Committee - 1998 through present.

Education and Awards Committee - 1998 through present.

Texas Aquatic Plant Management Society (TAPMS): Board of Directors - 1999 - present.

President 2001 and 2009

President-elect – 2000 and 2008.

Chair of Program Committee – 2000 and 2008, Program Committee – 2003 and 2010.

Alabama Fisheries Association

Steering Committee 1993-94 and 1997-98.

Program Committee 1995-96 and 1996-97.

Board Member (at-Large) 1997-98.

American Fisheries Society (AFS)

Alabama Chapter - President 1992-94.

- President-elect 1991-92.

Southern Division AFS Technical Committees:

Small Impoundments; 1990-2004.

Aquaculture; 1991-1997.

Southern Division AFS Executive Committee 1992-94.

Judge of Student Papers, American Fisheries Society; Winston-Salem, NC, 1987; and San Antonio, TX, 1991.

President TAMU Chapter, American Fisheries Society, 1984-85.

REVIEW PANELS: Panels and Steering Committees

Southern Regional Aquaculture Center (SRAC):

Extension Co-chair of Technical Committee; 1998-2005 and 2008 to present. Technical Committee; establish research and extension priorities and reviews proposals.

Principal Investigator - Publications, Video, and Computer Software; develop and review regional publications, videos, and computer software; (member 1990 - 1998), Chair - 1998 to present. Since 1998 the project has completed 122 Fact

Sheets, 6 Species Profiles, 6 Final Project Reports, 2 DVDs, and 4 Electronic Presentations.

Project Chair - "Delineation and Evaluation of Catfish and Baitfish Pond Culture Practices"; 1993-1998.

Principal Investigator (AL) - Yield Verification, 1997-1998.

Alabama Agricultural Experiment Station. Reviewer for AAES Internal Grants Program. 2010 and 2011.

Agricultural Research Service (ARS) Review Panel. 5-year ARS Aquaculture Research Proposals. 2009.

Bass Brigade Steering Committee – TX Brigades. 2003-2010.

Iowa State University. Department of Natural Resources: Review Committee. 2008.

Kentucky State University – “Program of Distinction”, Aquaculture Advisory Committee - Advisor for direction of aquaculture research and extension efforts in KY - 2000 - present.

Virginia State University. CSREES Agriculture Program Review Panel. 2007.

National Aquaculture Extension Steering Committee – CSREES and NOAA. 2004-2006.

Joint Subcommittee on Aquaculture (JSA): Aquaculture Effluent Task Force - 2000-2004. US Aquaculture Society representative. Alligator in Confinement Sub-group.

Small Business Innovative Research (SBIR), USDA. Review Panel for Phase I Aquaculture Grant Proposals. 2003 and 2012 (scheduled).

Wildlife Habitat Evaluation Program (WHEP) - National Committee - plans, develops, and conducts the annual national contest, 1996 to 2002.

Executive and Steering Committee for the National Catfish Information Database
Lead Editor of the Production Section. 1997 to 2001.

Southern Extension and Research Activities Information and Exchange Group (SERA-IEG-9) "Aquatic Food Animals from Warmwater Aquaculture". Chair 1993-1998.

Program Committee for National Wildlife, Fisheries, and Aquaculture Extension Specialist Conference – 2006, Big Sky, MT and 1999, Portland, ME.
Chair - Fisheries and Aquaculture Sessions.

Executive and Steering Committee for the National Catfish Information Database and Lead Editor of the Production Section, 1997-2000.

National Extension Aquaculture Workshop - Technology Session – Chair, 1992.

Alabama Fish Farming Conference - Program Co-chair, 1990-1994.

Catfish Farmers of America's (CFA) Quality Assurance Program (first QA program in the aquaculture industry) Development Committee, 1993-94.

Alabama Crawfish Association: Secretary/Treasurer, 1992-93.
Developed Constitution and By-laws.

Kentucky Agriculture Development Foundation: Board of Directors appointed by KY Aquaculture Association, 1988-89.

National Aquaculture Development Plan:
National Aquaculture Committee appointed by the U.S. Secretary of Agriculture, 1987.

Southern Regional Information Exchange Group - 41: Host and organizer of SRIEG-41 Meeting in Frankfort, KY, 1987.

SERVICE TO THE UNIVERSITY (TAMU only)

Associate Department Head and Extension Program Leader – 2006 – present.
Texas AgriLife Extension Water Initiative Team – 2004 – present.

Ichthyology Search Committee – WFSC – 2009-2010.

TX Sustainable Agriculture Research and Extension (SARE) – 1999-2011.

TCE – Digital Diagnostics Team 2002 – 2006.

WFSC Faculty Advisor Board 2006 – 2010.

WFSC Graduate Affairs Committee 2002 - 2006.

WFSC Awards Committee 2002 - 2004.

SERVICE TO THE UNIVERSITY: CLASSES TAUGHT and STUDENTS

WFSC 427 – Team Taught (Drs. Hasson and Varner - TVMDL) 2004.

WFSC 624

WFSC 691

Graduate students (TAMU)*.

<u>Student</u>	<u>Degree (Year)</u>	<u>Responsibility</u>
Michael Neisch	MS current	Co-chair (Dr. Roelke)
Steven Bardin	MS current	Chair (DE student)
John Putegnat	MS current	Chair
Desiree Rucker	PhD (ALEC) current	Committee Member
Christian Cifuentes Salazar	PhD (CVEN) current	Committee Member
Virginia Sanders	MS current	Committee Member
Dusty Tittle	MS 2011 (Agron)	Committee Member
Patrick Ireland	MS 2010	Committee Member
Andrew Wyatt	MS 2010	Committee Member
Trevor Knight	MS 2009	Chair
Mathew Sifuentes	MS 2009	Committee Member
Derrick Burton	MNRD 2008	Co-chair (Dr. Higginbotham)
Larry Demich	PhD (Ag Eng) 2008	Committee Member
Kathy Milenki	MS 2008	Chair
Colin Spence	MS 2006	Chair
April Schonrock	MS 2005	Chair
Ryan Gandy	PhD 2004	Co-chair (Dr. Samocha)

- I also served as COALS representative on three Ph.D. Committees.

OTHER PROFESSIONAL ACTIVITIES AND RELATED EXPERIENCE

Texas Golden Algae Task Force. TX Parks and Wildlife Department. 2008-present

USDA-EPA Aquatic Pesticide Handbook – Committee to develop new publication on EPA registered pesticides for aquatic use. 2004.

Exploring Diversity through Aquaculture (NFS Grant). Program Evaluation. June 24-31, 2001.

Aquatic Plant Management Society - Representative to B.A.S.S. for cooperative efforts toward aquatic vegetation education, 2001-2003.

Giant Salvinia Task Force (USDA) - Education Sub-committee, 1998 - 2000.

Fish Farming Safety Program - USDA funded with cooperation of the University of Arkansas at Pine Bluff, Mississippi State University, and Louisiana State University. Included video in Spanish and English, brochure, poster, and curriculum manual development. 2000.

Planned and implemented with Dr. Bill Davies two Recreational Pond Management Workshops for private pond consultants in Alabama, Georgia, and Florida. Auburn University. December 1993 and 1994.

Alabama Fish Farming Conference - Program Co-chair 1990-1994.

Editor and contributor to the KY Fish Farming Newsletter; 1988-1989.

International Extension Activities - for TAMU, Auburn University and VOCA (Volunteers in Overseas Cooperative Assistance) and private consulting - in Columbia, Peru, Russia, Belarus, Vietnam, Macedonia, Lebanon, Korea, South Africa, Mexico, Bahamas, Panama, and Australia.

Private Consulting and expert witness on Aquaculture, Pond Management, Bioassays, and Assessment of Aquatic Environments.

EXTRAMURAL FUNDING (Total since TAMU = \$1,514,504.00)

Masser, M.P. 2011. Publications, Videos, and Computer Software - Year 16. Southern Regional Aquaculture Center (SRAC). \$75,974.00

Masser, M.P. 2011. Lade Caddo Project. Center for Invasive Species Eradication (CISE). \$35,650.00

Masser, M.P. 2011. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$17,000.00

Masser, M.P. 2010. Trade Adjustment Assistance (TAA) for Farmers. USDA-FSA. \$4,739.00

Masser, M.P. 2010. Publications, Videos, and Computer Software - Year 15. Southern Regional Aquaculture Center (SRAC). \$74,077.00

Masser, M.P. 2010. Center for Aquatic Species Eradication. Natural Resource Conservation Service (NRCS). \$37,675.00

Masser, M.P. 2010. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$30,000.00.

Masser, M.P. 2009. Publications, Videos, and Computer Software - Year 14. Southern Regional Aquaculture Center (SRAC). \$79,913.00

Masser, M.P. 2009. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$30,000.00

Masser, M.P. 2008. Publications, Videos, and Computer Software - Year 13. Southern Regional Aquaculture Center (SRAC). \$80,106.00

Masser, M.P. 2008. Development of Pond Management DVD. RREA Grant, Institute of Renewable Natural Resources. \$10,000.00

Masser, M.P. and A. Jones. 2008. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$30,000.00

Masser, M.P. 2007. Publications, Videos, and Computer Software - Year 12. Southern Regional Aquaculture Center (SRAC). \$74,100.00

Masser, M.P. and A. Jones. 2007. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$17,000.00

Masser, M.P. 2006. Publications, Videos, and Computer Software - Year 11. Southern Regional Aquaculture Center (SRAC). \$78,115.00

Masser, M.P. and A. Jones. 2006. Efficient Irrigation for Water Conservation in the Rio Grande Valley. Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$38,000.00

Masser, M.P. 2005. Publications, Videos, and Computer Software - Year 10. Southern Regional Aquaculture Center (SRAC). \$78,700.00

Masser, M.P. and A. Jones. 2005. Efficient Irrigation for Water Conservation in the Rio Grande Valley B Task 6: Managing Aquatic Vegetation. USDA-CSREES. \$35,000.00

Masser, M.P. 2005-07. Ecological Evaluation of Treatment of Submerged Aquatic Plants. Aquatic Ecosystem Restoration Foundation. \$36,855.00

Masser, M.P. 2004 Publications, Videos, and Computer Software - Year 9 Southern Regional Aquaculture Center (SRAC). \$84,500.00

Masser, M.P. and A. Jones. 2004 Efficient Irrigation for Water Conservation in the Rio Grande ValleyB Task 6. USDA-CSREES. \$35,000.00

Masser, M.P. 2003-04. Production of Educational and Extension Materials for *Salvinia molesta*. USDA-ARS. \$18,267.00

Masser, M.P. 204. Publications, Videos, and Computer Software - Year 9. Southern Regional Aquaculture Center (SRAC). \$62,500.00

Masser, M.P. 2003 Publications, Videos, and Computer Software - Year 8 Southern Regional Aquaculture Center (SRAC). \$64,100.00

Masser, M.P. and A. Jones. 2003 Efficient Irrigation for Water Conservation in the Rio Grande ValleyB Task 6. USDA-CSREES. \$35,000.00

Masser, M.P. and A. Jones. 2002. Efficient Irrigation for Water Conservation in the Rio Grande ValleyB Task 6. USDA-CSREES. \$35,000.00

Masser, M.P. 2001. Publications, Videos, and Computer Software - Year 7. Southern Regional Aquaculture Center (SRAC). \$83,850

Masser, M.P. 2001. Publications, Videos, and Computer Software - Year 6. Southern Regional Aquaculture Center (SRAC). \$77,883

- Masser, M.P.**, B. Higginbotham, and W. Cohen. 2000. Assistance for County Agents for Aquatic Vegetation Identification and Management. Integrated Pest Management Grant. Texas Department of Agriculture. \$10,000
- Masser, M.P.**, B. Higginbotham, and W. Cohen. 1999. Aquatic Vegetation Management Assistance for County Agents. Soil and Water Conservation Grant. TAEX. \$10,000
- Masser, M.P.** 1999. Publications, Videos, and Computer Software - Year 5. Southern Regional Aquaculture Center (SRAC). \$74,000
- Masser, M.P.** 1998. Publications, Videos, and Computer Software - Year 4. Southern Regional Aquaculture Center (SRAC). \$60,500
- Popma, T. and **M. Masser**. 1998. Production of a Fact Sheet on Life History of Tilapia. Southern Regional Aquaculture Center (SRAC). \$1,000
- Masser, M.** 1998. Production of a Fact Sheet on Water Gardens. Southern Regional Aquaculture Center (SRAC). \$1,000
- Masser, M.** 1998-2001. Alabama River Basin Approach Stakeholder Guides. Alabama Department of Environmental Management (ADEM). \$38,177
- Masser, M.** and R. Dunham. 1997-98. Production of a Fact Sheet on Hybrid Catfish. Southern Regional Aquaculture Center (SRAC). \$1,300
- Masser, M.** 1997-2000. Yield Verification Trails in Catfish Aquaculture. Southern Regional Aquaculture Center (SRAC). \$50,000
- Masser, M.** 1996. Production of Fact Sheets on Australian Crawfish, In-pond Raceways, and Revision of Cage Culture Fact Sheets. Southern Regional Aquaculture Center (SRAC). \$4,000
- Yoo, K, **M. Masser**, and C. Boyd. 1995-97. Improving In-Pond Raceway. USDA-CSRS, AL Agricultural Experiment Station. \$61,800
- Masser, M.** 1995-96. Potential Impact of Zebra Mussels on Aquaculture and the Potential of Aquaculture to Spread Zebra Mussels. 1995-96. AL-MS Sea Grant Consortium. \$15,000
- Masser, M.** 1994-97. Delineation and Evaluation of Catfish and Baitfish Pond Culture Practices. Southern Regional Aquaculture Center (SRAC). \$75,000
- Jensen, J. and **M. Masser**. 1994. National Quality Assurance Teleconference. U.S. Department of Agriculture funded (in conjunction with Mississippi State University). \$30,000
- Masser, M.** 1994. Intensive Production Techniques in Hill-type Ponds: Cage and In-pond Raceway Research. U. S. Fish & Wildlife Service. \$19,795

- Masser, M.** and J. Jensen. 1993. National Aquaculture Teleconference. U.S. Department of Agriculture. funded (in conjunction with Purdue University). \$8,000
- Masser, M.** 1993. Intensive Production Techniques in Hill-type Ponds: Cage and In-pond Raceway Research. U. S. Fish & Wildlife Service. \$14,227
- Masser, M.** 1992-93. An Evaluation of an In-pond Raceway for Commercial Catfish Culture and Fish Waste Removal. Alabama Universities/TVA Research Consortium (AUTRC). \$29,916
- Masser, M.** 1992. Extension Publications on Alligator Aquaculture. Southern Regional Aquaculture Center (SRAC). \$2,000
- Masser, M.** 1992-93. Catfish Waste and Water Quality Research. Alabama Catfish Producers. \$4860
- Masser, M.** 1992-93. Spatial and Temporal Variability in Rapid Bioassessment Approaches Used to Measure Environmental Quality in Streams. Alabama Agricultural Experiment Station. \$2800
- Masser, M.** 1991-92. An Evaluation of the Blue Catfish, *Ictalurus furcatus*, for Commercial Culture in Central and North Alabama. Alabama Universities/TVA Research Consortium (AUTRC). \$29,700
- Jensen, J. and **Masser, M.** 1991-92. Alabama Aquaculture Plan. Alabama Catfish Producers \$20,000 and Alabama Department of Economic and Community Affairs (ADECA) \$15,000
- Masser, M.** 1991. Extension Publications on Calculating Area, Volume, and Treatment. Southern Regional Aquaculture Center (SRAC). \$2,000
- Masser, M.** 1990-92. Developing a Model System for Production, Harvest, and Marketing of Fish from Water Shed Ponds. 1990-92. U. S. Fish & Wildlife Service. \$50,700
- Masser, M.** 1987. Fact Sheets on Cage Culture. Southern Regional Aquaculture Center (SRAC). \$4,000

PROFESSIONAL AND PRODUCER AFFILIATIONS

World Aquaculture Society (WAS)
 United States Aquaculture Society a Chapter of the WAS
 American Fisheries Society (AFS) - Fish Culture Section
 Aquatic Plant Management Society (APMS)
 National Aquaculture Association (NAA)
 Texas Aquaculture Association (TAA)

Texas Aquatic Plant Management Society (TAPMS)
Texas Chapter of the American Fisheries Society
Alabama Chapter of the American Fisheries Society (1990-98)
Alabama Extension Specialists Association (1989-98)
Alabama Fisheries Association (1989-98)
Catfish Farmers of America
Mid-South Aquatic Plant Management Society (1989-98)

Peer Reviews 1999- Present

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Aquaculture						2	2	2			1		
Journal of Aquaculture International							3		1		1		
Journal of the World Aquaculture Society		2		2	2	1	2	2	2	3	2	1	2
Journal of Aquacultural Engineering							1						1
North American Journal of Aquaculture		1		1	1	1	1	1			1	2	1
Journal of Applied Aquaculture		1		2	2	1	1	2	1		1		
Aquaculture Research					1							2	
North American J of Fisheries Management								1					1
Journal of Ecological Anthropology									1				
Regional Aquaculture Centers or State Ext Ser			1	1		2	1	1	2	1	2	2	1
Sea Grant	1	1			1					1	1		1
Union of Concerned Scientists				1									
Journal of Ag and Food Chemistry											1		
NOAA Marine Aquaculture Initiative									24				
Binational Agricultural Research & Development Fund				1									
Small Business Innovative Research - USDA	2			1	1	1	1	1					
Book Chapters		1										2	1

COUNTY AGENT TRAINING WORKSHOPS

Natural Resources Leadership Class. 2008- present. Steering Committee.

Pond Management Training. 2009. TX AgriLife Extension District 8.

Aquatic Ecology Training. 2006. TCE District 8.

Pond Management Training. 2005. TCE District 11.

Aquatic Vegetation Training. 2000. TAES Districts 4, 7, 8, and 9.

Alabama Water Watch Training Program. 1997. October 28. Auburn, AL.

Commercial Catfish Production Training. 1997. June 25-26. Greensboro. AL.

Controlling Pond Pests. 1996. August 6. Auburn, AL.

Aquaculture Update. 1994. August 16-17. Auburn and Greensboro, AL.

Evaluating Agricultural Impacts on Watersheds, Streams, and Ground Water. 1993. August 16-17. Culman, AL.

Testing, Testing, Testing. 1993. November 16. Auburn, AL.

Natural Resource Training. 1992. October 7. Dixon Center. Burton, AL.

Aquatic Weed Identification and Control Workshop. 1991. August 6-7. Lake Guntersville, AL.

Aquatic Weed Identification and Control Workshop. 1991. July 31- Aug 1. Mobile, AL.

Oxygen Management and Water Quality in Catfish Ponds. 1989. September 5-6 and 20-21. Boligee, AL.

EXTENSION WORKSHOPS AND RESULT DEMONSTRATIONS

Grass carp for Aquatic Vegetation Control. Irrigation Districts in Rio Grande Valley (5 Districts). 2001- present.

Chemical Control of Nuisance Aquatic Vegetation. Irrigation Districts in Rio Grande Valley (5 Districts). 2001- present.

Grass carp for Aquatic Vegetation Control. Bexar and Medina County., TX. 1999 - 2002.

Time-release fertilizer (Scotts Co.): Result Demonstrations. Lee, Conecuh, Russell, Cullman, Coosa, and Clay Counties, AL. 1996 - 98.

Culture of Fish in In-pond Raceways: Applied Research/Demonstration. 1991-97. Fisheries Research Station. Auburn, AL.

Management of Evergreen City Lake Demonstration. 1992-98. Conecuh County Extension Service. Evergreen, AL.

Evaluation of Various Genetic Strains of Catfish for Production in Cages: Applied Research/Demonstration. 1990-95. Fisheries Research Station. Auburn, AL

Water Quality Testing Workshop. 1991. Presented by HACH Chemical personnel. May. Fisheries Research Station. Auburn, AL.

Aquatic Weed Control Using Grass Carp: Result Demonstration. 1990. Birmingham Botanical Gardens. August. Birmingham, AL.

Vocational Agriculture Training: FAA 506. 1990. Pond Construction and Watershed Management. July. Auburn, AL.

Trout Cage Culture Demonstrations. 1988. Twelve cooperators in Kentucky. KSU Frankfort, KY.

Catfish Cage Culture Demonstrations. 1987-89. Twenty three cooperators in Kentucky. KSU. Frankfort, KY.

Extension Contacts – County Programs (Contact hours not collected until 2008)

YEAR	# of County Programs	# of Attendees	# of Contact Hours	# Site Visits
1999	34	2330		28
2000	27	1561		22
2001	24	1650		33
2002	19	1330		30
2003	26	2210		48
2004	21	1050		33
2005	23	1450		48
2006	42	3120		39
2007	25	1620		27
2008	25	1430	2405	21
2009	36	1147	2265	22
2010	22	1417	2589	21
2011	20	1118	3491	11

HONORS AND AWARDS

Outstanding Fisheries Worker Award. 2009. Texas Chapter of the American Fisheries Society

Outstanding Extension Award. 2009. Department of Wildlife and Fisheries Sciences. TAMU

Outstanding Service Award. 2008. Texas Aquaculture Association.

Vice Chancellor’s Awards in Excellence. 2006. COALS. TAMU.

USDA, Certificate of Appreciation. For outstanding service and contributions as a charter member of the joint CSREES/USDA-NOAA Sea Grant National Aquaculture Extension Steering Committee 2004-2006.

Academic Keys Who's Who in Agriculture Higher Education (WWAHE) 2005.

Who's Who in Professionals and Executives 2005.

Team Award for Superior Service – Texas Cooperative Extension 2003.

Academic Keys Who's Who in Agriculture Higher Education (WWAHE) 2003.

NACAA Achievement Award - National Association of County Agricultural Agents and Alabama Association of County Agricultural Agents, 1996.

Epsilon Sigma Phi, Alpha Pi Chapter, 1996.

Best Graduate Paper, presented by TAMU American Fisheries Society, Annual Technical Session, 1986.

Phi Sigma Society, Beta Rho Chapter, 1983.

Conservation Teacher of the Year, presented by Alamo Soil and Water Conservation District, 1978.

Classroom Teacher of the Year, presented by Sidney Lanier Future Teachers of America, 1979.