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Instructor

40) Member. Technical Advisory Group: Wetlands Hybrid. Hillsborough County Environmental Protection Commission, Tampa, FL. 2007-2008.

41) Olin Sewall Pettingill Lecturer, University of Michigan Biological Station, Pellston, MI. 2010.

42) Invited Participant. The Water Energy Food NEXUS: An Integrated Approach to the Middle East Water Challenge. Hollings Center, Prince Mohammad Bin Fahd Program for Strategic Research and Studies and The Arab Gulf States Institute in Washington. Abu Dhabi, UAE. 2016

43) Elected AAAS Fellow in Biological Sciences Section. American Association for the Advancement of Sciences. 2018.

44) Outstanding Faculty Award. University of South Florida. 2019.

45) External Examiner for Ph.D. thesis and defense, Biology Department, Sultan Qaboos University, Muscat, Oman. 2019

46) Scientific Advisor, US-Israel Binational Science Foundation. 2019-2020.

47) Invited Participant. Smart & Sustainable Cities: Understanding How to Build the Modern City. The Hollings Center and University of Central Florida. Marrakech, Morocco. 2019

48) Board Member. High Atlas Foundation. Marrakech, Morocco. 2019-present.

COMMITTEES OF SCIENTIFIC SOCIETIES:

1) Elected, Executive Committee, Florida Academy of Sciences 1989

2) Chair, Technical Transfer Acid Rain Subcommittee, North American Lake Management Society 1989-1990.

3) President, Florida Academy of Sciences 1992-1993.

4) Marshall, University of Florida Chapter, Sigma Xi, 1992-1993.

5) International Cooperation Committee. Society of Wetland Scientists. 1996 – 2000.

EDITORIAL BOARDS:

1980. Verhandlungen Internationalis Vereinigung Limnologie,Volume 21. International

2002-2005 African Journal of Aquatic Science.

2002-2007 Southeastern Naturalist

2012-2015 Section Editor in Limnology. Aquatic Biosystems.

2016-2019 Associate Editor, African Journal of Aquatic Sciences

SESSION CHAIRPERSON AT SCIENTIFIC MEETINGS:

1) Technical Session #3: Spill Control Groundwater Protection, Hazardous Waste Management, Acid Rain. Fourth Annual Meeting of Florida Assoc. for Water Quality Control. Daytona Beach, Florida. May 19, 1981.

2) Technical Session #1: Freshwater Ecology and Management. 49th Annual Meeting, Florida Academy of Sciences. St. Leo, Florida. May 4, 1985.

3) Technical Session #58W: Aquatic Toxicology I. 48th Annual Meeting, American Society of Limnology and Oceanography, University of Minnesota, Minneapolis. June 21, 1985.

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Crisman, T.L. 1976. North Pond, Massachusetts: postglacial variations in lacustrine productivity as a reflection of changing watershed-lake interactions. Ph.D. dissertation, Indiana University, Bloomington. 112 pp.

Journals and Refereed Book Chapters:

1) Crisman, T.L. and D.R. Whitehead. 1975. Environmental histo

29) Beaver, J.R. and T.L. Crisman. 1990. Use of microzooplankton as an early indicator of advancing cultural eutrophication. Verh. Internat. Verein. Limnol. 24:532-537.

30) Crisman, T.L. and J.R. Beaver. 1990. A latitudinal assessment of distribution patterns in chaoborid abundance for eastern North American lakes. Verh. Internat. Verein. Limnol. 24:547-553.

31) Beaver, J.R. and T.L. Crisman. 1991. Importance of latitude and organic color on phytoplankton primary productivity in Florida lakes. Can. J. Fish. Aquat. Sci. 48:1145-1150.

32) Gottgens, J.F. and T.L. Crisman. 1991. Newnan's Lake, Florida: removal of particulate organic matter and nutrients using a short-term partial drawdown. Lake and Reservoir Management 7:53-60.

33) -60.ot5-26 (t)-26 (g)-4 (en)16 (s0)3 (.)-14 (an)16.1 (d)-4 (T)-13 (.)-1( )TjEMC /P3.0MC ET/P ⁄18.9 (.RC 2.38 0

46) Phlips, E.J., F.J. Aldridge, C.L. Schelske, and T.L. Crisman. 1995. Relationships between light availability, chlorophyll a and tripton in a large, shallow subtropical lake. Limnol. Oceanogr. 40:416-421.

47) Streever, W.J., D. Evans, C.M. Keenan, and T.L. Crisman. 1995. Chironomidae (Diptera) and vegetation in a created wetland and implications for sampling. Wetlands 15:285-289.

48) Streever, W.J., T.L. Crisman and J.H. Kiefer. 1996. Constructing freshwater wetlands: A subtropical perspective. pp.295-303. IN: F. Schiemer and K. Boland (eds.). Tropical Limnology. SBP Academic Press.

49) Crisman, T.L. and W.J. Streever. 1996. The legacy and future of tropical limnology. pp.27-42. IN: F. Schiemer and K. Boland (eds.). Tropical Limnology. SBP Academic Press.

50) Havens, K.E., L.A. Bull, G.L. Warren, T.L. Crisman, E.J. Phlips and J.P. Smith. 1996. Food web structure in the pelagic and littoral regions of a subtropical lake ecosystem. Oikos 75:20-32.

51) Streever, W.J., K.M. Portier and T.L. Crisman. 1996. A comparison of dipterans from ten created and ten natural wetlands. Wetlands 16:416-428.

52) Crisman, -

52) -

89) Crisman, T.L., T.K. Alexandridis, G.C. Zalidis and V. Takavakoglou. 2014. Phragmites distribution relative to long term, progressive water level decline in Lake Koronia, Greece. Ecohydrology 7:1403-1411.

90) Alexandridis, T.K. A. Dimitrakos, I.Z. Gitas, M. Tompoulidou, C. Mitraki, T.L. Crisman and G. Zalidis. 2014. Identification of successive zones in an evolving lake to wetland ecosystem using object based classification. South-Eastern European Journal of Earth Observation and Geomatics 3:617-620.

91) White, W.R. and T.L. Crisman. 2014. Headwater streams of Florida: types, distribution and a framework for conservation. River Researc11 (n)16 (E)-13n E(t)-60 (io)clio cs 3(E((ect)-28 (.)-48 (2

2) Crisman, T.L., R.L. Schulze, P.L. Brezonik, C.D. Hendry and S.A. Bloom. 1980. Acid Precipitation: the biotic response in Florida lakes. pp. 296-297. IN: D. Drablos and A. Tollan (eds.). Ecological Impact of Acid Precipitation. SNSF project, As-NLH, Norway. 383 pp.

3) Crisman, T.L. and P.L. Brezonik. 1980. Acid rain: threat to sensitive ecosystems. Proceedings of 73rd Annual Meeting, Air Pollution Control Association. pp. 1-22.

4) Crisman, T.L. 1981. Algal control through trophic-level interactions: a subtropical perspective. pp. 131-145. IN: Proceedings of Workshop on Algal Management and Control. U.S. Army Engineers Waterways Experiment Station, Vicksburg. 313 pp.

5) Crisman, T.L. and R.W. Bienert, Jr. 1983. Perspectives on biotic responses to acidification in Florida lakes. pp. 307-315. IN: A.E.S. Green and W.H. Smith (edsw [Pr)-3 (o)z5e10 (. S)617t (.)-1-14 (E)-13J0 -0eTc 0.04
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15) Streever, W.J. and T.L. Crisman. 1993. CAS: A new software package for analyzing species abundance data. pp. 217-226. IN: F.J. Webb, Jr. (ed.). Proceedings of the Twentieth Annual Conference on Wetlands Restoration and Creation. Hillsborough Community College, Tampa, Florida.

16) Crisman, T.L. 1995. The role of biomanipulation in the management of freshwater ecosystems in MERCOSUR countries. pp.125-138. IN: David M.L. da Motta Marques (ed.). I Seminario Qualidade de Aguas Continentais no Mercosul. Universidade Federal Rio Grande do Sul Press. Brazil.

17) Evans, D.L., W.J. Streever and T.L. Crisman. 1999. Natural flatwoods marshes and created freshwater marshes of Florida: factors influencing aquatic invertebrate distribution and comparisions between natural and created marsh communities. pp. 81-104 IN: D.P. Batzer, R.B. Rader and S.A. Wissinger (eds.). Invertebrates in Freshwater Wetlands of North America. Wiley, New York. 1100 pp.

18) Leslie, A.J., J.P. Prenger and T.L. Crisman. 1999. Cypress domes in north Florida: invertebrate ecology and response to human disturbnce. pp. 105-120. IN: D.P. Batzer, R.B. Rader and S.A. Wissinger (eds.). Invertebrates in Freshwater Wetlands of North America. Wiley, New York. 1100 pp.

19) Crisman, T.L. 1999. Constraints to successful rehabilitation of subtropical and tropical wetlands. pp. 319-326. IN: W.J. Streever (ed.). An International Perspective on Wetland Rehabilitation. Kluwer Academic Pub., Dordrecht, Netherlands.

20) Crisman, T.L. 2000. Wetland ecotones and the role of the private sector in conservation and management of the Pantanal. pp. 203-210. IN: F.A.Swarts (ed.). The Pantanal of Brazil, Bolivia and Paraguay. Hudson MacArthur Publ. Gouldsboro, PA. 287 pp.

21) Crisman, T.L. 2000. Conservation of Mediterranean coastal saline ecosystems: The private sector role in maintaining ecological function. pp. 39-48. IN: N.A. Korovessis and T.D. Lekas (eds.). Saltworks: Preserving Saline Coastal Ecosystems. Global Nest 2000, Athens, Greece. 95 pp.

22) Chapman, L.J., J.Balirwa, F.W.B.Bugenyi, C.Chapman and T.L.Crisman. 2001. Wetlands of East Africa: biodiversity, exploitation and policy perspectives. pp. 101-131, IN: B. Gopal, W.J. Junk and J.A. Davis (eds.). Biodiversity in Wetlands: Assessment, Function and Conservation. Volume 2. Backhuys Publishers, Leiden, Netherlands.

23) Prenger, J.P. and T.L. Crisman. 2001. Timber harvest in wetlands: Strategies and impact assessment. pp.429-450.IN: R.B. Rader,D.P. Batzer and S.A. Wissinger (eds.). Bioassessment and Management of North American Freshwater Wetlands. Wiley Press, New York. 469 pp.

24) Crisman, T.L., U.A.M. Crisman and J.P. Prenger. 2001. Wetlands and archaeology: the role of ecosystem structure and function. Pp. 254-262. IN: B.A. Purdy (ed.). Enduring Records: The Environmental and Cultural Heritage of Wetlands. Oxford Books Oxford, UK. 302 pp.

25) Crisman, T.L., G. Zalidis and M. Beklioglu. 2004. Restoration of Lake Koronia, Greece as a model for regional lake and wetland rehabilitation and sustainable management in the eastern Mediterranean basin. pp.243-256. IN:Proceedings of III International Meeting on Hydrological Restoration of Wetlands: Donana 2005. Ministry of Environment, Sevilla, Spain.

26) Griswold, M.W., R.T. Winn, T.L. Crisman and W.R. White. 2006. Dry Creek long term watershed study: assessment of immediate response of aquatic macroinvertebrates to watershed level harvesting and thinning of streamside management zones. pp. 392-395. IN: K.F. Connor (ed.) Proceedings of the 13th Biennial Southern Silvicultural Research Conference. Gen. Tech Rep SRS-92, U.S. Dept Agriculture, Forest Service, Southern Research Station. 640 pp.

27) Talley, B.L. and T.L. Crisman. 2006. Dry Creek long term watershed study: buffer zone performance as viable amphibian habitat. pp. 392-395. IN: K.F. Connor (ed.) Proceedings of the 13th Biennial Southern Silvicultural Research Conference. Gen. Tech Rep SRS-92, U.S. Dept Agriculture, Forest Service, Southern Research Station. 640 pp.

28))

Okeechobee, Florida. Report No. 07-79-01. Department of Environmental Engineering Sciences, University of Florida. 269 pp.

5) Crisman, T.L., C.R. Fellows, and P.L. Brezonik. 1979. Limnological studies on Lake Apopka and the Oklawaha lakes: Interim report on water quality and trophic conditions during the first six months of 1979. Report submitted to Florida Department of Environmental Regulation, Tallahassee, Florida. 34 pp.

6) Conley, R., E.C. Blancher, F. Kooijman, C. Ferrick, J.L. Fox, T.L. Crisman. 1979. Large-scale operations management test of use of the white amur for control of problem aquatic plants. Report 1: Baseline studies. Volume III: The plankton and benthos of Lake Conway, Florida. Technical Report A-78-2, U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Miss. 40 pp.

7) Brezonik, P.L., T.L. Crisman, C.D. Pollman, and P.D. Sacco. 1980. Limnological studies on Lake Apopka and the Oklawaha chain of lakes. 3. Water quality in 1979. 109 pp.

8) Crisman, T.L. and F.M. Kooijman. 1980. Large-scale operation management test using the white amur at Lake Conway, Florida: plankton and benthos. pp. 298-304. IN: Proceedings, 14th Annual Meeting, Aquatic Plant Control Research Planning and Operations review. Mis. Paper A-80-3. 1980. U.S. Army Corps of Engineers.

9) Brezonik, P.L., C.D. Hendry, Jr., E.S. Edgerton, R.L. Schulze, and T.L. Crisman. 1980. Acidity, nutrients and minerals in atmospheric precipitation in Florida. pp. 1-26 IN: Proceedings, Symposium on Atmospheric Contribution to the Chemistry of Lake Waters. International Association for Great Lakes Research, Purdue University, West Lafayette, Indiana. 1980. 384 pp.

18) Brezonik, P.L., L.A. Baker, R.W. Ogburn, E.S. Edgerton and T.L. Crisman. 1982. Ecological effects of acid precipitation on a sensitive softwater lake in Florida. Annual report, U.S. EPA-NCSU Grant APP-007-02-1980. 42 pp.

19) Brezonik, P.L., C.D. Hendry, E.S. Edgerton, R.L. Schulze and T.L. Crisman. 1983. Acidity, nutrients, and minerals in atmospheric precipitation over Florida: deposition patterns, mechanisms and ecological effects. Project summary, EPA 600/53-83-004. 7 pp.

20) Crisman, T.L., P.R. Scheuerman, A.E. Keller, U.A.M. Crisman, D.J. Medina, J.S. Bays, J.R. Beaver and M.W. Binford. 1984. Algal management through lake aeration: Final project report. Submitted to Florida Department of Natural Resources. 38 pp.

21) Garren, R.A., C.L. Clarkson, T.L. Crisman, and S.M. English. 1984. Limnological and bathometric survey of 60 lakes in the Ocala National Forest, Florida. Final project report submitted to U.S. Forest Service, Tallahassee, FL. 112 pp.

22) Crisman, T.L. 1986. Algal control through trophic-level interactions. Investigations at Lakes Wauberg and Newnans, Florida. Report submitted to Florida Department of Natural Resources. 142 pp.

23) Crisman, T.L. 1986. Historical analysis of the cultural eutrophication of Lake Maxinkuckee, Indiana. Lake Maxinkuckee Association. 141 pp.

24) Keller, A.E. and T.L. Crisman. 1986. Largemouth bass in acidic Florida lakes: Field surveys and laboratory assessment of pH-aluminum toxicity. Final project report submitted to the Bass Research Foundation. 95 pp.

25) Meier, H. and T.L. Crisman. 1986. Baseline assessment of chemical and biological conditions in Blues Creek, Florida. Final project report submitted to Florida Department of Natural Resources. 41 pp.

26) Crisman, T.L. and H. Meier. 1986. Evaluation of the response of benthic invertebrates in cypress domes of the Big Cypress National Preserve to environmental perturbation. Final project report submitted to National Park Service, U.S. Department of the Interior. 15 pp.

27) Crn b Tc 0.--1 Td[(do)-20 ()4 (t) (o)- Parhe 34 (ca)TJ-tat7 a) r L

33) [illegible] n((-10.4w)1v1[illegible]

48) Crisman, T.L., J.R. Beaver, R.J. Brock, and V. Nilakantan. 1992. Zooplankton and bacterioplankton (segment II) for the trophic structure manipulation project. St Johns River Water Management District, Palatk

62) Crisman, T.L.

7) Crisman, T.L. 1978. Chydorid cladoceran assemblages from Florida. American Society of Limnology and Oceanography Special Sympost.5267)

21) Crisman, T.L., R.L. Schulze, P.L. Brezonik, C.D. Hendry, and J.A. Bloom. 1980. Acid precipitation:

49) Crisman, T.L. 1986. The use of subfossil benthic invertebrates in aquatic resource management. 10th American Society for Testing and Materials (ASTM) Aquatic Toxicology and Hazard Assessment, New Orleans, LA (Invited Presentation).

50) Crisman, T.L. 1986. Bass and acid rain. Bass Research Foundation Bass Symposium. University of Oklahoma Biological Station. Kingston, OK (Invited Presentation).

51) Crisman, T.L. and U.A.M. Crisman. 1987. Subtropical chaoborid populations and their

63) Beaver, J.R., T.L. Crisman, and R.W. Bienert, Jr. 1988. Contribution of myxotrophic ciliates to the biomass of both subtropical lakes. 51st Annual Meeting, American Society of Limnology and Oceanography, University of Colorado, Boulder, CO.

64) Crisman, T.L. and J.R. Beaver. 1988. Shad and Tilapia impact on plankton structure and community metabolism in a eutrophic subtropical Florida lake. 51st Annual Meeting, American Society of Limnology and Oceanography, University of Colorado, Boulder, CO.

65) Crisman, T.L. 1989. Management activities at Lake Maxinkuckee, Marshall County, IN. 1989 Indiana Lake Management Conference, Warsaw, IN. (Invited Presentation).

66) Crisman, T.L. and W.B. Eviston. 1989. Created wetlands for reversing the effects of wetland destruction at two Indiana lakes. 10th Annual Meeting, Society of Wetland Scientists, Orlando, FL.

67) Crisman, T.L. 1989. Sediment cores to document lake water quality history. 4th Annual Florida Lake Management Conference, Winter Haven, FL. (Invited Presentation).

77) Beaver, J.R. and T.L. Crisman. 1989. Commercial harvesting of rough fish in hypereutrophic Florida lakes as a nutrient removal technique. 9th Annual International Symposium on Lake and Reservoir Management, North American Lake Management Society, Austin, TX

78) Gottgens, J.F. and T.L. Crisman. 1989. Removal of organic matter and nutrients using a short-term partial drawdown. 9th Annual International Symposium on Lake and Reservoir Management, North American Lake Management Society, Austin, TX.

79) Crisman, T.L. and J.K. Jones. 1989. The use of citizen-based Secchi disck monitoring programs for assessing point and nonpoint source pollution. 9th Annual IdmrTd[-0Tj-d[(C)17 (r)3 (im)34 (p)-4 (o-en)16 (t)(c)-34 31

120) Streever, W.J. and T.L. Crisman. 1992. Thoughts on sampling strategies in comparative wetland faunal studies. 19th Annual Conference on Wetlands Restoration and Creation, Tampa, FL.

121) Crisman, T.L. and R.J. Brock. 1992. Direct and indirect alterations of planktonic food web structure attributable to the filter-feeding clam Corbicula fluminea. Symposium entitled: The Biology and Impact of Exotic Species on North American Freshwaters. Annual Meeting of North American Benthological Society, Louisville, KY. (Invited Presentation).

122) Brock, R.J. and T.L. Crisman. 1992. Viability of algal cells in the pseudofeces of the Asiatic clam, Corbicula fluminea, and the implications for lake management. Symposium entitled: The Biology and Impact of Exotic Species on North American Freshwaters. Annual Meeting of North American Benthological Society, Louisville, KY. (Invited Presentation).

123) Kiefer, J.H. and T.L. Crisman. 1992. Use of botanical indicators as success criteria for constructed freshwater marshes. 13th Annual Meeting Society of Wetland Scientists, New Orleans, LA.

124) Streever, W.J. and T.L. Crisman. 1992. Chydorid cladoceran assemblages of herbaceous marshes in central Florida. 13th Annual Meeting Society of Wetland Scientists, New Orleans, LA.

125) Delfino, J.J., B.E. Rood, C.D. Earle, J.F. Gottgens and T.L. Crisman. 1992. Mercury accumulations in sediments and soils of the Everglades: Initial findings. 29th Annual Pesticide Residue Workshop, St. Petersburg, FL.

126) Crisman, T.L. and N.M. Gourlie. 1992. Survival and grazing rates of Diaptomus floridanus in acidic Florida lakes. 25th Congress, Societas Internationalis Limnologie, Barcelona, Spain.

127) Fernandes, C.A. and T.L. Crisman. 1992. Lake Paranoa: Management approaches for a tropical urban reservoir. 25th Congress, Societas Internationalis Limnologie, Barcelona, Spain.

128) Phlips, E.J., P.V. Zimba, M.S. Hopson and T.L. Crisman. 1992. Dynamics of the plankton community in submerged plant dominated regions of Lake Okeechobee, Florida. 25th Congress, Societas Internationalis Limnologie, Barcelona, Spain.

129) Streever, W.J., J.F. Gottgens and T.L. Crisman. 1992. Patterns of sediment flux in a subtropical permanently flooded cave system. 25th Congress, Societas Internationalis Limnologie, Barcelona, Spain.

130) Kiefer, J.H. and T.L. Crisman. 1992. Developmental trends in water quality and related functions of constructed freshwater marshes. 4th International Wetlands Conference, Columbus, OH.

131) Crisman, T.L. and W.J. Streever. 1992. Comparison of chydorid cladoceran communities of wetlands and lake littoral zones and their use in trophic state assessment. 4th International Wetlands Conference, Columbus, OH.

132) Streever, W.J. and T.L. Crisman. 1992. Comparative fish community structure in created and natural freshwater marshes in central Florida. 4th International Wetlands Conference, Columbus, OH.

133) Fernandes, C.A., A.J.A. Rocha, T.L. Crisman and G. Medley. 1993. Lake Hollingsworth, Florida: Twenty-four hour profile of some physico-chemical parameters. 57th Annual Meeting, Florida Academy of Sciences, St. Petersburg, FL.

134) Gottgens, J.F., B.E. Rood, C.D.A. Earle, J.J. Delfino and T.L. Crisman. 1993. Increased mercury accumulation rates in Florida Everglades sediment. Annual Meeting, American Society of Limnology and Oceanography, Edmondton, Alberta, Canada.

135) Rood, B., J. Delfino, J. Gottgens, C. Earle, T. Crisman, L. Garcia and N. Ushakoff. 1993. Increased mercury accumulations rates in Florida Everglades sediment. Division of Environmental Chemistry, American Chemical Society. Denver, CO.

136) Crisman, T.L. 1994. Using the Florida reclamation experience to promote sustainable development on mined lands in the Third World. Florida Section, American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc. (AIME), Lakeland, Florida (Invited Presentation).

137) Bitter, G.W., W.J. Streever and T.L. Crisman. 1994. A review of benthic invertebrate monitoring data from wetlands constructed on phosphate-mined lands. 58th Annual Meeting, Florida Academy of Sciences, Tallahassee, FL.

138) Goodkin, L.O., T.L. Crisman and J.D. Williams. 1994. Temperature and salinity tolerance of selected nonindigenous fishes established or collected in the state of Florida. 58th Annual Meeting, Florida Academy of Sciences, Tallahassee, FL.

139) Kuntz, H.C. and T.L. Crisman. 1994. Little Lake Weir: A paleolimnological study of progressive eutrophication. 58th Annual Meeting, Florida Academy of Sciences, Tallahassee, FL.

140) Crisman, T.L. 1994. Planktonic food web dynamics of Lake Apopka. 5th Annual Florida Lake Management Symposium. Florida Lake Management Society/Lake Education-Action Drive. Orlando, FL. 10-16 pp.

149) Beaver, J.R. and T.L. Crisman. 1995. The importance of fish standing crop in limnetic nutrient budgets. 26th Congress, Societas Internationalis Limnologie, Sao Paulo, Brazil.

150) Chapman, L.J., C.A. Chapman and T.L. Crisman 1995. The role of wetlands in the maintenance of fish faunal structure and diversity in the Lake Victoria basin. 26th Congress, Societas Internationalis Limnologie, Sao Paulo, Brazil.

151) Streever, W.J., J.F. Gottgens, B.E. Rood and T.L. Crisman. 1995. Paleo-speleo: ^{210}Pb dating of sediments from flooded caves. 26th Congress, Societas Internationalis Limnologie, Sao Paulo, Brazil.

152) Crisman, T.L. 1995. Transferring the subtropical experience in natural systems: Technology for treating wastes in tropical countries. Second International Conference on Ecological Engineering for Wastewater Treatment. Waedenswil, Switzerland. (Invited Presentation).

153) Chapman, C.A., L.J. Chapman and T.L. Crisman. 1996. Variation in the distribution of oxygen and introduced Tilapia in a Uganda crater lake: fisheries implications. Annual Meeting. American Fisheries Society. Denver, CO.

154) Crisman, T.L. 1997. El uso de los pantanos o Wetlands como technologia natural para el tratamiento de efluentes de las aguas de mina y de las aguas servidas o desogues en las ciudades. Instituto de Ingenieros de Minas del Peru, Lima (Invited Presentation).

155) Crisman, T.L. 1998. Exporting the Florida engineering experience with sustainable wetland utilization. Symposium entitled: Hot Topics and Current Issues in Water Resources and Environmental Management. American Society of Civil Engineers, Tampa, FL (Invited Presentation).

156) Calzada-Bujak,I., L. Serrano, J. Toja, T.L. Crisman and F. Garcia-Novo. 1998. Phosphorus dynamics in a Mediterranean temporary pond, Donana National Park, Spain. 27th Congress, Societas Internationalis Limnologie, Dublin, Ireland.

157) Otto, G.M., M.W. Clark, T.L. Crisman and T.J. Walker. 1998. Redesign and restoration of a stormwatee014 Tw 3.n(h)16 (C)3.1 (o Tw 0.48 ( )]TJ-)]TJ-

163) Stallman, C., T.L. Crisman and F.E. Esteves. 1999. Sediment Composition of Two Tropical Coastal Freshwater Ponds, Macae, RJ, Brazil. 63rd Annual Meeting, Florida Academy of Sciences, University of South Florida.

164) Crisman, T.L., L.J. Chapman and C.A. Chapman. 1999. Incorporating wetland ecotones in the management and conservation of freshwater ecosystems of Africa. A Symposium on Aquatic Conservation and Management in Africa. 1999 Carter Lecture Series, Unversity of Florida. Gainesville, FL.

165) Roberts, C.R. and T.L. Crisman. 1999. Fish responses to hydrological renovation of a pondcypress strand in Tate's Hell Swamp, Florida. 20th Annual Meeting, Society of Wetlands Scientists, Norfolk, VA.

166) Fowlkes, M.D., J.P. Prenger, T.L. Crisman, C. Abramchik and J.L. Michael. 1999. Short term impact of fire and drought on macroinverebrates in pondcypress domes. 20th Annual Meeting, Society of Wetlands Scientists, Norfolk, VA.

167) Osborne, T.Z., T.L. Crisman, L.C. Chapman and C.A. Chapman. 1999. Dissolved organic carbon and fine particulate organic carbon dynamics in a tropical highland stream-wetland system. 20th Annual Meeting, Society of Wetlands Scientists, Norfolk, VA.

168) Prenger, J.P., P. Krottje, T.L. Crisman and D.J. Cairns. 1999. Biological monitoring and assessment of hydrologic restoration of Tate's Hell Swamp, Florida. 20th Annual Meeting, Society of Wetlands Scientis

176) Crisman, T.L. 2000. Development of multiple approaches for the sustainable management of Greek wetlands. Theophrastus 2000: Biodiversity and Natural Heritage in the Aegean. Eressos, Lesvos, Greece. (Invited Presentation).

177) Crisman, T.L. 2000. Historical trends in integrating natural habit

188) Crisman, T.L. 2003. Responses of Balkan wetlands to cultural eutrophication and altered hydrology: restoring wetland values in the face of increasing abuse. Cultural Olympiad 2001-2004: Roads of Water – Communication Routes

201) Talley, B.L. and T.L. Crisman. 2005. Dry Creek long-term watershed study: buffer zone

214) Crisman, T.L. 2006. Climate change in Florida. Practice Issues Related to Climate Change in Florida: A Workshop on Needs Assessment and Responses. Center for Environmental Studies, Florida Atlantic University, Palm Beach Gardens, FL (Invited Presentation).

215) Crisman, T.L. 2006. Ecohydrology: balancing human and ecosystem needs for water in the face of decreasing global resources. Medalist Presentation. 70th Annnual Meeting, Florida Academy of Sciences. Florida Institute of Technology, Melbourne, FL (Invited Presentation).

216) Crisman, T.L. and S. Smith. 2006. Science partners in inquiry-based collaborative education (SPICE) grant. 70th Annnual Meeting, Florida Academy of Sciences. Florida Institute of Technology, Melbourne, FL (Invited Presentation).

217) Griswold, M.W., R. Winn and T.L. Crisman. 2006. Logging in Streamside Management Zones (SMZs): macroinvertebrates as indicators of environmental stress. 14th International Conference on Environmental Bioindicators. International Union of Biological Scientists ((IUBS) Commission on Bioindicators. Baltimore, MD.

218) Alexandridis, T., T.L. Crisman, E. Lazaridou, V. Takw 6.8 fwh., Tloue Lodis,rn, ECID 7 BDC -7.46 -1.18 Td(

225) Griswold, M.W., R. Winn and T.L. Crisman. 2007. Resilient macroinvertebrates: the road to recovery following watershed level harvesting and thinning in Georgia streams. 14th Biennial Southern Silvicultural Research Conference. Athens, GA.

226) Crisman, T.L. 2007. Florida climate change. Climate Change in Florida Conference, Tampa, FL (Keynote Presentation).

227) Crisman, T.L. 2008. Integrating natural treatment options into landscape level development plans. Smart, Sustainable Tampa Bay, United States Green Building Council. St. Petersburg, FL. (Invited Presentation).

228) Crisman, T.L. and D. Coenen. 2008. Long-term ecosystem and human adjustments to changing climate in Florida as a response model for 21st century models. Climate Information for Managing Risks:

239) N. Goddard, C. Haggerty and T.L. Crisman. 2009. Responses of plant and bird community structure in cypress wetlands relative to a time gradient since isolation within the urban landscape of Tampa, Florida. Annual Meeting, Society of Wetland Scientists, Madison, WI.

240) C. Haggerty, N. Goddard and T.L. Crisman. 2009. Temporal response of tree frogs to isolation of cypress domes within the urban area of Tampa, Florida. Annual Meeting, Society of Wetland Scientists, Madison, WI.

241) C. Mitraki and T.L. Crisman. 2009. Ecological succession of Florida phosphate mine lakes relative to age and design gradients. Annual Meeting, Ecological Society of America. Albuquerque, NM.

242) T.L. Crisman. 2009. Florida as a model for climate change in the subtropics. West Central Florida Chapter, American Meteorological Society, St. Petersburg, FL (Invited Presentation).

243) T.L. Crisman. 2009. Ecohydrological approaches to balancing human and ecosystem needs for sustainable management of water resources. AEESP/WEF Scientist's Luncheon, Orlando, FL (Invited Presentation).

244) Lewis D.B., F.A. Akiwumi, S.S. Bell, T.L. Crisman, S.J. Feit, S.M. Landry, K.A. Nilsson, M.C. Rains, P.E. Thurman, C.C. Trettin, R.L. Vinson and R.K. Zarger. 2010. Urban development, social relationships, and water poliUy as drivers of wtland change in the Tampa Bay Region. Northern Tampa B

251) Crisman, T.L. and C. de Bodisco. 2011. Water insecurity as a political tool in Yemen. A conference entitled: Yemen After the Arab Spring: From Revolution to Disintegration? The Jamestown Foundation. Washington, D.C. (Invited Presentation).

252) Crisman, T.L. 2011. Water, security and climate change in Central Asia. 2011. A conference entitled: Central Asia, Afghanistan and the New Silk Road: Political, Economic and Security Challenges. The Jamestown Foundation. Washington, D.C. (Invited Presentation).

253) Thurman, P.E., T. L. Crisman, D. Carr and T. Rochow. 2012. Hydrologic control of ground cover vegetatio,20 (P)27 (.)pre ct SpJaa d (w)-18 4 (o16 (e J)5 (a 18 4 (o Td[w (n))-27 (.)]TJ3.60.038 Twe.48 0 Td9g)]TJ-0

262) Rains, M.C., S. Landry, K.C. Rains, V. Seidel and T.L. Crisman. 2013. Net wetland loss (1950s-2007) and current wetland condition (2007, Tampa Bay watershed, Florida. SWS SAC/FAESS/SW FAEP Joint Conference. Tampa, FL

263) Rains, K.C., M.C. Rains, S. Landry, V. Seidel, and T.L. Crisman. 2013. Using net wetland loss, current wetland condition, and planned future watershed condition for wetland conservation planning and prioritization, Tampa Bay watershed, Florida. SWS SAC/FAESS/SW FAEP Joint Conference. Tampa, FL

264) Crisman, T.L. 2013. Empowering local communities at the regional level to identify watershed issues and develop management plans. Supporting Sustainable Development, Management and Protection of Natural Resources. Athens, Greece. (Invited Presentation).

265) Alexandridis, T.K., A. Dimitrakos, I.Z. Gitas, M. Tompoulidou, C. Mitraki, T.L. Crisman and G. Zalidis. 2014. 5(a)14 (s)3

274) Haggerty, C. and T.L. Crisman. 2015. Seeing the forest for the trees (and amphibians): forest
s

286) Hoffman, S.M. and T.L. Crisman. 2017. Do golf course ponds provide suitable waterbird habitat in an urban landscape?. Wildlife Society, Florida Chapter Spring Meeting. Orlando, FL.

287) Hoffman, S.M., L.K. Solinger and T.L. Crisman. 2017. Assessment of prey fish in the littoral zone of golf course ponds in Hillsborough County, Florida. Wildlife Society, Florida Chapter Spring Meeting. Orlando, FL.

288) Hoffman, S.M., L.K. Solinger and T.L. Crisman. 2017. Community composition of forage fish in

2) Crisman, T.L. 1979. The importance of grazing for controlling primary productivity in Florida lakes. Department of Biology, Central Michigan University, Mt. Pleasant.

3) Crisman, T.L. 1979. Trophic-level interactions in Florida lake systems and the potential for biological control of aquatic productivity. Department of Biology, University of West Virginia, Morgantown.

4) Crisman, T.L. 1980. Exp

37) Crisman, T.L. 2001. The functional approach to water management. Greek Biotope/Wetlands Center (EKBY) and U.S. Consulate, Thessaloniki, Greece.

38) Crisman, T.L. 2002. The role of ecology in engineering. Department of Civil & Environmental Engineering, University of South Carolina, Columbia. (Invited Talk).

39) Crisman, T.L. 2003. Transboundary water issues: from the Mediterranean to Mesopotamia. Stetson University Law School, St. Petersburg, FL. (Invited Talk). g,t(iv)-18 g,o (s)5 (y)tgy

40) Crisman, T.L. 2003. Wet agriculture and wetland conservation. Aristotle University, Thessaloniki, Greece.

41) Crisman, T.L. 2004. How little water do lake and wetland ecosystems need: living within the reality of increased water demand in Greece. Rosenstiel

52) Crisman, T.L. and W.R. Wise. 2006. Expert witnesses: their view of the experience. Stetson University Law School, St. Petersburg, FL.

53) Crisman, T.L. and W.R. Wise. 2006. Legal implications of the developing field of ecohydrology. Stetson University Law School, St. Petersburg, FL.

54) Crisman, T.L. 2008. Integrating natural treatment options and ecohydrology to meet the global water crisis. University of Connecticut, Storrs, CT.

55) Crisman, T.L. 2008. Recent advances in using ecological engineering and ecohydrological approaches for managing water resources in the subtropics and tropics. Temple University, Philadelphia, PA.

56) Crisman, T.L. 2009. Managing shallow freshwater ecosystems to meet demands of humans and nature conservation. Department of Biology, University of Central Florida. Orlando, FL.

57) Crisman, T.L. 2010. Florida as a model for climate change across the tropical-temperate transition. Olin Sewall Pettingill Lecture, University of Michigan Field Station, Pellston, MI.

58) Crisman, T.L. 2010. Designing with nature to address the global water crisis. Olin Sewall Pettingill Lecture, University of Michigan Field Station, Pellston, MI.

59) Crisman, T.L. 2011. Designing with nature to address water management issues globally. University of Zagreb, Zagreb, Croatia.

60) Crisman, T.L. 2015. The global water crisis: designing with, not against, nature. Department of State, Washington, DC.

61) Crisman, T.L. 2015. The global water crisis: using green technologies to manage the human-water interface. University of Maryland Baltimore County, Maryland.

62) Crisman, T.L. 2015. Global water issues: the interface of public, private and conservation sectors. Earth System Science Interdisciplinary Center (ESSIC). University of Maryland, College Park, MD

63) Crisman, T.L. 2016. NEXUS, sustainable development and the global water crisis: science and engineering as the basis for policy. College of Engineering, University of Georgia, Athens, GA

64) Crisman, T.L. 2016. Meeting the challenges of NEXUS, sustainable development and the global water crisis for transboundary watersheds: multidisciplinary approaches for realistic foreign policy and community based applications. University of Texas Rio Grande Valley, McAllen, TX.

65) Crisman, T.L. 2019. Impacts of the Water-Food-Energy Nexus and implementation of nature-based solutions. Sultan Qaboos University, Muscat, Oman.

66) Crisman, T.L. 2020. The global water crisis. LIFE Global Issues Series, University of Central Florida, Orlando.

RESEARCH GRANTS

Total: $9,121,283

1) Heavy metals in ash pond leachate. Florida Department of Environmental Regulation. 1978. (Co-principal investigator with J. Zoltek, Jr.). $11,505.

32) Ecological studies of the littoral and pelagic systems of Lake Okeechobee. 1988-1992. South Florida Water Management District. (Co-Principal Investigator with 9 other Investigators). $2,387,294.

33) Biogeochemical partitioning of mercury in the Everglades and Okefenokee Swamp wetland systems. 1991-1993. Florida Water Resources Research Center. (Co-Principal ICtt ihet (-36 (is04 0 Tdl-5 (m)-18 (c)w 7-42A)-7

48) Tabular data management for Florida Bay monitoring efforts. 1997-1998. Florida Department of Environmental Protection. $30,000.

49) Distance learning for wetlands and water resources management in Greece. 1997-1998. USIA. $6,760.

50) Ecosystem monitoring for assessment of hydrologic restoration of Tate's Hell Swamp. 1998-1999. Northwest Florida Water Management District. $139,652.

51) Field measurement and modeling of hydrologic connectivity of isolated wetlands with surficial aquifers. 1998-1999. South Florida Water Management District. (Co-Principal Investigator with W.R. Wise and M.D. Annable). $100,000.

52) Integrating Indigenous African Knowledge, Rights, and Scientific Research in Environmental Conservation. 1998-2001. Ford Foundation. Co-Principal Investigator with M. Chege, L.J. Chapman, C.A. Chapman, A. Goldman, and H. Davis). $148,252.

53) Doctoral training funding for Ugandan students. 1999-2002. Lake Victoria Environmental Management Programme. Global Environmental Fund, World Bank. $138,000.

54) Water quality evaluation of Tumblin' Creek. 1999-2000. City of Gainesville, FL. $19,875.

55) Monitoring and management consultation at the Waldo sewage treatment wetland. 1999-2000. City of 9.03nd

65) Benthic invertebrate and salamander

5) Gary S. Comp. August 10, 1979. Diel and seasonal patterns in the vertical distribution of zooplankton in Lake Conway, Florida.

6) Brian E. LaPointe. November 21, 1979. The effects of light and nutrients on the biochemical composition and growth of the sealettuce Ulva fasciata Delile.

7) Thomas W. Hall. December 4, 1979. Factors affecting the operati

23) Duncan J. Cairns. August 20, 1984. Non-thesis project. Protozoan colonization of artificial substrates at varying depth in two north-central Florida lakes of differing color.

24) Anne E. Keller. November 20, 1984. Fish communities in Florida lakes: Relationship to physico-chemical parameters.

25) Chandler L. Clarkson. March 5, 1985. Macrophyte species distributions and tissue chemical composition in acidic Florida lakes.

26) Richard W. Ruble. August 23, 1985. Non-thesis project. Evidence against the success of an attempt to mix the bottom sediments of Lake Brooker, Florida as shown by fossil diatom stratigraphy.

27) Jeri T. Reinholtz. March 20, 1986. Non-thesis project. Effects of dessication and chlorination on the asiatic clam Corbicula fluminea.

28) Eugene W. Medley. October 3, 1989. Phytoplankton communities of 58 acidic lakes in the Ocala National Forest.

29) Henry Meier. November 13, 1989. Macroinvertebrate community structure in a first order sand bottom stream in Florida.

30) John H. Kiefer. September 5, 1991. Chemical functions and water quality in marshes reclaimed on phosphate mined lands in central Florida.

31) Vani Nilakantan. December 3, 1991. Non-thesis Project. Bacterioplankton dynamics in Florida lakes.

odruff. December 1, 1992. Florida springs chemical classification and aquatic biological

Goodkin. November 5, 1993. Temperature and salinity tolerance of selected
shes established or collected in the State of Florida.

anuary 5, 1994. Design and construction of a baffled plug flow digester in a rur

R. Ferro. May 6, 1994. Non thesis Project. Osprey foraging on Rodman Reservoir.

er Kuntz. August 23, 1994. Little Lake Weir: A paleolimnological investigation of progressive
trophication

ine M. Keenan. November 22, 1994. A preliminary evaluation of zooplankton in constructed
Sample size determination and spatial patterns.

L. Johnson. January 5, 1995. Effect of drawdown on the seed bank of a central Florida lake.

R. Jessamy. March 23, 1995. Comparison of summer macroinvertebrate community structure
ed phosphate-mined streams of central Florida.

42) Ima C. Bujak. November 12, 1996. Factors influencing the disap

60) Kathlene Butler. June 21, 2000. Non-thesis Project. Lost Lake, IN phosphorus and water level trends for the past century.

61) Todd Z. Osborne. July 14, 2000. Fine particulate and dissolved organic carbon dynamics of a tropical watershed.

62) Karen L. Rogers. August 14, 2000. Non-thesis Project. Individual plant traits influencing macrophytic succession of mitigation marshes in central Florida.

63) James Patterson. August 18, 2000. Non-thesis Project. Assessment of water quality improvement measures within Lake Maxinkuckee, Indiana.

64) Laura Line. August 18, 2000. Non-thesis Project. Tumblin Creek water quality assessment.

65) Kerry J. McWalter. October 18, 2000. Non-thesis Project. Aerial canopy architecture and pland diversity of a valley papyrus (Cyperus papyrus) swamp in western Uganda.

66) Shannon P. Ludwig. May 4, 2001. Long-term community dynamics and composition of five South Florida plant communities.

67) Steven B. Eakin. August 15, 2001. Non-thesis Project. Zooplankton community structure and abundance in Florida Bay.

68) Robin L.Johnson. April 26, 2002. Non-thesis Project. Effects of dissolved oxygen substrate and macrophyte density on the abundance of benthos in Lake Conway, Florida.

69) Chrysoula Mitraki. February 25, 2003. Non-thesis Project. Effects of cultural eutrophication and hydrological alterations in Lake Koronia, Greece.

70) Joshua J. Muller. August 20,2003.CNRE Non-thesis Project. Characterization of vegetation within the Northwest Eighth Avenue Floodplain of Hogtown Creek.

71) Tonya M. Clauss. January 5,2004. Non-thesis Project. Progressive hypoxia tolerance of eleven species of native freshwater fishes in Florida.

72) James L. Myles. January 5,2004. Non-thesis Project. Assessment of tree mortality in the Hogtown Creek floodplain in Gainesville, Florida

73) Stacie Greco. July 1, 2004. Biogeochemical comparison of wetlands within the southeastern United States.

74) Rebecca T. Winn. November 30, 2004. Aquatic madroinvertebrate assemblages in southwest Georgia headwater streams.

75) Brandon Tidwell. December 9, 2004. SNRE Non-thesis Project. A summer survey of anurans utilizing constructed stormwater detention ponds in north-central Florida.

76) Brooke Talley. April 20, 2005. Non-thesis Project. Dipnet and litterbag sampling techniques for larval Eurycea cirrigera: capture and size-class analyses.

77) Danny Coenen. June 20, 2005. SNRE. Interannual lake temperature trends as indicators for climatic change in Florida.

2) John W. Caldwell. November 22, 1985. The response of seagrass community metabolism to natural and man-made turbidity.

3) Raymond W. Bienert, Jr. April 10, 1987. Zooplankton dynamics in an acidic, subtropical lake.

4) Anne E. Keller. October 18, 1989. Toxicity testinf4oli

1)Tara Harter. Wading bird communities of wetlands along gradients of urbanization and hydrological alteration in Hillsborough County, Florida

2) Rebecca Ruthberg-Campagne. Impact of urbanization and sea level rise on shore bird communities of Pinellas County, Florida.

3) Zachary Winters. Potential for implementation of nature-based solutions to meet the challenges of the water-food-energy nexus in Caribbean nations.