
Steven K. Starrett, Ph.D. P.E., D.WRE

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785-458-8487

OCCUPATION

Associate Professor of Water Resources Engineering
Civil Engineering Department, Kansas State University

Expert, Consultant and Professional Engineer (Kansas, Missouri, Oklahoma, Arkansas)
Starrett Engineering, LLC

EDUCATION

Ph.D. in Civil and Construction Engineering (Environmental Engineering)
Iowa State University August 1994

Master of Science in Civil and Const. Engineering (Water Resources)
Iowa State University May 1992

Bachelor of Science in Civil Engineering
University of Missouri-Rolla December 1989

EXPERIENCE

Associate Professor (Kansas State University) July 2002 – present

Assistant Professor (KSU) August 1996 – June 2002

Research Associate - Research Asst. Prof. (KSU) August 1994 - August 1996

Graduate Research Assistant (Iowa State University) October 1990 - August 1994

TEACHING EXPERIENCE (KSU)

Undergraduate

Introduction to Civil Engineering (created)
Fundamentals of Environmental Engineering Laboratory
Natural Resources and Environmental Science Senior Design Project Course
Hydrology
Hydrologic Methods Laboratory
Water Resources Engineering (created)
Hydraulics Engineering
Statics
Statics for construction science majors

Graduate

Advanced Hydrology
Open Channel Hydraulics
Advanced Civil Engineering Design Using GIS (created)
Responsibility of Engineering: Codes & Professionalism (created)
Responsibility of Engineering: Leadership & Diversity (created)
Engineering Ethics Case Studies (created)

COMMITTEE EXPERIENCE

University

- Chair of CE Student Equipment Fee Committee
- Chair of Outreach Committee
- Chair of CE Course Schedule Committee
- College of Engineering Academic Standards Committee
- Department Faculty Search Committee
- Department Head Evaluation Committee
- Department Committee on Student Advising
- Department Graduate Committee
- Department Undergraduate Committee
- Chi Epsilon Advisor
- Founding Member of Urban Water Research Group
- Founding Member of Ethics in Engineering and Science Team
- Division of Continuing Education Faculty Advisory Committee

State

- Tri-Valley Chapter of KSPE President
- Tri-Valley Chapter of KSPE Vice-President
- Tri-Valley Chapter of KSPE Secretary
- KSPE State Registration Committee Chair
- KSPE Young Engineers Roundtable Committee
- KDOT Water Resources Research Needs Review Panel Member

National

- Technical Chair, EWRI World Environmental and Water Resources Congress 2009
- EWRI Congress Committee, 2008
- Conference Chair, Editor of conference proceedings, 2007 International Conference on Environmental Science and Technology Technical Committee, American Academy of Sciences, Houston, TX
- Member of ASCE Committee on Licensure and Ethics, 2007
- Member of ASCE Watershed Management Technical Committee, 2007
- Senior Research Ethics Fellow, Land Grant University Research Ethics initiative, North Carolina State University
- Conference Co-Chair, co-editor of conference proceedings, 2006 International Conference on Environmental Science and Technology Technical Committee, American Academy of Sciences, Houston, TX
- Non-Point Source Session Chair, International Conference on Environmental Science and Technology Technical Committee, 2005, American Academy of Sciences. New Orleans
- International Conference on Environmental Science and Technology Steering Committee, 2005, American Academy of Sciences. New Orleans, LA
- Water Environment Federation Literature Review Committee, 1999-2004
- Member of committee that set the passing grade for Fall, 2002 Environmental Engineering Fundamentals of Engineering Exam, National Council of Examiners for Engineers and Surveyors (NCEES). Met in Atlanta, Georgia
- Member of committee that set the passing grade for Fall, 2002 and 2005 Environmental Engineering Fundamentals of Engineering Exam, National Council of Examiners for Engineers and Surveyors (NCEES). Met in Atlanta, Georgia
- Reviewer for various journals

Other

- Networks Committee Member, Faith Evangelical Free Church, Manhattan, KS.
- School Board President for Flint Hills Christian School, Manhattan, Kansas. 2001-2003. Regional Christian school with about 165 students pre-K through 12th grade, 17 staff members, annual budget of about \$700,000.
- School Board member for Flint Hills Christian School, Manhattan, Kansas. 2000.

HONORS

- KSU-CE Department Collegiality Award, 2006. Faculty Award given to person that makes major contributions to departmental mission, has a positive attitude and is a model team player.
- KSU Make a Difference Award, 2006. Given to faculty at Kansas State University that has made a positive impact on a female student.
- Diplomate, Water Resources Engineering, 2005. American Academy of Water Resources Engineers.
- One of ten faculty selected to attend 3-day Inaugural James R. Coffman Leadership Institute for K-State faculty and staff, 2004. Held at Rock Springs 4-H Camp.
- Young Engineer of the Year Award for the state of Kansas, Kansas Society of Professional Engineers, 2003.
- Promoted, with tenure, to Associate Professor, 2002.
- KSU-CE Department Collegiality Award, 2001.
- Initiated into Tau Beta Pi as an Eminent Engineer, 2000.
- EIT of the Year Award for the State of Kansas, Kansas Society of Professional Engineers, 1996.
- Association of Ground Water Scientists and Engineers Graduate Student Fellowship, 1993.
- Environmental Education Enterprises Institute Environment Science Scholarship, 1993.
- Merwin D. Dougal Memorial Scholarship, Iowa State University, 1991.
- Invited to join Chi Epsilon (XE), Civil Engineering Honor Society, 1989.

GRADUATE STUDENTS ADVISED

- Patel, Hetal, M.S. in Civil Engineering, in progress, GIS applications in hydrology.
- Rigler, Nathan, M.S. in Civil Engineering, in progress, urban hydrology.
- Kapsilos, Stelios, M.S. in Civil Engineering, in progress, surface-water hydrology.
- Whitehead, David, M.S. in Civil Engineering, 2006. Construction of a New Bridge over the Colorado River.
- Jeff Holste, M.S. in Civil Engineering, 2006. Evaluating the Rational Formula to Predict Peakflows from a Tallgrass Prairie Dominated Watershed.
- Klein, Jamie, M.S. in Civil Engineering, 2005. Pesticide Runoff from Turfgrass.

- Chen, Luibo, M.S in Civil Engineering, 2005. Advanced Modeling Techniques.
- Zinia Zannatul, M.S. in Civil Engineering, 2004. Using AVSWAT to Model Watersheds.
- Heier, Travis, M.S. in Civil Engineering, 2004. Nutrient Modeling for Golf Course Dominated Watershed.
- Carlson, James, M.S. in Civil Engineering, 2003. The Engineering and Environmental Performance of Class C Flyash in Surface Impoundment Liners.
- Yunsheng Su, Ph.D. in Civil Engineering, 2002. Effects of Golf Course Construction and Operation on Nutrient Runoff.
- Boraud Ntakpe, M.S. in Civil Engineering. 2002. Drainage and Detention Analysis for Fort Bend County, Texas Municipal Utility District 142.
- Bruce Allman, M.S. in Civil Engineering, 2001. Design and Construction of the Emporia, Kansas Water Treatment Plant.
- Peter Glashagel, M.S. in Civil Engineering. 2001. Application of Hydrologic Computer Modeling to Determine the Timing and Amount of Runoff Contained in a First Flush of Water From an Industrial Site.
- Sam Mryyan, M.S. in Civil Engineering. 1999. Investigating Lead Transport from a Firing Range.
- Cynthia Joudrey, M.S. in Civil Engineering. 1997. Modeling the Impact of Vegetative Filter Strips on Feedlot Runoff.

RESEARCH PROJECTS

- Graduate Ethics Education in Science and Engineering Disciplines, NSF, \$300,000, 3-year study. Joint project with the University of Kansas, University of Missouri – Kansas City.
- Comparing Nutrient Losses Via Runoff from a New Golf Course and the Golf Course's Previous Native Condition, United States Golf Association, \$220,000, 10-year study.
- Fate of Pesticides and Their Partitioning Among Water, Soil, and Biomass Elements in a Turfgrass Ecosystem. United States Golf Association, \$90,000, 3-year study.
- Preliminary Environmental Assessment of Lateral Field Used for Liquid Disposal from Various Kansas National Guard Maintenance Facilities, Kansas National Guard, \$80,000, 30-month study.
- KTURF – Pesticide Leaching Model for Turfgrass Environments using Artificial Neural Networks. \$8,000. United States Golf Association.

TEACHING RELATED PROJECTS

- Development of six graduate civil engineering courses to be delivered Via the Internet for off-campus students, \$52,000, Division of Continuing Education, Kansas State University.
- Development of professional develop seminars for licensed engineers, \$20,000, Division of Continuing Education, Kansas State University.

PROFESSIONAL EXPERIENCE

- Licensed Professional Engineer in Kansas, Missouri, Oklahoma, and Arkansas.
- *Expert Witness and Consultant*
- Designing water, sewer, drainage, streets, and parceling for 170-ac residential development near Branson, Missouri.
- Created watershed models for lake communities that estimated erosion and sediment transport from construction sites and entire watershed.
- Estimated missing peakflow data for Santa Clara River Watershed, Ventura County, CA, using artificial neural networks.
- Provided expert consultation for lake communities with respect to preventing excessive sediment from being transported into lake.
- Provided expert opinion for about 12 cases with regard to various water resources issues.
- Provided six dam breach investigations (flood inundation maps created) for county land planning purposes.
- Provided several dam inspections.
- Served as a panel member that reviewed Water One's (So. Johnson Cty, Water District) Master Plan that covers the next 40 years.

REFEREED PUBLICATIONS

Starrett, S.K., Y. Su, T.J. Heier, J.M Klein, and J. Holste, in progress, Nutrient and Sediment Runoff From a Golf Course Dominated Watershed.

Starrett, Steven K. and J.M. Klein. In press, Pesticide Runoff from Zoysiagrass Fairways. American Chemical Society.

Starrett, S.K. "Erosion Control for Construction Sites." 2007. In *Case Studies in Environmental Engineering and Science*, Eds. A. Bhandari, M.A. Butkus, Association of Environmental Engineering and Science Professors, Champaign, IL, pp 52-57.

Starrett, S., Y. Su, T. Heier, J. Klein and J. Holste. 2006. Nutrient Runoff from Three Phases of a Golf Course Project. *USGA Turfgrass and Environmental Research Online* 5(8):1-8. TGIF Record Number: 110517

Starrett, Steven K., T.J. Heier, and J. M. Klein. 2004. Roundup runoff from Zosiagrass [Zoysiagrass] fairways *USGA Turfgrass and Environmental Research Online*. Vol. 3, No. 19, p. [1-6].

F. A. Momani, M. G. El-Din, D. W. Smith, A. Bhandari, S. L. Hutchinson, and S. K. Starrett. 2004. Pesticides and Herbicides 2003 Literature Review. *Water Environment Research Literature Review* September/October 2004 (82).

Starrett, Steven K. and Yunsheng Su. 2003. Nutrient and Sediment Runoff from a Prairie Golf Course. *Green Section Record*. United States Golf Association. 31(2) 16-18.

Bhandari, Alok, Hutchinson, Stacy L., and Steven K. Starrett. 2003. Pesticides and Herbicides 2002 Literature Review. *Water Environment Research Literature Review* September/October 2003 (63).

- Hutchinson, Stacy, S.K. Starrett, and A. Bhandari. 2002. Pesticides and Herbicides 2001 Literature Review. *Water Environment Research Literature Review* September/October 2002 (28).
- Thien, Steve, Steve Starrett, Robert Robel, Dave Gourlay, Patrick Shea, and Cal Roth. 2001. A New Environmental Evaluation Method for Golf Courses. *Green Section Record*. United States Golf Association. 39(2) 12-18.
- Starrett, S.K., O. Itani, H. Davalos, Y. Najjar, and L. Reddi. 2001. Locating Waste Management System Sites Using GIS Technology, *Elec. J. of Geotech. Engg.*, <http://geotech.civen.okstate.edu/ejge/Ppr0114/>.
- Starrett, S.K., A. Bhandari, and Stacy Hutchinson. 2001. Pesticides and Herbicides 2000 Literature Review. *Water Environment Research Literature Review* September/October 2001 (27).
- Su, Y., Starrett, S.K., L. Chen, and J. Harrington. 2001. Using AGNPS98 and GIS to Model Sediment Yield from a Newly Constructed Golf Course. In "Urban Drainage Modeling Symposium 2001" pp. 287-300. Edited by Dr. Brashear. American Society of Civil Engineering.
- Starrett, S.K., P. Glashagel, S. Mryyan, and L. Wang. 2001. Historical Study of Surface Water Quality In Sedgwick County, Kansas Using BASINS and GIS Technology. In "Urban Drainage Modeling Symposium 2001" pp. 250-262. Edited by Dr. Brashear. American Society of Civil Engineering.
- Starrett, S.K., N.E. Christians, and T. Al Austin. 2000. Movement of Herbicides under Two Irrigation Regimes Applied to Turfgrass. *Adv. In Env. Res.* 4:169-176.
- Bhandari, Alok, Kang Xia, Steve Starrett. 2000. Pesticides and Herbicides 1999 Literature Review. *Water Environment Research*. (41).
- Starrett, Steven K. and Shelli K. Starrett. 2000. KTURF: Pesticide and Nitrogen Leaching Model. In "Fate and Management of Turfgrass Chemicals" Edited by Drs. Kenna and Clark. American Chemical Society Symposium Series 743.
- Starrett, Steve, Justin Benna, Jim DeVault, Richard Gallagher, Barbara Licklider, Russ Meier, and Jan Wiersema. 1999. Faculty Experiences with K-State Engineering LEA/RN™. *Frontiers in Education Conference Proceedings*.
- Starrett, Steve, Alok Bhandari, and Kang Xia. 1999. Pesticides and Herbicides 1998 Literature Review. *Water Environment Research*. 71(5): 853-860.
- Chung, Kyuhyuck, Steve Starrett, Yunchul Chung, and Kyoung S. Ro. 1998. Pesticides and Herbicides 1997 Literature Review. *Water Environment Research*. 70(4) 693-697.
- Starrett, Steven K., Shelli K. Starrett, Yacoub Najjar, Greg Adams, and Judy Hill. 1998. Modeling Pesticide Leaching from Golf Courses Using Artificial Neural Networks. *Comm. in Soil Sci. and Plant Anal.* 29:3093-3106.
- Starrett, Steven K., Shelli K. Starrett, and G.L. Adams. 1997. Using Artificial Neural Networks and Regression to Predict Percentage of Applied Nitrogen Leached under Turfgrass. *Comm. in Soil Sci. and Plant Anal.* 28:497-507.
- Starrett, Steve, Shelli Starrett, Judy Hill, and Greg Adams. 1997. KTURF: A Pesticide and Nitrogen Leaching Model. *Green Section Record*. United States Golf Association. 35(1) 10-12.

- Horst, G.L., P.J. Shea, N.E. Christians, D.R. Miller, C.L. Stuefer-Powell, and S.K. Starrett. 1996. Pesticide Dissipation Under Golf Course Fairway Conditions. *Crop Sci.* 36:362-370.
- Starrett, S.K., N.E. Christians, and T.A.I Austin. 1996. Comparing Dispersivities And Soil Chloride Concentrations Of Turfgrass Covered Undisturbed And Disturbed Soil Columns. *J. of Hydrology.* 180:21-29.
- Starrett, S.K., N.E. Christians, and T.A.I Austin. 1996. Movement of Pesticides under Two Irrigation Regimes Applied to Turfgrass. *J. Environ. Qual.* 25:566-571.
- Starrett, S.K., N.E. Christians, and T.A.I Austin. 1995. Fate ¹⁵N Amended Urea in Turfgrass Biosystems. *Comm. in Soil Sci. and Plant Anal.* 26:1595-1606.
- Starrett, S.K., and N.E. Christians. 1995. Nitrogen and Phosphorus When Applied to Turfgrass in Golf Course Fairway Condition. *Green Section Record.* United States Golf Association. 33(1) 23-25.
- Starrett, S.K., S.E. Luke, N.E. Christians, and T.A.I Austin. 1995. Comparing Chloride Transport of Undisturbed and Disturbed Soil Columns Under Turfgrass Conditions. *Comm. in Soil Sci. and Plant Anal.* 26:1283-1290.
- Starrett, S.K., N.E. Christians, and T.A.I Austin. 1995. Fate Of Nitrogen Applied to Turfgrass Covered Soil Columns. *J. of Irrigation and Drainage Engg.* 121(6):390-395.
- Starrett, S.K., N.E. Christians, and T.A. Austin. 1994. Soil Macropore Effects on the Fate of Phosphorus in a Turfgrass Biosystem *Science and Golf II.* A.J. Cochran and M.R. Farrally (ed.). E&FN Spon, London. pp. 443-448.

EDITOR OF CONFERENCE PROCEEDINGS

- Starrett, Steven K., Jihua Hong, Robert J. Wilcock, Qilin Li, John H. Carson, and Samantha Arnold. Environmental Science and Technology 2007 (1) Proceedings from the Third International Conference on Environmental Science and Technology, held August 6-9, 2007 in Houston, Texas, USA. ISBN: 978-0976885382
- Starrett, Steven K., Jihua Hong, Robert J. Wilcock, Qilin Li, John H. Carson, and Samantha Arnold. Environmental Science and Technology 2007 (2) Proceedings from the Third International Conference on Environmental Science and Technology, held August 6-9, 2007 in Houston, Texas, USA. ISBN: 978-0976885399
- Lyon, William G., Steven K. Starrett, and Jihua Hong. 2006. Proceedings from the Second International Conference on Environmental Science and Technology Volume 1, held August 19-22, 2006 in Houston, Texas, USA. ISBN 0-9768853-6-0.
- Starrett, Steven K., William G. Lyon, and Jihua Hong. 2006. Proceedings from the Second International Conference on Environmental Science and Technology Volume 2, held August 19-22, 2006 in Houston, Texas, USA. ISBN 0-9768853-7-9.

RESEARCH REPORTS

- Starrett, Steve. 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998. Comparing Nutrient Losses Via Runoff from a New Golf Course and the Golf Course Site's Previous Native Condition. USGA Sponsored Research Annual Report.
- Starrett, Steve. 2005, 2004, 2003, 2002, 2001. Fate of Pesticides and Their Partitioning Among Water, Soil, and Biomass Elements in a Turfgrass Ecosystem. USGA Sponsored Research Annual Report.

- Starrett, Steve and Alok Bhandari. 2003. Preliminary Environmental Assessment of Kansas National Guard Site in Sabetha. KNG.
- Starrett, Steve and Alok Bhandari. 2003. Preliminary Environmental Assessment of Kansas National Guard Site in Dodge City. KNG.
- Starrett, Steve and Alok Bhandari. 2003. Preliminary Environmental Assessment of Kansas National Guard Site in Ottawa. KNG.
- Starrett, Steve and Alok Bhandari. 2003. Preliminary Environmental Assessment of Kansas National Guard Site in Hutchinson. KNG.
- Starrett, Steve and Alok Bhandari. 2003. Preliminary Environmental Assessment of Kansas National Guard Site in Forbes Field, Topeka. KNG.
- Starrett, Steve and Alok Bhandari. 2002. Preliminary Environmental Assessment of Kansas National Guard Sites in Kansas City and Topeka. KNG.
- Starrett, Steve and Alok Bhandari. 2001. Preliminary Environmental Assessment of Lateral Field Used for Liquid Disposal From Kansas National Guard Maintenance Facility #11 (Manhattan). KNG.
- Starrett, Steve. 1996. KTRF, A Pesticide and Nitrogen Leaching Model Specific for Turfgrass. USGA Sponsored Research Annual Report.
- Kalita, Prasanta and Steve Starrett. 1998. Investigating the Effect of Vegetative Filter Strips on Runoff from Feedlots. KDHE project final report.

CONSULTING REPORTS

- Starrett, Steven K. 2007. Review of erosion control practices at Overland Ridge Residential Development. Kansas City, MO.
- Starrett, Steven K. 2007. Comparing Previously Existing Flood Conditions with Newly Established Flood Conditions for a Creek near Shawnee, KS.
- Starrett, Steven K. 2007. Determining Impact on Area Flooding Caused by Recently Constructed Pond. Meriden, KS.
- Starrett, Steve, Shelli Starrett, and Travis Heier, 2006. Santa Clara River 2006 Hydrology Study Using Artificial Neural Network Techniques. Ventura County, California.
- Starrett, Steven K. 2006, 2005. Evaluation of Erosion Control and Stormwater Management for Embassy Parks Residential Development. Kansas City, MO.
- Starrett, Steven K. 2005. Evaluation of Erosion Control and Stormwater Management for Zona Rosa Office Complex. Kansas City, MO.
- Starrett, Steven K. 2005. Sediment Transport Model for Lake Waukomis, MO Watershed.
- Starrett, Steven K. 2005. Evaluation of Rezoning Application and Potential Effects on Runoff. Shawnee, KS.
- Starrett, Steven K. 2005. Evaluation of Channel and Culverts for Expansion at New Century Airport, KS.

- Starrett, Steven K. 2004. Evaluation of Pebble Creek Wastewater Treatment Plant, Camden County, Missouri.
- Starrett, Steven K. 2004. Detention Facility #1 Dam Inspection, Sand Creek Watershed.
- Starrett, Steven K. 2004. Detention Facility #117 Dam Inspection, Sand Creek Watershed.
- Starrett, Steven K. 2004. Dam Breach Analysis for Six Detention Facilities in the Sand Creek Watershed.
- Starrett, Steven K. 2003. Illinois Lake Dam Inspection, Bee Creek Watershed.
- Rob Renner, P.E., Deputy Executive Director, American Water Works Assoc. (AWWA); Carl Nuzman, P.E., P.Hg., Consulting Engineer/Hydrogeologist, Silver Lake, KS; Steve Starrett, Ph.D., P.E., Associate Professor, Kansas State University Manhattan, KS; Dave Oligschlaeger, P.E., Manager, Water Supply, Burns & McDonnell, Kansas City, MO; Joel Christensen, Manager, Water Operations, Metropolitan Utilities District, Omaha, NE; Jim Epp, Director of Water Support Services, Board of Public Utilities (BPU), Kansas City, KS; Dan Montgomery, P.E., Water Systems Director, Independence, MO; Ralph Flournoy, P.E., Sr. Environmental Engineer, EPA, Kansas City, MO. 2003. Water One (South Johnson County, Kansas) Master Plan Review.
- Starrett, Steven K. 2002. Sediment Transport Model for Houston Lake, MO Watershed.
- Starrett, Steven K. 2002. Erosion on Agricultural Field Caused by Failed Levee.
- Starrett, Steven K. 2002. Impact of Golf Cart Crossing on Upstream Flooding.
- Starrett, Steven K. 2002. Investigation of Atchison, KS Wastewater Lift Station.
- Starrett, Steven K. 2002. Flashboard Design and Operation at Bowersock Dam, Lawrence, KS.
- Starrett, Steven K. 2001. Alternatives to Current Culvert Design on City Street, Shawnee, KS.
- CONFERENCE PRESENTATIONS AND PROCEEDINGS**
- Starrett, S.K. 2007. Findings from Engineering Ethics Workshop. 3rd International Conference on Environmental Science and Technology. Houston, TX.
- Starrett, S.K. 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999. Nutrient Runoff from Colbert Hills Golf Course. United States Golf Association Golf and the Environment Workshop.
- Starrett, S.K. 2005. Glyphosate Runoff from Zoziagrass Fairways. American Chemical Society/RISE Sponsored Workshop. Invited Presentation.
- Starrett, S.K. 2005, 2004, 2003, 2002. Pesticide Runoff from Colbert Hills Golf Course. United States Golf Association Golf and the Environment Workshop.
- Starrett, S.K. and T. J. Heier. 2003. Using SWMM to Model Sediment Runoff from a Golf Course. Annual Environmental and Water Resources Institute (EWRI) Conference.
- Starrett, S.K. and A. Bhandari. (T. Roberts presented). 2003. Getting Freshman Interested in Civil Engineering. Regional ASCE Conference. Rolla, MO.

- Starrett, Steve, Yunsheng Su. 2002. Nutrient and Sediment Runoff Study on a Watershed with Golf Course Development. Annual Environmental and Water Resources Institute (EWRI) Conference.
- Starrett, Steve, Yunsheng Su. 2002. Nutrient and Sediment Runoff from a Golf Course. Abstract published. American Society of Agronomy Annual Meeting. Indianapolis, Indiana.
- Steve Starrett, Steve Yunsheng Su, and Travis Heier. 2002. Time of Concentration Calibration for a Small Watershed. Annual Environmental and Water Resources Institute (EWRI) Conference. Roanoke, Virginia.
- Starrett, Steve, Sai P. Kakuturu, Victoria Felker, James Wagner, Zinia Zannatul, and Shawn Hutchinson. 2002. Using GIS To Investigate Water Allocations and Critical Habitat for Endangered Species. Annual Environmental and Water Resources Institute (EWRI) Conference. Roanoke, Virginia.
- Thien, Steve, Steve Starrett, Robert Robel, Dave Gourlay, and Patrick Shea. 2001. A New Environmental Evaluation Method for Golf Courses. *World Water and Environmental Resources Congress*. ASCE – EWRI. Orlando, Florida.
- Starrett, Steve, Peter Glashagel, Sam Mryyan, and Lin Wang. 2001. Investigating Sedgwick County Kansas Water Quality Trends Using GIS. *World Water and Environmental Resources Congress*. ASCE – EWRI. Orlando, Florida.
- Keaton, M.R., P.K. Kalita, J.P. Harner, and S.K. Starrett. 1998. Evaluation of Vegetative Filter Strips for Nutrient Removal from Feedlot Runoff. ASAE Conference Paper # 98-2014.
- Starrett, S.K. 1998. KTURF. Abstract published. American Society of Agronomists Annual Conference. Baltimore, Maryland.
- Starrett, S.K., N.E. Christians, and T.Al Austin. 1995. Leaching of Pesticides Applied to Turfgrass. Abstract published. 12th Annual Kansas Water Conference. Manhattan, Kansas.
- Starrett, S.K., N.E. Christians, and T.Al Austin. 1994. Effects of Golf Course Management on Pesticide and Fertilizer Fate. International Conference & Exposition on Marinas, Parks & Recreation Developments. Sponsored by the American Society of Civil Engineering (ASCE). Milwaukee, Wisconsin. pp. 526-533.
- Starrett, S.K., N.E. Christians, and T. Al Austin. 1994. Fate Of ¹⁵N-Labeled Urea Applied To Turfgrass Covered Undisturbed Soil Columns. Abstract published. American Society of Agronomy Annual Meeting. Seattle, Washington.
- Luke, S.E., S.K. Starrett, N.E. Christians, and T.Al Austin. 1993. Comparing Solute Transport in Undisturbed and Disturbed Soil Columns under Turfgrass Conditions. Abstract published. American Society of Agronomy Annual Meeting. Cincinnati, Ohio.
- Shea, P. J., G.L. Horst, N.E. Christians, D.R. Miller, S.K. Starrett, and C.L. Stuefer-Powell. 1993. Two Years of Monitoring Pesticide Fate in Established Turfgrass. Abstract published. American Society of Agronomy Annual Meeting. Cincinnati, Ohio.
- Starrett, S.K., N.E. Christians, T.Al Austin, and A.M. Blackmer. 1992. Nitrogen Transport Characteristics in Undisturbed and Disturbed Soil Columns. Abstract published, American Society of Agronomy Annual Meeting. Minneapolis, Minnesota.

Horst, G.L., N.E. Christians, P. J. Shea, C.L. Stuefer-Powell, D. R. Miller, and S.K. Starrett. 1992. Monitoring the Fate of Four Pesticides in Established Turfgrass. Abstract published, American Society of Agronomy Annual Meeting. Minneapolis, Minnesota.

Starrett, S.K., N.E. Christians, T. Al Austin, and A.M. Blackmer. 1991. Fertilizer Fate in Turfgrasses Managed Under Golf Course Conditions in the Midwestern Region. Abstract published, American Society of Agronomy Annual Meeting. Denver, Colorado.

INVITED PRESENTATIONS

Lead Instructor, 2008 Engineering Ethics Workshop, American Academy of Water Resources Engineers, Honolulu, HI

Starrett, S.K. 2008. Engineering Ethics. Industrial Engineering Department. Kansas State University.

Lead Instructor, 2007 Engineering Ethics Workshop, American Academy of Water Resources Engineers, Tampa Bay, FL

Starrett, S.K. 2008. Engineering Ethics. County of Ventura, California.

Starrett, S.K. 2007. Engineering Ethics Topics. Mechanical Engineering Department. Kansas State University.

Starrett, S.K. 2007. How Faculty Can Promote High Ethical Conduct in Research Labs. Society of Research Administrators Midwest Conference. Kansas City, MO.

Starrett, S.K. 2007. Methods to Reduce Siltation. Kansas Dam Safety Conference. Division of Water Resources, Kansas Department of Agriculture. Topeka, KS.

Starrett, S.K. 2006. Engineering Ethics Topics. Mechanical Engineering Department. Kansas State University.

Starrett, S.K. 2006. Engineering Ethics Case Study Workshop. Graduate Seminar, Civil Engineering Department. Kansas State University.

Starrett, S. K. 2006. Using Artificial Neural Networks to Estimate Missing Peakflows for Santa Clara River Watershed. Water Resources Engineering Graduate Seminar. University of Southern California.

Starrett, S.K. 2005. What an expert can expect in a deposition. Agronomy Society of America. Salt Lake City, UT.

Starrett, S.K. 2005. Glyphosate runoff from Golf Courses. RISE and American Chemical Society, Washington, DC.

Starrett, S.K. 2005. Pesticide and Nutrient Runoff Research. United States Golf Association Golf and the Environment Workshop. Minneapolis, MN.

Starrett, S.K. 2004. Engineering Ethics Topics. Mechanical Engineering Department. Kansas State University.

Starrett, S.K. 2004. Nutrient Runoff from Managed Turfgrass. 54th Annual Kansas Turfgrass Conference.

- Starrett, S.K. 2004. Engineering Ethics and the Challenger Disaster. Mechanical Engineering Department. Kansas State University.
- Starrett, S.K. 2004. Pesticide and Nutrient Runoff Research. United States Golf Association Golf and the Environment Workshop. Baltimore, MD.
- Starrett, S.K. 2004. Dam Safety Issues. ASCE student chapter. Kansas State University.
- Starrett, S.K. 2003. Golf and the Environment Research. Emporia Rotary Club.
- Starrett, S.K. and T.J. Heier. 2003. Watershed Modeling. Lake Wakomis, MO.
- Starrett, S.K. 2003. Benefits and Nuances of Faculty Performing Consulting. Engineering Licensure Topics Important to Engineering Faculty of Kansas Workshop. Manhattan.
- Starrett, S.K. 2003. Engineering Ethics Workshop. 2003 keynote speaker at the Annual ASCE student chapter meeting on engineering ethics. Kansas State University.
- Starrett, S.K. 2003. Engineering Ethics Workshop. Industrial Engineering Graduate Seminar. Kansas State University.
- Starrett, S.K. 2002. Golf and the Environment Research. Presented to leaders from Western Michigan University.
- Starrett, S.K. 2002. Engineering Ethics Workshop. Electrical Power Engineering Graduate Seminar. Kansas State University.
- Starrett, S.K. 2001. Colbert Hills Research. Golf and the Environment Workshop. Wichita State University.
- Starrett, S.K. 2001. KTURF, Pesticide and Nutrient Leaching Model for Golf Courses, and, Golf and the Environment Research at Kansas State University. Horticulture Dept., Iowa State University.
- Starrett, S.K. 2001. Engineering and Science Summer Institute for teachers. Golf and the Environment Research. Kansas State University.
- Starrett, S.K. 2001. Determining Environmental Quality of a Golf Course. Presidio Trust. San Francisco.
- Starrett, S.K. 2001. Sediment Transport Modeling for Golf Course Construction. Civil and Construction Engg. Dept., Iowa State University.
- Starrett, S.K. Sept. 2001. Water Quality Protection for Golf Courses. Kansas chapter of American Planners Association. Manhattan, KS.
- Starrett, S.K. 2000. Golf and the Environment Research at Kansas State University. University of Wisconsin – Madison.
- Starrett, S.K. 2000. Impacts of a Golf Course on Surface Water Quality. University of Missouri – Rolla.

SESSIONS / WORKSHOPS ORGANIZED, OTHER ACTIVITIES

- Starrett, S.K. 2007. Conference Chair. 3rd International Conference on Environmental Science and Technology. Sponsored by American Academy of Sciences. Houston, Texas.

- Starrett, S.K. 2007. Watershed Planning. 8-hr workshop provided at annual Golf Course Superintendents Association of America meetings. Orlando, FL
- Lyon, William and S.K. Starrett. 2006. Conference co-Chairs. 2nd International Conference on Environmental Science and Technology. Sponsored by American Academy of Sciences. Houston, Texas.
- Starrett, S.K. 2005. Co-Chair for the Non-Point Source Pollution Session at the First International Conference On Environmental Science And Technology, New Orleans.
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PERSONAL INFORMATION

Born on May 28th, 1967 in Branson, MO.
Married (Shelli) for 21 yrs; three children (Carrie 17, William 16, Luke 5).
Member of Faith Evangelical Free Church. Manhattan, KS.
Main hobbies: golf, hunting, fishing, table tennis, and bluegrass music.