

Jae-Young Ko

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<http://scholar.google.com/citations?user=IYaFzIUAAAAJ&hl=en>

EDUCATION

PhD in Environmental Science State, University of New York, College of Environmental Science and Forestry (SUNY-ESF), Syracuse, New York. 2000.

M.A. in Political Science, Syracuse University, Syracuse, New York. 1994.

M.A. in Public Administration, Hankuk University of Foreign Studies, Seoul, Korea. 1987.

B.A. in Public Administration (minor: economics), Hankuk University of Foreign Studies, Seoul, Korea. 1983.

ACADEMIC APPOINTMENTS

2013-Present: Associate Professor, Dept. of Public Policy and Administration, Jackson State University (JSU), Jackson, Mississippi (Tenure granted on April 2019)

2005-2013: Assistant Professor, Dept. of Marine Sciences, Texas A&M University at Galveston (TAMUG), Galveston, Texas.

2008-2013: Participating faculty, MARB-IDP (Interdisciplinary Graduate Program in Marine Biology), Texas A&M University.

2000-2005: Postdoctoral Researcher, Coastal Ecology Institute, Louisiana State University (LSU), Baton Rouge, Louisiana (Supervisor: Dr. John W. Day).

1998-2000: Research Associate, Coastal Ecology Institute, Louisiana State University, Baton Rouge, Louisiana (Supervisor: Dr. John W. Day).

HONORS & AWARDS

2016 Mississippi Research Consortium (MRC) on Coastal management and resilience (\$2,000)

2016 JSU College of Public Service, Teacher of the Year Award for 2015-2016

2016 JSU Creative Award (\$5,000)

2015 JSU Summer Research Fund (\$3,000)

2011 President's Meritorious Service Award for Outstanding Classroom Teaching, Texas A&M at Galveston

2010 Service Award, Texas A&M at Galveston

2005 Team Achievement for the Completion of the Louisiana Coastal Area (LCA), Louisiana Ecosystem Restoration Study, presented by the U.S. Army Corps of Engineers and the State of Louisiana, Louisiana State University

RESEARCH EXPERIENCE

Research Interests

In general, my research interests are in:

1. Environmental and energy policy
2. Human dimension of natural ecosystem management, including common pool resources
3. Community development
4. Urban management/urban services
5. Coastal management

Peer Reviewed Publication

(* Denotes student)

(H-index: 11; 902 citations in total; Times cited per publication in bracket; by the Google Scholar, as of January 17, 2020)

35. **Ko, J.-Y.** 2018. Challenges of Black farmers in the United States. *Online Journal of Rural and Urban Research* (In press)
34. **Ko, J.-Y.** 2018. An examination of minority farming in Louisiana. *Online Journal of Rural and Urban Research* (In press)
33. Hunter, R.G, J.W. Day, R.R. Lane, G.P. Shaffer, J.N. Day, W.H. Conner, J. M. Rybczyk, J. Mistich, **J.-Y. Ko.** 2018. Using natural wetlands for municipal effluent assimilation: a half-century of experience for the Mississippi River Delta and surrounding environs. pp. 15-81. In Nagabhatla, N., and C. D. Metcalfe (Eds.). *Multifunctional Wetlands: Pollution Abatement by Natural and Constructed Wetlands*. Springer. [13 time]
32. Monroe-Lax, D.*, and **J.-Y. Ko.** 2017. Economic determinant analysis of student academic performance in Mississippi public Schools. *Journal of Public Management and Social Policy*. 24(1), Article 4. <http://digitalscholarship.tsu.edu/jpmssp/vol24/iss1/4/> [1 time]
31. **Ko, J.-Y.**, J. W. Day, J. Wilkins, J. B. Haywood*, and R. R. Lane. 2017. Challenges in collaborative governance for coastal restoration: Lessons from the Caernarvon river diversion in Louisiana. *Coastal Management* 45(2): 125-142. [6 time]
30. **Ko, J.-Y.**, and J. W. Day. 2016. Complying the EPA regulation of wastewater treatment utilizing ecosystem services of natural wetlands as a component of wastewater treatment system in economically depressed communities in Mississippi. *Online Journal of Rural and Urban Research* 6(1): 1- 4. [1 time]
29. Brown, R.*, and **J.-Y. Ko.** 2016. A correlation analysis of poverty with race, education, and economic well-being in Mississippi, and policy alternatives. *Online Journal of Rural and Urban Research* 6(1): 64-72.
28. Proctor, J.* and **J.-Y. Ko.** 2016. Food insecurity in the South: A case study of food desert and community-based solution in Hattiesburg, Mississippi. *Online Journal of Rural and Urban Research* 6(1): 74-85.

27. Thompson, J.*, and **J.-Y. Ko**. 2016. A comparative assessment of green economy growth among five State capital cities and policy recommendations in the United States. *Online Journal of Rural and Urban Research* 6(1): 15-31.
26. **Ko, J.-Y.**, J. W. Day, R. R. Lane, R. Hunter, D. Sabins, K. L. Pintado, and J. Franklin. 2012. Policy adoption of ecosystem services for a sustainable community: a case study of wetland assimilation using natural wetlands in Breau Bridge, Louisiana. *Ecological Engineering* 38:114-118. [10 times]
25. **Ko, J.-Y.**, and G.A. Jones. 2011. A comparative analysis of abalone harvest records between Jeju, Korea and California, USA, using the common property framework. *Journal of Shellfish Research* 30(2): 522-522.
24. **Ko, J.-Y.**, G. A. Jones, M.-S. Heo, Y.-S. Kang*, and S.-H. Kang*. 2010. A fifty-year production and economic assessment of common property-based management of marine living common Resources: a case study for the women divers communities in Jeju, South Korea. *Marine Policy* 34:624-634. [9 times]
23. Brantley, C. G., J. W. Day, R. R. Lane, E. Hyfield, J. N. Day, and **J.-Y. Ko**. 2008. Primary production, nutrient dynamics, and accretion of a coastal freshwater forested wetland assimilation system in Louisiana. *Ecological Engineering* 34:7-22. [53 times]
22. **Ko, J.-Y.**. 2007. An explanation for South Korean experience in economic development, pp.127-141. In Leclerc, G., and C. A. S. Hall (Eds.). *Making World Development Work: Scientific Alternatives to Neoclassical Economic Theory*. University of New Mexico Press, Albuquerque, New Mexico. [1 time]
21. Hall, C. A. S. and **J.-Y. Ko**. 2007. The myth of efficiency through market economics: a biophysical analysis of tropical economies. pp.90-103. In Leclerc, G., and C. A. S. Hall. (Eds.). *Making World Development Work: Scientific Alternatives to Neoclassical Economic Theory*. University of New Mexico Press, Albuquerque, New Mexico. [2 times]
20. Day, J. W., J. Barras, E. Clairain, J. Johnston, D. Justic, G. P. Kemp, **J.-Y. Ko**, R. R. Lane, W. Mitsch, G. Steyer, P. Templet, and A. Yanez-Arancibia. 2005. Implications of global climatic change and energy cost and availability for the restoration of the Mississippi delta. *Ecological Engineering* 24:253-265. [157 times]
19. Hall, C. A. S. and **J.-Y. Ko**. 2005. The myth of efficiency through market economics: a biophysical analysis of tropical economies, especially with respect to energy, forest and water. pp. 40-58. In Bonell, M., and L.A. Bruijnzeel (Eds.). *Forests, Water and People in the Humid Tropics: Past, Present and Future Hydrological Research for Integrated Land and Water Management*. Cambridge University Press. Cambridge, UK. 944 pp. [15 times]
18. Hall, C. A. S., and **J.-Y. Ko**. 2005. Energy and international development: a systems approach to economic development. pp. 73-90. In Ortega, E., and S. Ulgiati (Eds.). *Proceedings of 4th Biennial International Workshop: Advances in Energy Studies: Energy-Ecology issues in Latin America*. Grafica da Universiduel Estadual de Campinas, SP, Brazil. [2 time]
17. **Ko, J.-Y.**, J. W. Day, R. R. Lane, and J. N. Day. 2004. A comparative evaluation of money-based and energy-based cost-benefit analyses of tertiary municipal wastewater treatment using forested wetlands vs. sand filtration in Louisiana. *Ecological Economics* 49:331-347. [76 times]

16. **Ko, J.-Y.**, and J. W. Day. 2004. A review of ecological impacts of oil and gas development on coastal ecosystems in the Mississippi Delta. *Ocean & Coastal Management* 47:597-623. [131 times]
15. **Ko, J.-Y.**, and J. W. Day. 2004. Wetlands: Impacts of energy development in wetlands: the Mississippi delta. Encyclopedia of Energy (Editor-in-Chief: C. Cleveland). Elsevier. Vol. 6: 397-408. [7 times]
14. **Ko, J.-Y.**, J. W. Day, and et al. 2004. The impacts of oil and gas activities on coastal wetland loss in the Mississippi Delta. pp. 957-977. In Caso, M., I. Pisanty, and E. Ezcurra (Eds.). Environmental Diagnosis of the Gulf of Mexico. Mexican National Institute of Ecology, Mexico City, Mexico. (Published in Spanish; translated into English version by Withers, K., and M. Nipper (Eds.) 2008. Environmental Analysis of the Gulf of Mexico. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University at Corpus Christi. Special Publication Series No.1, <http://www.harteresearchinstitute.org/whats-news/books>, pp.608-621). [3 time]
13. Day, J. W., **J.-Y. Ko**, J. Rybczyk, D. Sabins, R. Bean, G. Berthelot, C. Brantley, L. Cardoch, W. Conner, J. N. Day, A.J. Englande, S. Feagley, E. Hyfield, R. Lane, J. Lindsey, J. Mistich, E. Reyes, and R. Twilley. 2004. The use of wetlands in the Mississippi Delta for wastewater assimilation: a review. *Ocean & Coastal Management* 47:671-691. [152 times]
12. Day, J. W., P. Templet, **J.-Y. Ko**, et al. 2004. The Mississippi Delta: system functioning, environmental impacts, and sustainable Management. pp. 851-880. In Caso, M., I. Pisanty, and E. Ezcurra (Eds.). Environmental Diagnosis of the Gulf of Mexico. Mexican National Institute of Ecology, Mexico City, Mexico. Vol.2. (published in Spanish; translated into English version by Withers, K., and M. Nipper (Eds.) 2008. Environmental Analysis of the Gulf of Mexico. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University at Corpus Christi. Special Publication Series, <http://www.harteresearchinstitute.org/whats-news/books>, pp.533-553.) [4 times]
11. **Ko, J.-Y.**, and John W. Day. 2003. A comparative energy analysis of utilizing natural wetlands for municipal wastewater treatment in Breau Bridge, Louisiana. pp 481-489. In Ulgiati, S., M. Brown, M. Giampietro, R.A. Herendeen, and K. Mayumi (Eds.). Advances in Energy Studies: Reconsidering the Importance of Energy. Servizi Grafici Editoriali (SGE), Padova, Italy.
10. **Ko, J.-Y.**, and C. A. S. Hall. 2003. The correlation between GDP and both energy use and emergy use. pp. 51-59. In Brown, M.T., H. T. Odum, D. Tilley, and S. Ulgiati (Eds.). EMERGY SYNTHESIS: Theory and Applications of the Emergy Methodology. Center for Environmental Policy, University of Florida, Gainesville, Florida. [7 times]
9. Day, J. W., A. Yanez-Arancibia, W. Mitsch, A. Laura Lara-Dominguez, J. N. Day, **J.-Y. Ko**, R. R. Lane, J. Lindsey, and D. Zarate Lomeli. 2003. Using ecotechnology to address water quality and wetland habitat loss problems in the Mississippi basin: a hierarchical approach. *Biotechnology Advances* 22:135-159. [111 times]
8. Day, J. W., **J.-Y. Ko**, J. Cable, J.N. Day, B. Fry, E. Hyfield, D. Justic, P. Kemp, R. Lane, H. Jashriqui, E. Reyes, S. Rick, G. Snedden, E. Swenson, P. Templet, R. Twilley, K. Wheelock, and B. Wissel. 2003. PULSES: The importance of pulsed physical events for Louisiana floodplains and watershed management. pp.693-699. In Renard, K.G., McElroy, S.A., Gburek, W.J., Canfield, H.E., and Scott, R.L. (Eds.). First Interagency Conference on Research in the Watersheds. U.S. Dept. of Agriculture, Agricultural Research Center, Tucson, Arizona. [15 times]

7. Kroeger, T., P. J. Tharaken, **J.-Y. Ko**, and C. A. S. Hall. 2001. The relation between energy intensity and sectoral composition of the economy: evidence from around the world. pp. 75-83. In Ulgiati, S., M. Brown, M. Giampietro, R.A. Herendeen, and K. Mayumi (Eds.). *Advances in Energy Studies: Exploring Supplies, Constraints and Strategies*. Servizi Grafici Editoriali (SGE), Padova, Italy.
6. **Ko, J.-Y.**, J. F. Martin, J. W. Day. 2000. Embodied energy and emergy analysis of wastewater treatment using wetlands. pp. 197-210. In Brown, M., S. Brandt-Williams, D. Tilley, and S. Ulgiati (Eds.). *EMERGY SYNTHESIS: Theory and Applications of the Emergy Methodology*. Center for Environmental Policy, University of Florida, Gainesville, Florida. [2 times]
5. Hall, C. A. S., J. Vargas, W. Ravenscroft, **J.-Y. Ko**, and O. Saenz. 2000. Data about sustainability: time series analysis of population, land use, economics, energy and efficiency for Costa Rica. pp. 91-120. In Hall, C.A.S., G. Leclerc, C. Leon, and P. Van Laake (Eds.). *Quantifying Sustainable Development: The Future of Tropical Economics*. Academic Press. San Diego, California. 761pp. [1 time].
4. **Ko, J.-Y.**, C. A. S. Hall, and L. G. Lopez Lemus. 1998. Resource use rates and efficiency as indicators of regional sustainability: an examination of five countries. *Environmental Monitoring and Assessment* 51:571-593 [55 times].
3. **Ko, J.-Y.**, and Y.-J. Cha. 1998. An analysis of the U.S. environmental policy: a typology of environmental problems for government action. *International Area Review* 1(2): 133-146. (The journal is now renamed as *International Area Studies Review*.)
2. Hall, C. A.S., **J.-Y. Ko**, C.-L. Lee, and H.-Q. Wang. 1998. Ricardo Lives: The inverse relation of resource exploitation intensity to efficiency, and its relation to the myth of sustainable development. pp. 355-370. In Ulgiati, S., M. Brown, M. Giampietro, R.A. Herendeen, and K. Mayumi (Eds.). *Advances in Energy Studies: Energy Flows in Ecology and Economy*. MUSIS, Rome, Italy. [11 times]
1. Hall, C. A.S., R. G. Pontius, Jr., L. Coleman, and **J.-Y. Ko**. 1994. The environmental consequences of having a baby in the United States. *Population and Environment* 15: 505-523). [43 times] (Reprinted in 1995, in *Wild Earth*, 5(2): 78-87; *Earth Island Journal*, 10(4):19 [2 times]).

Manuscripts in Revision or Under Review

(* Denotes student)

Ko, J.-Y. and T. Coleman-Moore*. An impact evaluation of the Adoption and Safe Families Act of 1997 for the six Southeastern States of the United States. *Journal of Public Management and Social Policy* (Accepted with revision).

Manuscripts in Preparation

(* Denotes student)

Ko, J.-Y. and J. W. Day. A comparative study of adopting ecosystem services as a component of Wastewater Treatment System in Economically Depressed Communities in Mississippi and Louisiana. (Target Journal: *Journal of Management and Sustainability*)

Non-Peer Reviewed Publication

(* Denotes student)

- Ko, J.-Y.**, and J. W. Day. 2017. Policy dimension of adopting wetlands assimilation to increase the NPDES compliance rates for municipal wastewater plants in Mississippi. WRI Proceedings of the 2017 Mississippi Water Resources Conference. Mississippi State University, Starkville, MS., P.74
- McDavitt, L.*, F. Black*, M. Grant*, and **J.-Y. Ko**. 2015. Addressing Teen Birth in Southern Urban Communities. The 2014 NAAAS & Affiliates Special Events Monograph, Scarborough, ME, pp. 284-299.
- Ko, J.-Y.**, and A. Armitage. 2011. Annotated Bibliography of Valuation of Ecosystem services for the Estuarine Environment. 2nd Ed. Prepared for Texas Sea Grant College Program, College Station, Texas.
- Ko, J.-Y.**, W. Merrell, M. Hastings, N. Ekstrom*, E. Shelton*. 2007. Defining ecosystem services of Galveston bay and corresponding appropriate valuation methods. In The proceedings of the Eighth biennial state of the bay symposium, Galveston Bay Estuary Program, Webster, Texas.
- Ko, J.-Y.**. 2007. The Economic Value of Ecosystem Services Provided by the Galveston Bay/Estuary System (project report). Prepared for Texas Commission on Environmental Quality, Galveston Bay Estuary Program, Webster, Texas. [1 time]
- Ko, J.-Y.**, N. Eckstrom*, and E. Shelton*. 2007. Annotated Bibliography of Valuation of Ecosystem services for the Estuarine Environment. Prepared for the Galveston Bay Estuary Program, Webster, Texas. [2 times]
- Day, J. W., **J.-Y. Ko**, and R. R. Lane. 2003. Nitrogen farming demonstration project: Louisiana Coastal Zone Case Study. In Nitrogen Farming Pilot Projects-White Paper-Draft. The Wetlands Initiative, Chicago, Illinois.
- Day, J. W., and **J.-Y. Ko**. 2002. Some results from monitoring multiple aspects of the Caernarvon river diversion for spring 2001. *CoastWise* 11(2): 10-11.
- Day, J. W., R. R. Lane, and **J.-Y. Ko**. 2000. The Use of Swamp Forests Near Breau Bridge, Louisiana for the Discharge of Treated Municipal Wastewater: Monitoring the Effects of the Discharge for 1998 and 1999. Submitted to the City of Breau Bridge, Louisiana.
- Ko, J.-Y.**. 1996. Municipal solid waste policy and its implementation in the United States: focusing on Onondaga County, New York. *Report on local administration in foreign countries* 96(1): 51-76. (Seoul, Korea, in Korean).

Research Grant Participation

- Ko, J.-Y.**, S. Murray, and C. Crittle. 2020. Impacts and implications of service delivery to senior citizens suffering food insecurity in the Central Mississippi region (Amount requested: \$49,890; Project Period: March 2020 – August 2021; Under review).

- Ko, J.-Y.** 2018. Minority Farmers in the Vortex of Agricultural Globalization: Food Insecurity and In-state Migration of Black Farmers in Mississippi. National Endowment for the Humanities (Amount requested: \$10,000; Project Period: June 2019-July 2019; not funded).
- Gilleylen, J., G. Billingsley, **J.-Y. Ko**, E. Stokes, and T. Thomas. 2017. An impact of the Agricultural Act of 2014 on Mississippi's Socially Disadvantaged Farmers and Ranchers. Submitted to US Dept. of Agriculture through Alcorn State University (Amount awarded: \$171, 600; Project Period: June 2017 – June 2018; **PI** for the state of Louisiana)
- Ko, J.-Y.**, and M. Crump. 2017. Creating Sustainable Entrepreneurship Among Minorities in the Gulf Coast Region in Mississippi. Submitted to US Dept. of Commerce, Minority Business Development Agency (\$181,199; not funded).
- Phelan, A. et al. **Ko, J.-Y.** 2017. Statement of Qualification (SOQ) for Habitat Restoration and Conservation in Turkey Creek Project. Submitted to Mississippi Dept. of Environmental Quality. (developed with Pickering Firm, in MS; my contribution is related to community engagement; not funded).
- Gilleylen, J., ...**J.-Y. Ko**. 2016. Dwight David Eisenhower transportation fellowship application. Submitted to US Dept. of Transportation, Federal Highway Administration (\$115,763; not funded).
- Gilleylen, J., S. Murray, **J.-Y. Ko**, and A. Hines. 2015. Brownfields area planning project. Submitted to Mississippi Conference of Black Mayors (Amount requested: \$98,330; not funded).
- Ko, J.-Y.**, and A. Armitage. 2007. A comparative study of market and non-market valuations for selected ecosystem services of Galveston Bay. Submitted to Texas Sea Grant College Program (Amount awarded: \$59,983; Project period: February 2008 - January 2010)
- Ko, J.-Y.** 2006. Studies related to the economic value of ecosystem services provided by the Galveston Bay/Estuary system. Submitted to Houston Advanced Research Center and Galveston Bay Estuary Program. (Amount awarded: \$64,485; Project period: May 1, 2006 – April 15, 2007)
- Day, J. W., P. Templet, P. Kemp, and **J.-Y. Ko**. 2003. Quantifying potential conflicts and improving stakeholder support in operating a Mississippi River diversion for coastal ecosystem restoration by applying systematic information processing and multicriteria analysis. Submitted to Louisiana Sea Grant College Program (Amount awarded: \$153,969; Project period: February 2004 - January 2006).
- Reyes, E., J. W. Day, **J.-Y. Ko**, and S. S. Hoppner. 2003. Restoration assessment of a forested watershed using a regional modeling approach. Submitted to Louisiana Governor's Office of Coastal Activities (GOCA). (Amount awarded: \$168,989; Project period: October 2003 – October 2005).
- Day, J. W. (PI), et al. 2002. Conceptual ecological models for planning and evaluating the Louisiana coastal area (LCA) restoration plan. Submitted to University of Louisiana at Lafayette (Original sponsor: Louisiana Department of Natural Resources; Amount awarded: \$331,656; Project period: July 1, 2002- June 30, 2003).
- Day, J. W, and **J.-Y. Ko**. 2001. Development of a framework for the analysis of feedbacks and linkages between functioning and management of the Louisiana coastal zone and the broader ecological and economic system. Submitted to Louisiana Sea Grant College Program (Amount awarded: \$97,736; Project period: February 2002 - January 2004; NOAA Grant No. NA16RG2249).

- Reyes, E. and **J.-Y. Ko**. 2000. Using the Western Bays Landscape Model (WBLM) to simulate sediments and suspended sediment distribution in the Vermilion and Cote Blanche Bays under the Jetty and Reef scenarios. Submitted to US Army Corps of Engineering, New Orleans District (Amount awarded: \$6,160; Project Period: November 2000 - February 2001).
- Day, John W. (PI), et al. 1999. PULSES-the Importance of pulsed physical events for watershed sustainability in coastal Louisiana. Submitted to Water & Watersheds Program of the EPA grant (Co-sponsors: NSF and USDA; EPA Grant Number: R828009; Amount awarded: \$899,995; Project Period: February 2000 - February 2003).
- Ko, J.-Y.** 1995. Municipal solid waste management in the United States- focusing on Onondaga County, New York. Submitted to the Korea Local Authorities Foundation for International Relations, Seoul, Korea (Amount Awarded: \$736).

Invited Presentations Since 2010

2017. "Dr. Ko's research works with students for the State of Mississippi" The Showcasing Excellence @ JSU's Downtown Campus. Jackson, Mississippi. July 19.
2016. "Potentials of wetlands assimilation for the communities lacking the NPDES compliance." The COCO kickoff meeting of Mississippi Conference of Black Mayors, Jackson, Mississippi, April 13 2016.
2016. "Sustainable community development for the Mississippi Delta region in Mississippi by adopting ecosystem services as policy tools." Faculty Research Seminar, JSU Dept. of Public Policy and Administration, April 7.
2015. "A review and its potential of common property-based management for sustainable coastal marine living resources." Faculty Research Seminar, JSU Dept. of Public Policy and Administration, March 30.
2015. "Challenges in developing and implementing coastal protection projects against increasing sea level rise: a case study of the Carnarvon river diversion in Louisiana." The 3rd Annual HBCU Student Climate Change Conference. Dillard University, New Orleans, Louisiana, March 26-29.
2014. "Challenges in implementing outputs of collaborative planning for coastal restoration: Lessons from operation of the Carnarvon river diversion in Louisiana." JSU Public Policy and Administration Program, Brown Bag Seminar. March 21.
2013. "Challenges in applying policy tools for sustainable coastal resource management: valuation of ecosystem service and common property-based management." Dept. of Environmental Studies, University of North Carolina at Wilmington, Wilmington, North Carolina. February 14.
2013. "Trends, challenges and prospects of municipal solid waste management in the US: Lessons from a case study of Syracuse, NY." Dept. of Geography & Environmental Studies, Northeastern Illinois University, Chicago, Illinois. March 11.
2012. "Policy dimension of offshore wind power development in the United States." The 4th KOEA/KSEA (Korean-American Offshore Engineers Association/Korean American Scientist

and Engineers Association) South Texas Joint Technical Seminar, Houston, Texas. February 16.

2010. "A marine policy analysis for common property-based management of marine living resources: Women divers communities in Jeju, South Korea." The Recent Advances in Marine Science Seminar Series. Texas A&M University at Galveston, September 7.

Conference Presentations Since 2010

(* Denotes student)

Ko, J.-Y. 2020. A comparative study of common property-based management in Arizona and private property-based management in Mississippi for sustainable water use. The 2020 Mississippi Water Resources Conference, Jackson, Mississippi, March 31 - April 1.

Ko, J.-Y. 2020. Employing ecosystem service for affordable options of environmental regulations in the community. Mississippi ASPA (American Society for Public Administration) Conference. Mississippi State University, Starkville, Mississippi. January 27.

Ko, J.-Y. 2019. A comparative analysis of food insecurity prevalence and community development policy as solution in the Deep South, USA. Southeastern Conference of Public Administration (SECOPA), Baton Rouge, Louisiana, September 5-7.

Ko, J.-Y. 2019. An exploratory study of introducing common property-based management for the sustainable groundwater use in Mississippi. The 2019 Mississippi Water Resources Conference, Jackson, Mississippi, April 2-3.

Ko, J.-Y. 2019. An evaluation of USDA program in Recovering Afro-American Farmers in the United States. Annual Conference of Mississippi Political Science Association (MSPSA), Hattiesburg, Mississippi, February 8-9.

Ko, J.-Y. 2018. Adopting ecosystem services for enhanced sustainable communities by wetlands assimilation of wastewater and water quality credit trading. The 2018 Mississippi Water Resources Conference, Jackson, Mississippi, April 3-4.

Ko, J.-Y. 2018. Policy implication study of locality-centered farming away from traditional cotton-farming as regional development strategy for the Mississippi Delta region in Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Jackson, Mississippi, February 9-10.

Ko, J.-Y., J.W. Day, and J. Thompson. 2017. A comparative policy study of ecosystem service utilization in designing sustainable communities between Louisiana and Mississippi. The 2nd Annual Advancing Mississippi Conference. Jackson, Mississippi, June 8.

Ko, J.-Y. and J.W. Day. 2017. Policy dimension of adopting wetlands assimilation to increase the NPDES compliance rates for municipal wastewater treatment plants in Mississippi. The 2017 Mississippi Water Resources Conference, Jackson, Mississippi, April 11-12.

Ko, J.-Y. 2016. A dual approach for valuation of wetlands assimilation: Monetary-based and energy-based cost-benefit analyses. Wetland Assimilation Workshop. Hammond, Louisiana, Oct. 25-26.

- Byrd, S.*, and **J.-Y. Ko**. 2016. An evaluation study of city-managed workforce development program in Jackson, Mississippi (“The Jobs for Jacksonians Program”) and its impact on joblessness. The 2016 Conference of Minority Public Administrators (COMPA) National Conference, Jackson, Mississippi, Feb.17-19.
- Caples A.*, **J.-Y. Ko**, and J.C. Thompson. 2016. An exploratory research to reduce barriers of the uninsured and underserved population for quality health care in Mississippi. The 2016 Conference of Minority Public Administrators (COMPA) National Conference, Jackson, Mississippi, Feb.17-19.
- Monroe-Lax, D.*, and **J.-Y. Ko**. 2016. Economic determinant analysis of student academic performance in Mississippi Public Schools. The 2016 Conference of Minority Public Administrators (COMPA) National Conference, Jackson, Mississippi, Feb.17-19.
- Bacon, L.*, and **J.-Y. Ko**. 2016. An exploratory study of utilizing critical needs teacher scholarship program as a policy tool for human capital building in Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Itta Bena, Mississippi, February 12-13.
- Proctor, J.*, and **J.-Y. Ko**. 2016. Food insecurity in the South: A case study of Hattiesburg, Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Itta Bena, Mississippi, February 12-13.
- Spann, C*., and J.-Y. Ko. 2016. Minorities and the Environment: How SR1 achieves the importance of exposing Mississippi young minorities to conservation efforts in Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Itta Bena, Mississippi, February 12-13.
- Caples A*., and **J.-Y. Ko**. 2015. Attaining the unattainable: Accessing barriers of the uninsured and underserved population for quality health care in Mississippi. The 15th Annual Conference Eliminating Health Disparities, Jackson, Mississippi, Oct 8-9.
- Ko, J.-Y.**, and J.W. Day. 2015. An exploratory study of reducing water pollution-related environmental damages and human health risks using assimilation function of wetlands in the State of Mississippi. The 12th International Symposium on Recent Advances in Environmental Health Research, Jackson, Mississippi, September 13-16.
- Ko, J.-Y.**, and J.W. Day. 2015. Challenges in Implementing Collaborative Governance for Large-Scale Ecosystem Restoration Project: A Case Study of the Carnarvon River Diversion in Louisiana. Annual conference of American Society for Public Administration (ASPA), Chicago, Illinois, March 6-10.
- Haywood, J.*, and **J.-Y., Ko**. 2015. An assessment of ruling political party role for community development in the Mississippi Delta region. Annual Conference of Mississippi Political Science Association (MSPSA), Jackson, Mississippi, February 13-14.
- Ko, J.-Y.**, and J.W. Day. 2014. Lessons for collaborative governance of coastal restoration from the Carnarvon river diversion in Louisiana. Bays & Bayous Symposium 2014, Mobile, Alabama, December 2-3.
- Ko, J.Y.** 2014. Policy dimension of employing ecosystem services for sustainable community: A case study of wetland assimilation of municipal wastewater using natural wetlands. Southeastern Conference of Public Administration (SECOPA), Atlanta, Georgia, September 17-20.

- McDavitt, L.*, F. Black*, M. Grant*, and **J.-Y. Ko**. 2014. Addressing teen birth in Southern urban communities. International Research Forum, sponsored by National Association of African American Studies & Affiliates (NAAAS), Clinton, Mississippi, April 27-May 1.
- Haywood, J., and **J.-Y. Ko**. 2014. Social media's impacts on local nonprofit organizational management: A plan for Mississippi. Southeastern Conference of Public Administration (SECOPA), Atlanta, Georgia, September 17-20.
- Ko, J.-Y.**, and J. W. Day. 2012. Money- and embodied energy-based valuations for wetlands utilization of wastewater treatment. The 9th INTECOL International Wetlands Conference. Orlando, Florida. June 3-8.
- Ko, J.-Y.**, W. Merrell, and W. Seitz. 2011. A comparative assessment of ecosystem services for Galveston Bay, Texas. The 21st Biennial Conference of the Coastal and Estuarine Research Federation. Daytona Beach, Florida. November 6-10.
- Cardenas, A.*, T. Dellapenna, and **J.-Y. Ko**. 2011. Economic valuation of Sabine Bank: sand resource versus fishery habitat. The 21st Biennial Conference of the Coastal and Estuarine Research Federation. Daytona Beach, Florida. November 6-10 (Poster).
- Ko, J.-Y.**, and G. Jones. 2011. A comparative analysis of abalone harvest records between Jeju, Korea and California, USA, using the common property framework. The 103th Annual Meeting of National Shellfisheries Association. Baltimore, Maryland. March 27-31.
- Ko, J.-Y.**, A. Parnell*, and A. R Armitage. 2010. A comparative study of money-and energy-based valuations of ecosystem services for improving water quality in Armand Bayou, Galveston Bay. The 9th Texas Sea Grant Researcher Conference. University of Texas at Austin, Marine Science Institute, Port Aransas, Texas. October 7-8.
- Ko, J.-Y.**, and C. A. S. Hall. 2010. Epistemological comparative analysis of neoclassical and biophysical economics: A valuation study of wetlands utilization of wastewater treatment using money, embodied energy, and emergy analyses. The 6th Biennial Conference: Emergy & Environmental Accounting. Gainesville, Florida. January 14-16.

TEACHING EXPERIENCE

Courses Taught

2020 Spring

PPAD 513 Intergovernmental Relations 3 credit hours. 3 students registered (Online).

Evolution of the American federal system; consideration of inter-unit cooperation and conflict; review of administrative issues like revenue-sharing, federal grants and regulations.

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 5 students registered (Online).

The legal and political problems faced by government when trying to regulate use of natural resources will be examined.

PPAD 798 Dissertation. 3 credit hours. 1 student registered.

This course is for students who are admitted to candidacy so that they may engage in the writing of the dissertation.

2019 Fall

PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 4 students registered.

This course provides students with a basic understanding of the broad field of community and economic development. It focuses on community and economic development activities carried out by the federal, state and local levels of government, as well as on the impact that the neighborhood development organization has had in this area.

PPAD 712 Urban Management and Urban Services. 3 credit hours. 6 students registered.

Students examine and analyze the methods by which local public services are designed, delivered and evaluation.

PPAD 798 Dissertation. 3 credit hours. 3 students registered.

This course is for students who are admitted to candidacy so that they may engage in the writing of the dissertation.

2019 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 8 students registered (Online)

Administrative operations in State government are reviewed with emphasis on planning research, purchasing and contracting, personnel and financial administration, reporting and public relations.

PPAD 712 Urban Management and Urban Services. 3 credit hours. 4 students registered (Online).

PPAD 798 Dissertation. 3 credit hours. 2 students registered.

2019 Spring

PPAD 513 Intergovernmental Relations 3 credit hours. 15 students registered (Online).

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 2 students registered (Online).

PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 4 students registered.

This course will cover major urban management issues, and discuss the strategies, tactics and techniques of municipal administration for the urban issues. After critical evaluations of the current managerial approaches, innovative models for approaching political issues unique to municipalities and the impacts of urbanization are discussed.

PPAD 798 Dissertation. 3 credit hours. 2 students registered.

2018 Fall

PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 2 students registered (Online)

This course will cover the basic principles of environmental policy-making processes, and discuss the contemporary aspects of environmental problems as reflected in society, politics and business that are faced by administrators. The topics to be covered in class are science and policy for environment, air, coastal management, energy, fishery, hazardous waste, land management, municipal waste, water, and international environmental issues, including climate change.

PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 4 students registered.

PPAD 712 Urban Management and Urban Services. 3 credit hours. 13 students registered.

PPAD 798 Dissertation. 3 credit hours. 1 student registered.

2018 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 6 students registered (Online)

PPAD 798 Dissertation. 3 credit hours. 2 students registered.

2018 Spring

PPAD 513 Intergovernmental Relations 3 credit hours. 18 students registered (Online).

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 4 students registered (Online).

PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 14 students registered.

PPAD 798 Dissertation. 3 credit hours. 3 students registered.

2017 Fall

PPAD 508. Advanced Quantitative Qualitative Analysis. 3 credit hours. 7 students registered (Online)

Research for public management. This course gives the students a higher level of skills in research methodology.

PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 8 students registered (Online)

PPAD 712 Urban Management and Urban Services. 3 credit hours. 16 students registered.

PPAD 798 Dissertation. 3 credit hours. 1 students registered.

2017 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 7 students registered (Online)

PPAD 712 Urban Management and Urban Services. 3 credit hours. 11 students registered (Online).

2017 Spring

PPAD 513 Intergovernmental Relations 3 credit hours. 11 students registered (Online).

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 11 students registered (Online).
PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 12 students registered.
PPAD 798 Dissertation. 3 credit hours. 1 students registered.

2016 Fall

PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 8 students registered (Online)
PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 9 students registered.
PPAD 712 Urban Management and Urban Services. 3 credit hours. 10 students registered.
PPAD 798 Dissertation. 6 credit hours. 1 student registered.

2016 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 7 students registered (Online)
PPAD 712 Urban Management and Urban Services. 3 credit hours. 11 students registered (Online).

2016 Spring

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 11 students registered (Online).
PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 5 students registered.
PPAD 798 Dissertation. 6 credit hours. 1 students registered.

2015 Fall

PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 11 students registered (Online)
PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 4 students registered.
PPAD 712 Urban Management and Urban Services. 3 credit hours. 10 students registered.
PPAD 798 Dissertation. 6 credit hours. 1 students registered.

2015 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 6 students registered. Online (hybrid).
PPAD 712 Urban Management and Urban Services. 3 credit hours. 6 students registered. Online (hybrid).

2015 Spring

PPAD 507 Quantitative Analysis. 3 credit hours. 3 students registered.

This course familiarizes students with the application of relevant research techniques to the problems of the public-sector management and policy formulations.

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 6 students registered.
PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 12 students registered.

2014 Fall

PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 3 students registered.
PPAD 559/759 Seminar in Public Policy Analysis. 3 credit hours. 6 students registered.

This course provides a general and conceptual overview of the study of public policy as a major sub-field of public administration. It is designed to emphasize the policy process and include methods and techniques of policy analysis.

PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 3 students registered.

2014 Summer

PPAD 519/719 Problems of State Administration. 3 credit hours. 5 students registered. Online (hybrid).
PPAD 712 Urban Management and Urban Services. 3 credit hours. 13 students registered. Online (hybrid).

2014 Spring

PPAD 557 Environmental Law. 3 credit hours. 2 students registered.
Federal and state regulations designed to protect the environment are reviewed.

PPAD 561 Government Regulation of Natural Resources. 3 credit hours. 2 students registered.
PPAD 586/786 Urban Problems & Non-Traditional Options. 3 credit hours. 23 students registered.

2013 Fall

PPAD 581/781. Seminar in Community & Economic Development. 3 credit hours. 14 students registered.
PPAD 560. Seminar in Politics of Environmental Administration. 3 credit hours. 5 students registered.

Graduate Students Advised for PhD & Master Degrees

As PhD Committee Chair & Dissertation Adviser

6. Tyrone Williams (In progress)

(Dissertation title: A comparative examination of commuter tax in New York City, New York; San Francisco, California; and Washington, District of Columbia for Potential Adoption in Jackson, Mississippi.)

5. Keilani Vanish (Graduation: Fall 2019)

(Dissertation title: An Evaluation study of the impacts of the Ayers Settlement on Historically Black Colleges and Universities in Mississippi)

(Current position: Comptroller, Development Foundation, Jackson State University)

4. Debra Monroe-Lax (Graduation: Fall 2018)

(Dissertation title: Effectiveness of the Disproportionate Minority Contact (DMC) Initiative: A Case Study of the S.H.A.P.E. Diversion Intervention in Public Schools in Memphis Tennessee)

(Current position: Performance Research Analysis, PEER MISSISSIPPI (Joint Legislative Committee on Performance Evaluation and Expenditure Review, Mississippi Legislature)

3. Cassandra Hawkins (Graduation: Summer 2018)

(Dissertation title: The prevalence of food insecurity in Mississippi)

(Current position: Assistant professor at Dept of Social Sciences, Mississippi Valley State University)

2. Teresa Moore (Graduation: Spring 2018)

(Dissertation title: An evaluation of the Adoption and Safe Families Act of 1997 on permanency-related outcomes for foster children in six states of the Southeastern region of the United States)

(Current position: Independent Living Specialist, Mississippi Dept. of Child Protection Services)

1. Alan Branson (Graduation: Spring 2017)

(Dissertation title: An analysis of the determinants of payday lending and bank branch locations in the State of Mississippi)

(Current position: Executive Vice President, & Chief Operating Officer at HOPE credit union, Jackson, Mississippi)

As PhD Dissertation Committee Member

DeMetra Bates (Spring 2019; Urban & Regional Planning)
Almesha Campbell (Spring 2017)
Kelsi A. Gilleylen-Huggins (Fall 2018)
Valarie Jackson (Fall 2019)
Ivan Ozherelev (Fall 2018)
Jason Pope (Fall 2016)
Christopher Roby (Spring 2020)
Jacqueline Sullivan (Fall 2018)
Kafond Wilder (Fall 2019)
Zameshia Williams (Fall 2018)

Present

Laura McDavitt, Anna Johnson

Project Advisor for Graduate Students

2019

Stephen Chisley. (PhD). The impact of racial profiling on the deaths of unarmed black males by police in the US, 2007-2017. The 2019 annual conference of Mississippi Political Science Association, Hattiesburg, Mississippi, Feb. 8-9.

Jennifer Lee. (MPPA). Increasing financial security for senior citizens with pension compliance. The 2019 annual conference of Mississippi Political Science Association, Hattiesburg, Mississippi, Feb. 8-9.

Gregory Ramsey. (PhD). Drug overdose deaths: An impact analysis of the prescription drug monitoring program on opioid abuse in Mississippi. The 2019 annual conference of Mississippi Political Science Association, Hattiesburg, Mississippi, Feb. 8-9.

2018

Symone Bounds (PhD). An Analysis of the Effect of Training on the Reduction of Inconsistencies in the State of Mississippi Small Purchase Card Program. The 2018 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 9-10. Recipient of the Best Graduate Student Research Award.

Denita Jones (PhD). Assessing the need for mental health aftercare for juvenile offenders. The 2018 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 9-10.

Wendy Mahoney (PhD). Teen Dating Violence: An Analysis of Ninth Grade Students' Pre-Post Test at Jackson Public Schools' Forest Hill High School. The 2018 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 9-10.

Shelia M. Malone (MPPA). Improving Healthcare Delivery to Rural Mississippians. The 2018 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 9-10.

Adrieme Walker (PhD). Arizona versus Mississippi: An Investigation of the Impact of Women Legislators on Public Policy that Relates to Women Issues. The 2018 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 9-10.

2017

Debra Monroe-Lax (PhD). Economic determinant analysis of student academic performance in Mississippi public schools. The 2017 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 10-11. Recipient of the Best Graduate Student Research Award.

Ida Patterson (PhD). A look at economic development in the port city of Greenville, MS: reality or

fallacy. The 2017 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 10-11.

Gregory Davis (PhD). Economic and social factor analysis of urban blight in the city of Jackson, Mississippi. The 2017 annual conference of Mississippi Political Science Association, Jackson, Mississippi, Feb. 10-11.

2016

Alan Branson (PhD), LaTonya Curley (PhD), Jennifer Hicks-McGowan (PhD) and Christopher Roby (PhD). An assessment of payday lending practices in the Metro-Jackson Area, Mississippi, and potential policy responses. *Online Journal of Rural and Urban Research* 6(1): 38-48.

Sheryl Bacon (PhD). 2016. Human capital enhancement in the depressed communities by utilizing the teacher loan forgiveness program in Mississippi. *Online Journal of Rural and Urban Research* 6(1): 5-10.

Cedric Coates (MPPA). 2016. Challenges in securing financial resources on aging infrastructure in Jackson, Mississippi. *Online Journal of Rural and Urban Research* 6(1): 11-14.

Lolita Bolden (PhD). 2016. An impact analysis of shared use agreement between school districts and communities in controlling childhood obesity in the State of Mississippi. The 2016 Conference of Minority Public Administrators (COMPA) National Conference, Jackson, MS, Feb.17-19.

Alla J. Frank (MPPA). 2016. Choices and challenges of urban development in Memphis, TN. Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Itta Bena, Mississippi, February 12-13.

Christopher Roby (PhD). 2016. Effectiveness analysis of the popular opinion leader intervention on reducing HIV rates in the Jackson MSA. Mississippi. Annual Conference of Mississippi Political Science Association (MSPSA), Itta Bena, Mississippi, February 12-13.

2015

Christina Spann (MPPA) presented an impact statement on Smoking Ban in the county for the Hinds County Board of Supervisors Meeting. April 20th.

LaTonya Curley (PhD) presented an impact statement on the County Detention Center for the Hinds County Board of Supervisors Meeting. April 20th.

Cedric Coates (MPPA) published his essay ("Can Jackson Bounce Back?") as a guest columnist for the leading newspaper in Mississippi, The Clarion-Ledger on December 23, 2015.

2014

Alan Branson (PhD), Chris Roby (PhD), Jennifer Hicks-McGowan (PhD), and Latonya Curley (PhD). 2014. An assessment of Payday lending in Jackson (MS). Southeastern Conference of Public Administration (SECOPA), Atlanta, Georgia, September 17-20.

James Thompson (MPPA). 2014. A comparative growth assessment of the creation of green economies for five State capital cities and policy recommendations for the said growth. The Southeastern Conference of Public Administration (SECOPA 2014), Atlanta, GA, September 17-20. (Recipient of the Robert L. Kline Award, the best research paper for master's student).

Laura McDavitt* (PhD) published her essay ("Jackson needs leader who will unify city) as a letter-to-editor for the leading newspaper in Mississippi, The Clarion-Ledger on March 27, 2014.

SERVICE ACTIVITIES

Professional Services

Academic Society

On ASPA (American Society for Public Administration)

Session chair for the annual conference of American Society for Public Administration (ASPA) 2015.
Chicago, Illinois, Mar. 6-10, 2015.

Board/Council member, Mississippi Chapter of the American Society of Public Administration (ASPA),
2018-2020.

President-Elect, Mississippi Chapter of the American Society of Public Administration (ASPA), 2020-
2021.

Session chair for the Mississippi ASPA (American Society for Public Administration) Conference.
Mississippi State University, Starkville, Mississippi. January 27, 2020.

On MSPSA (Mississippi Political Science Association)

President, Mississippi Political Science Association (MSPSA) for 2017-2018.

Vice-President/Secretary, MSPSA for 2016-2017.

Board Member-At-Large, MSPSA for 2019-2020.

Conference program director for the annual MSPSA Conference. Jackson, MS. Feb. 10-11, 2017.

Session chair and discussant for the annual MSPSA conference. Hattiesburg, MS. Feb. 8-9, 2019.

Session chair and discussant for the annual MSPSA conference. Jackson, MS. Feb. 9-10, 2018.

Session chair and discussant for the annual MSPSA conference. Itta Bena, MS. Feb. 12-13, 2016.

Session chair and discussant for the annual MSPSA conference. Jackson, MS. Feb. 13-14, 2015.

On Other Conferences

Member, Local Host Planning Committee for the 2016 Conference of Minority Public Administrators
(COMPA) National Conference, Jackson, MS, Feb.17-19, 2016.

Session chair for the 21st Biennial Conference of the Coastal and Estuarine Research Federation (CERF).
Daytona Beach, Florida, Nov 6-10, 2011.

On Professional Journals

As Editorial Board Member

Member of Editorial Board, Journal of Fisheries Business Administration (in Korea): 2016-Present.

Co-editor for the Section of Social Policy in Global Encyclopedia of Public Administration and Public
Policy (Chief-in-Editor: A. Farazmand,). Springer, 2018.

As Article Reviewer

Ecological Economics, Environmental Modelling & Software, Proceedings of the Emergy conference,
Ocean & Coastal Management, Reviews in Ecological Economics, Sustainability, Wetland, Journal of
Fisheries Business Administration (in Korea), Coastal Management

As Proposal Reviewer

Gulf Coast Ecosystem Restoration Council-Restore (year: 2014)

NSF-CREST (year: 2010, 2011)

NSF-BCS (year: 2014)

Louisiana Board of Regents, Research and Development Program (year: 2009)

Professional Society Affiliations

- American Society for Public Administration (ASPA) (2014-Present)
- American Society for Public Administration (ASPA)- Mississippi Chapter (2014-Present)
- Association for Public Policy Analysis and Management (APPAM) (2010- 2014)
- Coalition to Restore Coastal Louisiana (CRCL) (2004-2011)
- Coastal & Estuarine Research Federation (2005-2013)
- International Society for Ecological Economics (1997-2014)
- International Society for the Advancement of Emergy Research (ISAER) (2010-Present)
- Korean-American Scientists and Engineers Association (KSEA) (2011-2014)
- Korean Society of Fisheries Business Administration (KSFBA) (2016-Present)
- KSEA-South Texas (2011-2014)
- Mississippi Political Science Association (MSPSA) (2015-Present)
- United States Society for Ecological Economics (2000-2014)

Academic Services

At Jackson State University

At university level

- Hosting the annual conference of Mississippi Political Science Association at JSU, Feb. 10-11, 2017.
- Planning committee member for the JSU Innovation Month for 2016.
- Symposium organizer, 'Innovative Approaches to Community Development in Mississippi' Nov 10, 2016.

At college level

- Committee member for Scholarship committee for 2018-2019
- Faculty Marshall for the 2017 Fall Commencement
- Standard Bearers of the College of Public Service for the Founders' Day Convocation, Oct. 19, 2017.
- College Representative for the JSU Faculty Personnel Committee for 2016-2017
- Standard Bearers of the College of Public Service for the 2014 Spring Commencement
- Committee member for Distance Learning and Implementation Team for 2017-2018
- Committee member for Scholarship committee for 2018-2019

At department level

- Advisor for the PPAD student organization (2017-2019)
- A committee member for the department curriculum committee
- PPAD dept. website coordinator (2014-Present)
- PPAD dept. Facebook webpage manager (2016 - Present)
- Program organizer for the JSU Public Policy Student Symposium
 - Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Fall 2016, Spring 2017, Fall 2017, Spring 2018
- Program organizer and Moderator of Workshop on how-to-attend conferences & on how-to-publish.

April 6, 2016.

- Committee member, 5-year Roadmap/Strategic Dept. development committee. Spring 2016.
- Committee member, PhD student admission committee for the Fall 2016.
- Committee member, A faculty search committee, Fall 2014, Spring 2015.
- Committee member, A curriculum committee (2013-Present)
- Host for invited lecture speakers. Feb. 2014, Oct. 2014, Feb. 2015.
- Co-editor for the annual newsletter of the PPAD program, Spring 2014.

Public Services/Outreach Activities

- Invited Speaker, (title: Potentials of wetlands assimilation for the communities lacking the NPDES compliance). Mississippi Conference of Black Mayors. Jackson, Mississippi, April 13, 2016.
- Panelist, Healthy Community Development Policy Forum, Jackson, Mississippi, Nov 17, 2015.
- Judge, 2015 Saints Classic Speech and Debate Tournament, Ridgeland, Mississippi. October 17, 2015.
- A member of the Galveston Bay Council (Monitoring and Research Subcommittee) (2006-2013).
- Judge, National Ocean Science Bowl Finals Competition, Texas A&M at Galveston, April 29-May 1, 2011.
- Judge, Galveston County Science and Engineering Fair, Galveston, Texas (2007 – 2012).
- Judge, Louisiana Science and Engineering Fair, Baton Rouge, Louisiana (2004-2005).
- Judge, Capital District Science Fair, Baton Rouge, Louisiana. Feb. 28, 2003.

Media Coverage

2010

- Jang, Kong-Nam. On the women divers in Jeju (Ko et al. 2010). Jemin Ilbo, Jeju, Korea (<http://www.jemin.com>). Feb. 16.
- Laursen, Wendy. Korea: Jeju diving women in decline. Baird Maritime News (an online news site in Australia; <http://www.bairdmaritime.com>). March 2.
- Park, Gil-Hong. On the women divers in Jeju (Ko et al. 2010). News Jeju, Jeju, Korea (<http://www.newsjeju.net>). Feb. 16.

2003

- Ouder, Paula. When money isn't the only bottom line. Coast & Sea vol.11 (1): 8-11.
- Ouder, Paula. Going global. Coast & Sea vol. 11(1):12-13.
(Coast & Sea is a quarterly journal published by Louisiana Sea Grant)

REFERENCES

References available upon request.

Updated March 02, 2020