**Publications**

1. **Pandey, P.K.**, Pasternack, G. B., Majumdar, M., Soupir, M.L., Kaiser, M. S. (2015) A neighborhood statistics model for predicting stream pathogen indicator levels. *Environment Monitoring and Assessment* 187:124.
2. **Pandey, P.**K., Lejeune, M., Biswas, S., Morash, D., Weimer, B., Young, G. (2015). A new method for converting foodwaste into pathogen free soil amendment for enhancing agricultural sustainability. *Journal of Cleaner Production* (accepted).
3. **Pandey, P.K.,** Soupir, M.L., Ikenberry, C., Rehmann, C.R. (2015) Predicting streambed sediment and water column *E. coli* levels at watershed scale. *Journal of the American Water Resources Association* (acceptance under revision)
4. Vaddella, V.K., Pitesky, M., Cao, W. Shi, J., Govinthasamy, **Pandey, P.K.** (2015) Assessing Salmonella Typhimurium Persistence in Poultry Carcasses Under Multiple Thermal Conditions Consistent with Composting and Wet Rendering. *Poultry Science* (acceptance under revision).
5. Biswas, S., **Pandey, P.K.** (2015) Assessing inactivation of *Salmonella* in dairy wastewater at varying thermal conditions. Journal of water management modelling (acceptance under revision).
6. Biswas, S., **Pandey, P.K.** (2015). *Escherichia coli, Salmonella* and *L. monocytogenes* decay in dairy manure digestions. *Bioprocess Biosystem Engineering* (acceptance under revision)
7. Cao, W., Vaddella, V., Biswas, S., **Pandey, P.K.** (2015) Assessing the changes in *E. coli* levels and C/N ratio in vermicomposting of food waste under lab and field scale conditions (under revision).
8. Biswas, S., **Pandey, P.K.** (2015) Persistency of Salmonella during dairy manure compost at different sampling events and thermal conditions. 2015 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting Paper (paper number: 152189185)
9. Vaddella, V.K., **Pandey, P.K.,** Cao, W., Shi, J. (2015) *Salmonella Typhimurium* LT 2 Decay in poultry carcasses during thermophilic digestion. 2015 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting Paper (paper number: 152185384). July 26-29, 2015, New Orleans, Louisiana.
10. Shi, J., **Pandey, P.K.,** Deng, H.P. (2015) Nutrient removal and biomass production by integration of Chlorella Vulgaris cultivation with dairy lagoon wastewater treatment. Presentation during 5th International conference on Algal Biomass, Biofuels & Bio products. 7-10 June, 2015, San Diego, California.
11. **Pandey, P.K.,** Biswas S., Lejeune, M., Morash. D., Weimer, B., Young, G. (2015) Assessing pathogen challenge in foodwaste biofertilizers. Presentation during Second Annual Knowledge Foundation Meeting Rapid Detection for Food Safety. June 22-23, 2015, Bethesda, Maryland.
12. **Pandey, P.K.,** Biswas, S., Lejeune, M., Morash, D., Weimer, B., Young, G. (2015) Assessing pathogen inactivation in organic biofertilizers from foodwaste. Presentation during 2015 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting. July 26-29, 2015, New Orleans, Louisiana.
13. **Pandey, P.K,** Cao, W., Vaddella, V.K., Shi, J. (2015) Predicting *Salmonella* decay in poultry carcasses. Presentation during 2015 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting. July 26-29, 2015, New Orleans, Louisiana.
14. **Pandey, P.K.,** Cao, W., Vaddella, V., Pitesky, M. (2015) Comparative assessment of *Salmonella* inactivation and pH changes in poultry carcasses at composting and mesophilic temperature. Presentation during 5th International Symposium on Managing Animal Mortality, Products, By Products, and Associated Health Risks. September 28-October 1, 2015, Lancaster, Pennsylvania.
15. **Pandey, P.K.** (2015)Watershed modelling for predicting in-stream pathogen levels. Presentation during at International Conference on Water Management Modelling, February 25-26, 2015, Toronto, Ontario, Canada.
16. **Pandey, P.**K. (2015) Microbial water and food safety. Presentation during University of California ANR Program Team Meetings, March 17-19, 2015, Davis, California.
17. **Pandey, P.K**., Soupir, M. L. (2014) Assessing linkages between *E. coli* levels in streambed sediment and overlying water in an agricultural watershed in Iowa during the first heavy rain event of the season. Transaction of the ASABE 57 (6): 1571-1581.
18. **Pandey, P.K.**, Biswas, S., Vaddella V.K., Soupir, M.L. (2014) *E. coli* persistence kinetics in dairy manure at moderate, mesophilic, and thermophilic temperature under aerobic and anaerobic environments. *Bioprocess Biosystem Engineering* 38:457-467.
19. **Pandey, P.K.,** Kass, P. H., Soupir, M. L., Biswas, S., Singh, V. P. (2014) Contamination of water resources by pathogenic bacteria. *AMB Express* 4:51.
20. **Pandey, P. K.**, Sethi, L. N., Pholane, L. P., Panda, S. N., Pandey, V. P., Biswas, S., Soupir, M. (2014) Growth performance and economic analysis of Indian Major Carps and Tilapia in Rainwater Ponds. *Fishery Technology* 51:71-77.
21. **Pandey, P. K.,** Biswas, S. (2014) Modelling crop land soil moisture and impacts of supplemental irrigation in a rainfed region of Bangladesh. *Journal of Agricultural Chemistry and Environment*. 3:16-19.
22. **Pandey, P.K.**, Panda, S.N., Pandey, V.K. (2014) Comparative rainwater harvesting potential assessment in north-central Texas, US and West Bengal, India in farm-scale reservoirs. Proceedings Paper of International conference on hydrology and watershed management ICHWAM- 2014. October 29-2 November, 2014, Hyderabad, India. pp 1 – 8
23. **Pandey, P.K**. (2014) Assessment of Rainwater Harvesting Potential in Jordan. Proceedings paper of 7th Jordan International Chemical Engineering (JICHE07) Conference. 4 – 6 November, 2014, Amman, Jordan. pp 42-48.
24. Vaddella, V., **Pandey, P**., Biswas S., David Lewis (2014) Assessment of pathogen levels in stream water column and bed sediment of Merced River Watershed in California. Presentation during American Geophysical Union (AGU) Fall Meeting, December 15 – 19, 2014, San Francisco, California.
25. **Pandey, P**, Biswas S., Souza, A., Silva-del-Rio, N., Vaddella, V., Castillo, A. (2014). Assessing pathogen levels in dairy lagoon wastewater and potential evaporation losses. Presentation during American Geophysical Union (AGU) Fall Meeting, December 15 – 19, 2014, San Francisco, California.
26. Biswas, S., **Pandey, P**., Castillo, A., Vaddella, V. (2014) Pathogen inactivation in liquid dairy manure during anaerobic and aerobic digestions. Presentation during American Geophysical Union (AGU) Fall Meeting, December 15 – 19, 2014, San Francisco, California.
27. **Pandey PK.** Controlling pathogens in dairy farms liquid slurry and solid waste for water and food security in California. Presentation during Agricultural and Environmental Sciences (AES) Cooperative Extension (CE) Conference, January 31, 2014, University of California, Davis, California.
28. **Pandey PK**, Pitesky M. (2014) Controlling pathogens in carcasses. Presentation during California Egg Quality Assurance Program General Meeting, 15 September, 2014, Ontario, California.
29. **Pandey PK**, Pitesky M. (2014) Improving composting efficacies for controlling carcasses attached pathogen. Presentation on April 18, 2014 at California Department of Food and Agriculture (CDFA), Sacramento, California.
30. **Pandey, P. K. (2014)** Rainwater harvesting modelling for simulating supplemental irrigation requirement and rainwater harvesting potential in rainfed regions. Presentation during American Society of Agricultural Engineering (ASABE) International Annual Conference, July 13–16, 2014, Montreal, Canada.
31. **Pandey, P. K.**, Soupir M.L. (2014) Assessing the impacts of climate seasonality on water borne pathogen levels. Presentation during 2014 American Water Resources Association (AWRA) Summer Specialty Conference on Integrated Water Resources Management: From theory to application, June 30–July 2, 2014, Reno, Nevada.
32. **Pandey, P. K.**, Soupir, M. L. (2014) GIS based neighborhood structures model for a spatial assessment of pathogen indicator in stream water column. Presentation during 2014 American Water Resources Association (AWRA) Spring Specialty Conference on GIS and Water Resources VIII: Data to Decisions, May 12–14, 2014, Salt Lake City, Utah.
33. **Pandey, P.K.**, Biswas, S. (2014) Modeling crop land soil moisture and impacts of supplemental irrigation in a rainfed region of Bangladesh. Presentation during 2014 Agricultural Science and Food Engineering Conference, January 12–14, 2014, Shenzhen, China.
34. **Pandey, P. K.** (2014) Controlling pathogens in dairy farms liquid slurry and solid waste for water and food security in California. Presentation during Agricultural and Environmental Sciences (AES) Cooperative Extension (CE) Conference, January 31, 2014, University of California, Davis, California.
35. **Pandey, P.K.**, Soupir, M. L., Ikenberry, C. (2014) Modeling animal waste pathogen transport from agricultural land to streams. Presentation during IOP Conference Series: Earth Environment Science, December 22–25, 2013, Jakarta, Indonesia.
36. **Pandey, P. K.**, Soupir, M. L**.** (2013)Assessing the impacts of *E. coli* laden streambed sediment on *E. coli* loads over a range of flows and sediment characteristics. *Journal of the American Water Resources Association* 49:1261-1269.
37. **Pandey, P. K.**, van der Zaag, P., Soupir, M. L., Singh, V. P. (2013) A new model for simulating supplemental irrigation and hydro-economic potential of a rainwater harvesting system in humid subtropical climates. *Water Resources Management* 27:3145-3164.
38. **Pandey, P. K.**, Soupir, M. L. (2013) Assessing dairy manure pathogen indicator inactivation under anaerobic and aerobic digestions in mesophilic temperature. Proceedings paper of IEEE International Conference on Bioinformatics and Biomedicine, December 18–21, 2013, Tongji University, Shanghai, China.
39. **Pandey P. K.,** Soupir, M. L. (2013) In-stream E. coli modeling. Presentation during American Geophysical Union (AGU) Fall Meeting, December 9–13, 2013, San Francisco, California.
40. **Pandey, P. K.** (2013) Controlling animal waste pathogens in California’s Central Valley. Presentation during Conference on Animal Waste Pathogens and Environmental Concern in California, December 2, 2013, University of California, Davis, California.
41. **Pandey, P.**K., van der Zaag, P., Soupir, M. L. (2013) Predicting rainwater harvesting potential for supplemental irrigation to crops. Presentation during Joint Water and Environmental Horticulture Program Team Meeting, November 12 – 14, 2013, Davis, California.
42. **Pandey, P.K.**, Soupir, M. L. (2013) Hydrological model for predicting bacteria loads from non-point sources at watershed scale. Presentation during 2013 Water for Mega Cities: Challenges and Solutions (International Specialty Conference, American Water Resources Association (AWRA)), September 16–18, 2013, Beijing, China.
43. **Pandey, P. K.** (2013) Assessing hydro-economic benefits of rainwater harvesting system under dry and wet conditions in rainfed agriculture. Proceedings of 35th International Association for Hydro-Environment Engineering and Research (IAHR) World Congress, September 8–13, 2013, Chengdu, China.
44. **Pandey, P.K.**, Soupir, M.L. Rebecca Purvis, Joshua Litwiller (2013) Assessing relationships between in-stream, bed sediment, and bank soil *E. coli* levels during storm events. Presentation during American Society of Agricultural Engineering (ASABE) International Annual Conference, July 21–24, 2013, Kansas City, Missouri.
45. **Pandey, P.K.**, Soupir, M. L. (2013) In-stream E. coli concentrations during storm flows. Presentation during American Water Association 2013 Spring Specialty Conference, March 25–27, 2013, St. Louis, Missouri.
46. **Pandey, P.**K., van der Zaag, P., Soupir, M., Singh, V.P., Pandey, P.K. (2013) Modelling rainwater harvesting potential and supplemental irrigation requirement of rainfed crops. Proceedings of 6th International Perspective on Water Resources & the Environment Conference, January7 – 9, 2013. American Society of Civil Engineers (ASCE) (Paper ID:129).
47. **Pandey, P.K.,** Soupir, M.L. (2012) Assessing waste streams potential on bioenergy production and efficacy of anaerobic digestion in pathogen reduction in dairy waste. Presentation during European Science Foundation (ESF) Research Conference: Towards a Sustainable Bio-Based Society, December 6–7, 2012, Amsterdam, The Netherlands.
48. **Pandey, P.K.**, Soupir, M. L., Rehmann C. R. (2012) Predicting resuspension of *Escherichia coli* from streambed sediments. *Water Research* 46:115-126.
49. **Pandey, P. K.**, Soupir, M. L., Haddad, M., Rothwell, J. (2012) Assessing impacts of watershed indices and precipitation on in-stream *E. coli* concentrations. *Ecological Indicator* 23:641-652.
50. **Pandey, P. K.,** Soupir, M. L. (2012) A new method to estimate the variation of average hourly global solar radiation on horizontal surface. *Atmospheric Research* 114:83-90.
51. **Pandey, P. K.,** Soupir, M. L. (2012) Impacts of temperatures on biogas production in dairy manure anaerobic digestions. *International Journal of Engineering and Technology* 4:629-631.
52. **Pandey, P.K.,** Soupir, M.L. (2012) In-stream microbial contamination – a modeling perspective. Presentation during 5th Water Contamination Emergencies International Conference: managing the threats. November 19–21, 2012, Mülheim-an-der-Ruhr, Germany.
53. **Pandey, P. K.,** Soupir, M.L., Ikenberry, C., Rehmann, C.R., Jha, M.K. (2012) Improving in-stream pathogen predictions using Soil and Water Assessment Tool (SWAT) model. Presentation during American Society of Agriculture Engineering (ASABE) Annual International Conference, July 29–August 1, 2012, Dallas, Texas.
54. **Pandey, P.K.,** Soupir, M. L., van der Zaag, Pieter, Singh, V.P., Panda, S.N., Pandey, V.K. (2012) Predicting rainwater harvesting potential for rainfed areas. Presentation during American Society of Agriculture Engineering (ASABE) Annual International Conference, July 29–August 1, 2012, Dallas, Texas.
55. **Pandey, P.K.,** Soupir, M.L., van der Zaag, P., Singh, V.P. (2012) Rainwater harvesting for rainfed agriculture. Presentation during the Consortium of Universities for the Advancement of Hydrologic Sciences (CUAHSI) 3rd Biennial Colloquium on hydrologic Science and Engineering, July 16–18, 2012, Boulder, Colorado.
56. **Pandey, P.K.,** Soupir, M.L., van der Zaag, P. (2012) Predicting rainwater harvesting impacts on the blue water, green water, and rainfed agriculture. Presentation during 2012 Water for Food International Conference: Blue Water, Green Water and the Future of Agriculture, May 30–June 1, 2012, Lincoln, Nebraska.
57. **Pandey, P.K.,** Soupir, M.L., Haddad, M., Rothwell, J.J. (2012) Assessing the impacts of watershed indexes and precipitation on spatial in-stream *E. coli* concentrations. Presentation during 2012 American Water Resources Association (AWRA) Spring Specialty Conference - GIS & Water Resources VII, March 26–28, 2012. New Orleans, Louisiana.
58. **Pandey, P.K.,** Soupir, M.L. (2012) Pathogen contamination in stream water. Presentation during World Congress on Biotechnology, May 4–6, 2012, Hyderabad, India.
59. **Pandey, P. K.**, Soupir, M. L. (2011) *Escherichia coli* inactivation kinetics in anaerobic digestion of dairy manure under moderate, mesophilic and thermophilic temperatures. *AMB Express* 1(1):18.
60. **Pandey, P. K.,** Ndegwa, P. M., Soupir, M. L**.,** Alldredge, J.R., Pitts, M. (2011) Efficacies of inocula on the startup of anaerobic reactors treating dairy manure under stirred and unstirred conditions. *Biomass and Bioenergy* 35:2705-2720.
61. **Pandey, P. K.**, Soupir, M. L., Singh, V. P., Panda, S. N. (2011) Modeling rainwater storage in distributed reservoir systems in humid subtropical and tropical savannah regions. *Water Resources Management* 25:3091-3111.
62. **Pandey, P.K.**, Soupir, M.L. (2011) Impacts of temperature on biogas production in dairy manure anaerobic digestion. International Conference on Power and Energy Systems, June 10–12, 2011, Chengdu, People’s Republic of China.
63. **Pandey, P.K.,** Soupir, M.L., Majumder, M., Kaiser, M.S. (2011) Prediction of stream water *Escherichia coli* concentrations. Presentation during 19th Annual Conference of the Computational Fluid Dynamics (CFD) Society of Canada, April 27–29, 2011, Montreal, Canada.
64. **Pandey, P.K.,** van der Zaag, P., Soupir, M.L., Singh, V.P., Panda, S.N. (2011) Predicting rainwater harvesting potential in field-scale reservoir systems for supplemental irrigation to crops. Presentation during 2011 Water for Food Conference: Paths to Solutions, May 1–4, 2011, Lincoln, Nebraska. (poster)
65. **Pandey, P.K.,** M.L. Soupir, P. van der Zaag (2011) Modeling rainwater harvesting in on-farm reservoirs. Presentation during 2011 Iowa Water Conference: More Water to Manage, March 7, 2011, Ames, Iowa.
66. **Pandey, P. K.,** Ndegwa, P. M., Alldredge, J. R., Pitts, M., Soupir, M. L**.** (2010) Modeling effects of granules on the start-up of anaerobic digestion of dairy wastewater with Langmuir and extended Freundlich equations. *Bioprocess and Biosystems Engineering* 33:833-845.
67. **Pandey, P.K.,** Soupir, M.L., Rehmann C.R. (2010) Modeling in-stream bacteria dynamics. Presentation during 2010 Annual International Conference of American Society of Agricultural and Biological Engineering, June 20–23, Pittsburgh, Pennsylvania.
68. Zaher U, **Pandey, P. K.,** Chen, S. (2009) A simple elemental continuity based model application to study the anaerobic microbial activity for the dairy manure treatment. *Applied Mathematical Modelling* 33: 3553-3564.)
69. **Pandey, P.K.,** Soupir, M.L., Ndegwa P.M. (2009) Distribution of microbial community in dairy manure applied to agricultural land. Presentation during 2009 Annual International Conference of American Society of Agricultural and Biological Engineering, June 21–25, Reno, Nevada.
70. Soupir, M.L**.**, Zwonitzer, M.R., Hoang, T.T.T., McDaniel, R.L., **Pandey, P.K.** (2009) Fate and transport of microorganisms from agricultural landscapes. Presentation during China-America Frontiers of Engineering Symposium (National Academy of Engineering), October 17–21, 2009, Changsha, Hunan Province, China.
71. Zaher, U., Frear C., **Pandey, P. K.**, Chen, S. (2008) Evaluation of a new fixed-bed digester design utilizing large media for flush dairy manure treatment. *Bioresource Technology* 99 (18):8619-8625.
72. **Pandey, P.K.**, Panda, S.N. (2008) Rainwater harvesting in grassland and savanna region. Presentation during Joint Conference Between Texas Society for Ecological Restoration (TXSER) and Native Prairies Associate of Texas (NPAT), August 8–10, 2008, Fort Davis, Texas.
73. Zaher U**.**, **Pandey P.K.**, Chen S. (2007) A simple model to simulate the anaerobic digestion process and estimate the potential nutrient recovery from biosolids. Presentation during 2007 American Society of Agriculture Engineering (ASABE) Annual International Conference, June 17–20, 2007, Minneapolis, Minnesota.
74. **Pandey, P. K.,** Panda, S. N. Panigrahi, B. (2006) Sizing of on-farm reservoir for crop fish integration in rainfed farming systems in eastern India. *Biosystems Engineering* 93:475-489.
75. Zaher U., **Pandey P.K.**, Rongping L., Frear, C. and Chen S. (2006) An innovative model-based approach to plan anaerobic digester startup and operation. Presentation during Pacific Northwest Clean Water Association Conference, October 1–4, 2006, Coeur d’Alene, Idaho.
76. **Pandey, P. K.,** Panda, S.N., and Pholane, L. P. (2005) Economic evaluation of rainwater harvesting in on-farm reservoirs for the integrated farming system — a sustainable approach for small farmers. *Journal of Environment and Ecology* 23:671-675.
77. **Pandey, P.K.**, Panda, S.N., Pholane, L.P. (2005) Modeling for Maximizing Precipitation Utilization in Rainfed Agricultural in Eastern India. Proceeding of International Conference on Eco-restoration. *Bulletin of the National Instituted of Ecology* 16:113-120.
78. **Pandey, P.K.,** Soupir, M.L., Rehmann, C.R. (2012) Improving SWAT for developing TMDLs for bacteria – model development and validation (EPA R7 Final Report X7-97703701-0). Iowa State University, Ames, USA.
79. Frear, C., Yorgey G.G., Liao, W., Ewing, T., Bishop, C., Shumway, R., Chen, S., Zaher, U., Li, R., **Pandey, P.K.,** MacConnell, C., Zhao, Q., Zhang, T., Bowers, K., Harrison, J., Jiang, A., Leonhardt, E., Collins, H., Streubel, J., Granatstein, D., Kruger, C., Alva, A., Fransen, S., Wang, Z., Ma, J., Li, C., Yu, L. (2010) Anaerobic Digestion. Climate Friendly Farming Final Report (CSANR Research Report 2010 – 001). Washington State University, Pullman, USA.
80. Zaher, U., Li, R., **Pandey,** **P. K,** Ewing, T., Frear, C., Chen, S. (2010) Development of Co-Digestion Software Models to Assist in Plant Design and Co-Digestion Operation. Climate Friendly Farming Final Report (CSANR Research Report 2010 – 001). Washington State University, Pullman, USA.
81. **Pandey, P.K.**, Bhattacharya, D. (2003). Biogas Technology in India- a review report submitted to Asia-Pacific Biogas Research and Training Centre, Ministry of Agriculture (MOA) of the People Republic of China.
82. **Pandey, P.K.,** Bhattacharya D. (2005) Annual progress reports of National Project for Biogas Development submitted to Ministry of Non-Conventional Energy Sources (MNES), Government of India, New Delhi, India.
83. **Pandey, P.K.,** Bhattacharya D. (2004) Annual progress reports of National Project for Biogas Development submitted to Ministry of Non-Conventional Energy Sources (MNES), Government of India, New Delhi, India.
84. **Pandey, P.K.,** Bhattacharya D. (2003) Annual progress reports of National Project for Biogas Development submitted to Ministry of Non-Conventional Energy Sources (MNES), Government of India, New Delhi, India.
85. **Pandey, P.K.,** Bhattacharya D. (2005) Annual survey reports of National Project for Biogas Development submitted to Ministry of Non-conventional Energy Sources (MNES), Government of India, New Delhi, India.
86. **Pandey, P.K.,** Bhattacharya D. (2004) Annual survey reports of National Project for Biogas Development submitted to Ministry of Non-conventional Energy Sources (MNES), Government of India, New Delhi, India.
87. **Pandey, P.K.,** Bhattacharya D. (2003) Annual survey reports of National Project for Biogas Development submitted to Ministry of Non-conventional Energy Sources (MNES), Government of India, New Delhi, India.
88. **Pandey, P.K.**, Panda, S.N., Mitra, A. (2003) Modeling of on-farm reservoir for development of integrated rice-fish system in dry land agriculture. World Aquaculture Society international Conference, September 22–25, 2003, Bangkok, Thailand.
89. **Pandey, P.K.**, Bhattacharya, D., Pandel, U. (2003) Risk in exploration of biogas technology: Prospects and unutilized potential in rural energy development**.** International Conference on Energy and Environmental Technologies for Sustainable Development, October 8–10, 2003, Jaipur, India.
90. **Pandey, P.K.**, Panda, S.N.(2003) Design of on-farm reservoir for rice-fish integration in rainfed ecosystem. International Conference on Water and Environment, December 15–18, 2003, Bhopal, India.
91. **Pandey, P.K.**, Panda, S.N., Pholane, L.P.(2003) Modeling for maximizing precipitation utilization in rainfed agricultural in eastern India. International Conference on Eco-Restoration, October 14–21, 2003, Dehradun, India.
92. **Pandey, P.K.**, Pateria, R.N., Nigam, P.C. (2002) Energy audit of Jakhi village. Indian Society of Agriculture Engineering Annual Conference, January 28–30, 2001, Kharagpur, India.

**Encyclopedia Book Chapter**

**Pandey, P.K.**, Soupir, M.L**.** (2012) Non-point source pollution. Berkshire Encyclopedia of Sustainability: Ecosystem Management and Sustainability. Berkshire Publishing Group. LLC, Great Barrington, MA, USA

**Text Book**

**Pandey, P.K**., Bhattacharya, D. (2005) Biogas Engineering – basic concepts of biotechnology and biochemical engineering for waste treatment. Biogas Center, Chemical Engineering, Indian Institute of Technology, Kharagpur, India (Language English, Published by Indian Institute of Technology, Kharagpur, India).