

## BIBLIOGRAPHY

1. Ayers R. S. and Westcot D. W, 1985, Water Quality for Agriculture, FAO Irrigation and Drainage Paper 29 Rev. 1, FAO Publications Division, Rome, Italy
2. Barua A. K., 2001, Water Technology Management - Challenges and Choices, Dominant Publishers and Distributors, pp 293-294, New Delhi, India
3. Baubinas A. K. and Vlodavets V. V., 1979, "Hygienic Assessment of the Method of Sewage Spraying for Agricultural Irrigation", *Gigiena i Sanitariya*, No. 4, 18-21 (In Russian, English Summary, pp 21)
4. Bhardwaj R. M., Trivedi R.C., Sengupta B. and Biswas D, 2001, Wastewater Management in Twenty First Century - A Gigantic Task, Proc. of the Workshop on Use of Treated Wastewater and Sludge for Agriculture in South Asia, Pune, India, Sr. No. 6, Group No. 4
5. Birdie G. S., 1998, Water Supply and Sanitary Engineering, Dhanpat Rai Publishing Company (P) Ltd., New Delhi, India
6. Black Steve A., Graveland David N., Nicholaichuk Wally, Smith Daniel W., Tobin Richard S., Webber Melvin D. and Bridle Trevor R., 1989, Manual for Land Application of Treated Municipal Wastewater and Sludge, Environmental Protection Programs, Canada
7. Bole J. B. and Bell R. G., 1978, "Land Application of Municipal Sewage Wastewater in Canada: Yield and Chemical Composition of Forage Crops", *Journal of Environment Quality*, 7, No. 2, pp 222-226
8. Bors Gary W., 1984 "Effluent Disposal and Wastewater Recycling In Southeast Florida", Proc. of Southeast Workshop on Composting and Land Application
9. Bouwer Herman, and Idelovitch Emanuel, 1987, "Reuse of Wastewater - Quality Requirements for Irrigation with Sewage Water", *Journal of Irrigation and Drainage Engineering*, ASCE, Vol. 113, No. 4, pp 516-535

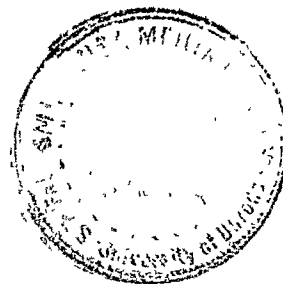
10. Cairncross S., 1991, Guidelines for the Safe Use of Wastewater and Excreta in Agriculture and Aquaculture", WHO, Geneva, Switzerland
11. Cooper Robert C., 1977, "Health Considerations in Use of Tertiary Effluents", Journal of the Environmental Division, Proceedings of ASCE, Vol. 103, No. EE1, pp 37-47
12. Crook James, 1978, "Health aspect of water reuse in California", Paper 13928, Journal of the Environmental Engineering Division, Proceedings of ASCE, Vol. 104, No. EE4, August, pp 601-610
13. Day A. D., Wilson J. R. and Katterman F. R., 1984, "Bermuda grass Grown with Municipal Wastewater", BioCycle, May-June, pp 38-39
14. Day A. D. and Cluff C. B., 1985, "Municipal Wastewater increases Crop Yields", BioCycle, pp 48-49
15. English John N., 1976, "Water Reclamation and Reuse in the county of Maui, Hawaii" Literature Review, Journal WPCF, pp 1078-1080
16. Feachem Richard, McGarry Michael and Mara Dunean, 1978, "Public Health Considerations in Wastewater and Excreta Re-Use for Agriculture", Water, Wastes and Health in Hot Climates, English Language Book Society and John Willy & Sons, 19, pp 364-381
17. Gleason III T. L., Smith JR J. E. and Page A. L., 1984, "Utilization of Municipal Wastewater and Sludge On Land", BioCycle, May-June, pp 26-30
18. Gori R. and Lubello C., 2000, "Pilot Plant for Reclaimed Wastewater Reuse in Nurseries", Water Science and Technology, Vol. 42, No. 1-2, pp 221-226
19. Gohil M. B., 2000, Land Treatment of Waste Water, New Age International (P) Ltd. Publishers, New Delhi, pp 71-103
20. Gupta I.C., 2001, "New Concepts and Criteria for Reuse of Treated Wastewater in Agriculture", Proc. of First Workshop on "Reuse of Treated Wastewater and Sludge for Agriculture in South Asia", December, pp 1-10

21. Hu Xiandeng and Pigram John, 2001, "Computer-Aided Design of Effluent Irrigation", *Environmental Modeling & Software*, 16, pp 47-52
22. Jain C. K. And Ram Daya, 1997 "Impact of Sewage Waste Application on Soil Strata", *Indian Journal of Environmental Protection*, Vol 17 No. 7, July, pp 490-495
23. Kaul S. N., Mahajan A. U. and Nandy T., 1999, "Water and Wastewater: Treatment, recycle and reuse in India", *Journal IAEM*, Vol. 27, pp 74-90
24. Lau L. S., 1979 "Water Reuse from Sewage Effluent by Irrigation: A Perspective for Hawaii", *Water Resources Bulletin*, 15, No. 3, pp 740-752
25. Lazarova V., Cirelli G., Jeffrey P., Salgot M., Icekson N., and Brissaud F., 2000 "Enhancement of Integrated Water Management and Water Reuse in Europe and the Middle East" *Water Science and Technology*, Vol. 42, No. 1-2, pp 193-202
26. Lo K. V., 1975, "An Experimental and Simulation Study of Waste Effluent Filtration through Soil", Thesis, University of Massachusetts, pp 186, Amherst, Massachusetts, USA
27. Mara D. and Cairncross S., 1991, *Guidelines for The Safe Use of Wastewater and Excreta in Agriculture and Aquaculture*, pp. 7-8, WHO, Geneva, Switzerland
28. Mohole A. D., Bathe T. S. and Jodi V. K., 1996, "A Futuristic Perspective Plan for Water Resources Development Vis-A-Vis the Agricultural Requirements", *Journal of Indian Water Resources*, Vol. 2, No. 1, pp 1-7
29. Orris J. B., *MegaStat Software Version 9.1*, Bruce Bowerman University of Miami, Miami, Florida, USA
30. Overman Allen R., 1975, "Effluent Irrigation of Pearl Millet", Paper 11233, *Journal of the Environmental Engineering Division*, Proceedings of ASCE, Vol. 101, No. EE2, April, pp 193-199

31. Overman Allen R. and Ku Hsiao-Ching, 1976, "Effluent Irrigation of Rye and Ryegrass", Paper 12035 Journal of the Environmental Engineering Division, Proceedings of ASCE, Vol. 102, No. EE2, April, pp 475-783
32. Overman Allen R., 1979, "Effluent Irrigation of Different Frequencies", Paper 14626, Journal of the Environmental Engineering Division, Proceedings of ASCE, Vol. 105, No. EE3, June, pp 553-545
33. Palazzo A. J., 1978, "Effects of Waste Water and Sewage Sludge on the Growth and Chemical Composition of Turf Grass", U. S. National Technical Information Service, Springfield Virginia, USA, Report No. AD AO61878, 11, Pp P08F PAL
34. Papadopol Chris S., 2001, "Tree Plantations - Safe Recycle of Wastewater", Wastewater Recycling, April, pp 30-31
35. Parson, 1975, "Guidelines for Irrigation Water Quality for Agricultural Use", "Manual for land application of treated municipal wastewater and sludge", Environmental Protections Programs, Canada
36. Patel J. S. and Parthasarathy G. S., 2001, "Perspective of Reuse of Sewage Effluent in Agriculture, First Workshop on "Reuse of Treated Wastewater and Sludge for Agriculture in South Asia", Pune, pp 11-16
37. Patel J. S. and Parthasarathy G. S., 2002, "Wastewater Reuse in Agriculture: An Environment Friendly Approach", Proc of All India Seminar on Water and Environment - Issues and Challenges, Roorkee, pp 131-136
38. Patel J. S. and Parthasarathy G. S., 2003, "Agricultural Reuse of Sewage Effluent in View of Management of Environmental Protection: An Experiment", Proc. of the National Conference on Advances in Environmental Science and Engineering, Bombay, pp WW-14, India
39. Patel J. S. and Parthasarathy G. S., 2004, "Managing Irrigation Potential in 2025" in National Seminar on "Perspectives on Agrarian Relations in Water Management, Bhopal, pp 44-52, India

40. Patel J. S., Parthasarathy G. S. and Yagnik V. M., 2005, "Resource Conservation through Reuse of Treated Sewage Effluent in Green Gram Production: An Experiment", Proc. of the Third International Conference on Water Resources Management, Portugal, pp 465-474
41. Patel J. S., Parthasarathy G. S. and Yagnik V. M., 2005, "Behavior of Soil under Wastewater Irrigation -An Experiment, Proc. of Indian Geotechnical Conference, Geotechnical Practices for Environmental Management, Disaster Mitigation and Foundation Engineering", Ahmedabad, pp 273-276, India
42. Pettygrove G. Stuart and Asano Takashi, 1984 "Optimizing Crop Production via Wastewater Irrigation" Irrigation with Reclaimed Municipal Wastewater: A Guidance Manual
43. Pescod M. B., 1992 "Wastewater Treatment and Use in Agriculture", FAO Irrigation & Drainage Paper-47, FAO of the United Nations, Rome, Scientific Publishers, Jodhpur, India
44. Pound Charles E., Demirjian Y. A. and Waggy W. Henry, 1983, "Wastewater Recycling in Muskegon Country", Metcalf & Eddy of Michigan, Inc. Report to the Country of Muskegon, Michigan, USA
45. Ramulu U. S., 2001, Reuse of Municipal Sewage and Sludge in Agriculture, Scientific Publishers (India), Jodhpur, India
46. Riper Craig Van and Geselbracht, 1999, "Case Studies in southwest Florida and California, USA as well as in Mexico", Water Environment Research, Vol. 71, No. 5, pp 720-728
47. Sanai M. and Shayegan J., 1979, "Water Pollution Abatement through Re-Use of Municipal Waste Water in Agricultural Systems in Isfahan, Iran", Environmental Pollution, 18, No. 2, pp 119-130
48. Ridgeway James, 1981, "Water Reuse Plan Advances in Northglenn, Colorado, USA", BioCycle, March-April, pp 30-31
49. Riper Craig Van and Geselbracht, 1998, "Case Studies in southwest Florida and California, USA as well as in Mexico"

50. Shelef, 1992, "Agricultural Reuse" Water Environment Research, Volume 64, pp 403-404
51. Sanai M. and Shayegan J.", 1979, Water pollution abatement through re-use of municipal waste water in agricultural systems in Isfahan, Iran", WRC Information, Volume 6, No. 27
52. Sastry C. A., Mohanrao G.J. and Mehta R.S. , 1964, "Reclamation of Sewage Effluents", Environmental Health, April, pp75-87
53. Scott C. A., Zarazua J. A. and Levine G., 2000, Urban Wastewater Reuse for Crop Production in the Water – Short Guanajuato River Basin, Mexico, 41 Research Report, IIMI, Colombo, Sri Lanka
54. Sulaimi Jawad Al and Asano Takashi, 2000, Proc. Of the Workshop on" Wastewater Reclamation and Reuse", New Age International (P) Publishers, New Delhi, India, pp 244-259
55. Tarr Joel A., 1981 "City Sewage and The American Farmer", BioCycle, Sept-Oct., pp 36-37
56. Wallace A., Patel P. M., Berry W. L. and Lunt O. R., 1978 "Reclaimed Sewage Water: A Hydroponic Growth Medium for Plants", Resource Recovery and Conservation, 3, No. 2, 191-199



## **Government and other Publications**

1. Annual Report of National Commission for Integrated Water Resources Development Plan, 1999, Ministry of Water Resources, New Delhi, India
2. Composition of Secondary Treated Municipal Wastewater Effluents and Irrigation Water Quality Criteria, 1996, National Research Council, Use of reclaimed water and sludge in food crop production
3. Existing Standards Governing the Use of Renovated Water in Agriculture in California, 1973, WHO, Geneva, Switzerland
4. Global Water Supply and Sanitation Assessment 2000 Report, UNICEF and WHO, Geneva, Switzerland
5. Guidelines for Interpretations of Water Quality for Irrigation, 1985, FAO, Rome, Italy
6. Guidelines for Irrigation Water Quality, 1989, WHO, Geneva, Switzerland
7. Gujarat Pollution Control Board Norms, 2000, GPCB, Gandhinagar, Gujarat, India
8. Maximum Tolerable Levels of Dietary Minerals for Domestic Livestock in Comparison with Levels in Forages, 1989, "Manual for land application of treated municipal wastewater and sludge", Environmental Protections Programs, Canada
9. Meteorological Data Report, 1992-2003, Meteorological Centre (Mausam Kendra), Ahmedabad, India
10. National commission for integrated water resources development plan, 1999 Ministry of water resources, New Delhi, India
11. The Prevention of Food Adulteration Act-1954, as amended by The Prevention of Food Adulteration (8<sup>th</sup> Amendment) Rules, 2002
12. Total Concentrations of Trace Elements typically found in Soils and Plants, 1974, "National Environment Research Center, Cincinnati Ohio, U.S.A."

13. Trends and Potential & Successful Recycling programs, 1986, "Monterey, California reclaimed wastewater safe for irrigation vegetable crops", World Watch Institute, Washington D.C., U.S.A.
14. World Bank reports on health effects and technical solutions, 1992, "Wastewater irrigation for developing countries", World Bank, Washington D.C., U.S.A.
15. Reclaimed Water Criteria in Japan, Kuwait, Saudi Arabia and Tunisia, 1992, Manual of guidelines for water reuse, Environmental Protection Agency, Washington D.C., U.S.A.
16. Recommended Limits for Constituents in Reclaimed Water for Irrigation, "Manual of guidelines for water reuse, Environmental Protection Agency, Washington D.C., U.S.A."
17. Recommended Water Quality Guidelines for Wastewater Use for Irrigation in India, 1993, Schedule-VI, issued in GSR, 422 (E), dated 19/05/1993, MOEF, New Delhi
18. Report on a wastewater reuse project, 1981, "Reclaiming 810 ha with wastewater" in Midland, Texas, Bio cycle
19. Selection of Crop based on their Tolerance to Common Toxic Substances present in Wastewater, 1985, FAO Irrigation and Drainage Paper 29 Rev. 1, FAO, Rome, Italy
20. Status of Water Supply, Wastewater Collection and Treatment in Metropolitan Cities, CUPS/30/1989-90, CPCB, New Delhi