

References

References

- Abul, S. (2010). Environmental and health impact of solid waste disposal at Mangwaneni dumpsite in Manzini: Swaziland. *Journal of Sustainable development in Africa*, 12(7), 64-78.
- Addiscott, T. M., & Benjamin, N. (2004). Nitrate and human health. *Soil use and management*, 20(2), 98-104.
- Adekunle, L. V., Sridhar, M. K. C., Ajayi, A. A., Oluwade, P. A., & Olawuyi, J. F. (2004). An assessment of the health and social economic implications of satchet water in Ibadan, Nigeria: A public health challenge. *African Journal of Biomedical Research*, 7(1).
- Adeola, F. O. (1994). Environmental hazards, health, and racial inequity in hazardous waste distribution. *Environment and Behavior*, 26(1), 99-126.
- Adiyiah, J., & Kelderman, P. (2014, November). Assessment of the Levels of Heavy Metals in Vertical Sediment Cores of Lake Markermeer in the Netherlands. In *International Journal of Engineering Research and Technology* (Vol. 3, No. 1 (January-2014)). IJERT.
- Ahmad, M. T., Sushil, M., & Krishna, M. (2012). Influence of dye industrial effluent on physico chemical characteristics properties of soil at Bhairavgarh, Ujjain, MP, India. *J. Environment Sci*, 1(1), 50-53.
- Ahmadi, S. H., & Sedghamiz, A. (2007). Geostatistical analysis of spatial and temporal variations of groundwater level. *Environmental monitoring and assessment*, 129(1-3), 277-294.
- Akbal, F., Gürel, L., Bahadır, T., Güler, İ., Bakan, G., & Büyükgüngör, H. (2011). Multivariate statistical techniques for the assessment of surface water quality at the Mid-Black Sea Coast of Turkey. *Water, Air, & Soil Pollution*, 216(1-4), 21-37.
- Akbari, V., Rajabi, M. A., Chavoshi, S. H., & Shams, R. (2008). Landfill site selection by combining GIS and fuzzy multi criteria decision analysis, case study: Bandar Abbas, Iran. *World Applied Sciences Journal*, 3(1), 39-47.
- Al-Khashman, O. A. (2004). Heavy metal distribution in dust, street dust and soils from the work place in Karak Industrial Estate, Jordan. *Atmospheric environment*, 38(39), 6803-6812.

- Alvarez, J. A., Rezende, K. M. P., Marocho, S. M. S., Alves, F. B. T., Celiberti, P., & Ciamponi, A. L. (2009). Dental fluorosis: exposure, prevention and management. *Journal of Clinical and Experimental Dentistry*, 1(1), 14-18.
- Ano, A. O., & Okwunodulu, F. U. (2008). Effect of population and level of industrialization on underground water quality of Abia state, Nigeria-physico-chemical properties. *African journal of biotechnology*, 7(4).
- APHA (American Public Health Association) (1989). *Standard methods for the examination of water and waste waters*, 20th edn. APHA, Washington, DC.
- Aprile, F. M., & Bouvy, M. (2008). Distribution and enrichment of heavy metals at the Tapacurá River basin, northeastern Brazil. *Brazilian Journal of Aquatic Science and Technology*, 12(1), 1-8.
- Arnold, R., Ranchor, A. V., Sanderman, R., Kempen, G. I. J. M., Ormel, J., & Suurmeijer, T. P. B. M. (2004). The relative contribution of domains of quality of life to overall quality of life for different chronic diseases. *Quality of Life Research*, 13(5), 883-896.
- Aungudornpukdee, P. (2009). Factors related to neurobehavioral effects in young children residing near petrochemical industrial estate: a community-based cross-sectional study in Map Ta Phut Sub-District, Rayong Province, Thailand (Doctoral dissertation, Chulalongkorn University).
- Baban, S. M., & Flannagan, J. (1998). Developing and implementing GIS-assisted constraints criteria for planning landfill sites in the UK. *Planning Practice & Research*, 13(2), 139-151.
- Basavaraddi, S. B., Kousar, H., & Puttaiah, E. T. (2012). Seasonal Variation of groundwater quality and its suitability for drinking in and around Tiptur Town, Tumkur District, Karnataka, India: A WQI Approach. *Int. J. Comput. Eng. Res*, 2, 562-567.
- Berisa, G., & Birhanu, Y. (2015). Municipal solid waste disposal site selection of Jigjiga town using GIS and remote sensing techniques. *International Journal of Scientific and Research Publications*, 5(4), 1-17.
- Berry, M., & Bove, F. (1997). Birth weight reduction associated with residence near a hazardous waste landfill. *Environmental Health Perspectives*, 105(8), 856.
- Bhagure, G. R., & Mirgane, S. R. (2011). Heavy metal concentrations in groundwaters and soils of Thane Region of Maharashtra, India. *Environmental monitoring and assessment*, 173(1-4), 643-652.
- Bhagure, G. R., & Mirgane, S. R. (2011). Heavy metal concentrations in groundwaters and soils of Thane Region of Maharashtra, India. *Environmental monitoring and assessment*, 173(1-4), 643-652.

- Bichi, M. H., & Anyata, B. U. (1999). Industrial waste pollution in the Kano River Basin. *Environmental Management and Health*, 10(2), 112-116.
- Bikkad, S. B., & Mirgane, S. R. (2009). Assessment of ground water quality in and around Industrial areas in Aurangabad district of Maharashtra. *Current World Environment*, 4(1), 175-178.
- Briggs, D. (2003): "Environmental Pollution And The Global Burden Of Disease". *British Medical Bulletin*, Vol. 68, pp. 1-24.
- Bu, H., Tan, X., Li, S., & Zhang, Q. (2010). Temporal and spatial variations of water quality in the Jinshui River of the South Qinling Mts., China. *Ecotoxicology and Environmental Safety*, 73(5), 907-913.
- Buck, H. G., Kitko, L., & Hupcey, J. E. (2013). Dyadic heart failure care types: qualitative evidence for a novel typology. *The Journal of cardiovascular nursing*, 28(6), E37.
- Candeias, C., Melo, R., Ávila, P. F., da Silva, E. F., Salgueiro, A. R., & Teixeira, J. P. (2014). Heavy metal pollution in mine-soil-plant system in S. Francisco de Assis-Panasqueira mine (Portugal). *Applied Geochemistry*, 44, 12-26.
- Casey, T. J. (2009). Iron and Manganese in Water Occurrence, Drinking Water Standards, Treatment Options. *Aquavarra Research Publications Water Engineering Papers*, 3, 1-6.
- Castrignanò, A., Buttafuoco, G., & Giasi, C. (2008). Assessment of groundwater salinisation risk using multivariate geostatistics. In *geoENV VI-Geostatistics for Environmental Applications* (pp. 191-202). Springer Netherlands.
- Chandabadani, C. D. and Kanchan, R. (2014) Grain size distribution and its relation to the geochemical parameters in the chemical and petrochemical complex of Vadodara District Of Gujarat, India. *International Research Journal of Environment Sciences*, Vol. 4(7), 7-16
- Chang, H. (2008). Spatial analysis of water quality trends in the Han River basin, South Korea. *Water research*, 42(13), 3285-3304.
- Chlopecka, A., Bacon, J. R., Wilson, M. J., & Kay, J. (1996). Forms of cadmium, lead, and zinc in contaminated soils from Southwest Poland. *Journal of Environmental Quality*, 25(1), 69-79.
- Ciszewski, A., Wasiak, W., & Ciszewska, W. (1997). Hair analysis. Part 2. Differential pulse anodic stripping voltammetric determination of thallium in human hair samples of persons in permanent contact with lead in their workplace. *Analytica chimica acta*, 343(3), 225-229.
- Dan'Azumi, S., & Bichi, M. H. (2010). Industrial pollution and heavy metals profile of Challawa River in Kano, Nigeria. *Journal of Applied Sciences in Environmental Sanitation*, 5(1), 23-29.

- Dang, Z., Liu, C., & Haigh, M. J. (2002). Mobility of heavy metals associated with the natural weathering of coal mine spoils. *Environmental Pollution*, 118(3), 419-426.
- Das, M., Kumar, A., Mohapatra, M., & Muduli, S. D. (2010). Evaluation of drinking quality of groundwater through multivariate techniques in urban area. *Environmental monitoring and assessment*, 166(1), 149-157.
- Deka, J., & Sarma, H. P. (2012). Heavy metal contamination in soil in an industrial zone and its relation with some soil properties. *Scholars Research Library. Archives of Applied Science Research*, 4(2), 831-836.
- Del Gobbo, L. C., Imamura, F., Wu, J. H., de Oliveira Otto, M. C., Chiuve, S. E., & Mozaffarian, D. (2013). Circulating and dietary magnesium and risk of cardiovascular disease: a systematic review and meta-analysis of prospective studies. *The American journal of clinical nutrition*, 98(1), 160-173.
- District Census Handbook, Vadodara, Census of India, 2001, Series 25, Part XII A, (Directorate of Census Operations, Gujarat) 2011.
- Dolk, H., Vrijheid, M., Armstrong, B., Abramsky, L., Bianchi, F., Garne, E., & Tenconi, R. (1998). Risk of congenital anomalies near hazardous-waste landfill sites in Europe: the EUROHAZCON study. *The Lancet*, 352(9126), 423-427.
- Eana, G. R. E., & Sridhar, M. K. C. (2004). Soil quality near chemical fertilizer industry at Port Harcourt, Nigeria. *Nigeria African Journal of Environmental Association Management*, 8, 19-26.
- Ebenstein, A. (2012). The consequences of industrialization: evidence from water pollution and digestive cancers in China. *Review of Economics and Statistics*, 94(1), 186-201.
- Edwards, E., Kitt, C., Oliver, E., Finkelstein, J., Wagster, M., & McDonald, W. M. (2002). Depression and Parkinson's disease: a new look at an old problem. *Depression and anxiety*, 16(1), 39-48.
- Elliott, P., Briggs, D., Morris, S., de Hoogh, C., Hurt, C., Jensen, T. K., ... & Jarup, L. (2001). Risk of adverse birth outcomes in populations living near landfill sites. *Bmj*, 323(7309), 363-368.
- Elton, N. W., Elton, W. J., & Nazareno, J. P. (1963). Pathology of acute salt poisoning in infants. *American journal of clinical pathology*, 39, 252-264.
- Essau, C. A., Conradt, J., & Petermann, F. (2000). Frequency, comorbidity, and psychosocial impairment of anxiety disorders in German adolescents. *Journal of anxiety disorders*, 14(3), 263-279.

- Ewa, E. E., Iwara, A. I., Adeyemi, J. A., Eja, E. I., Ajake, A. O., & Otu, C. A. (2011). Impact of industrial activities on water quality of Omoku Creek. *Sacha Journal of Environmental Studies*, 1(2), 8-16.
- Facchinelli, A., Sacchi, E., & Malleri, L. (2001). Multivariate statistical and GIS-based approach to identify heavy metal sources in soils. *Environmental Pollution*, 114, 313-324.
- Farooqui, A. A., Horrocks, L. A., & Farooqui, T. (2007). Modulation of inflammation in brain: a matter of fat. *Journal of neurochemistry*, 101(3), 577-599.
- Fawell, J., & Nieuwenhuijsen, M. J. (2003). Contaminants in drinking water Environmental pollution and health. *British medical bulletin*, 68(1), 199-208.
- Fent, K. (2004). Ecotoxicological effects at contaminated sites. *Toxicology*, 205(3), 223-240.
- Fereidoun, H., Nourddin, M. S., Rreza, N. A., Mohsen, A., Ahmad, R., & Pouria, H. (2007). The effect of long-term exposure to particulate pollution on the lung function of Teheranian and Zanjanian students. *Pakistan Journal of Physiology*, 3(2), 1-5.
- Fielder, H. M. P., Dolk, H., Poon-King, C. M., Palmer, S. R., Moss, N., & Coleman, G. (2000). Assessment of impact on health of residents living near the Nant-y-Gwyddon landfill site: retrospective analysisCommentary: Impact on health needs assessing from different angles. *Bmj*, 320(7226), 19-23.
- Fierens, S., Mairesse, H., Heilier, J. F., Focant, J. F., Eppe, G., Pauw, E. D., & Bernard, A. (2007). Impact of iron and steel industry and waste incinerators on human exposure to dioxins, PCBs, and heavy metals: results of a cross-sectional study in Belgium. *Journal of Toxicology and Environmental Health, Part A*, 70(3-4), 222-226.
- Filik Iscen, C., Emiroglu, Ö., Ilhan, S., Arslan, N., Yilmaz, V., & Ahiska, S. (2008). Application of multivariate statistical techniques in the assessment of surface water quality in Uluabat Lake, Turkey. *Environmental monitoring and assessment*, 144(1), 269-276.
- Forastiere, F., Badaloni, C., de Hoogh, K., von Kraus, M. K., Martuzzi, M., Mitis, F. & Perucci, C. A. (2011). Health impact assessment of waste management facilities in three European countries. *Environmental Health*, 10(1), 53.
- Gadhia, M., Surana, R., & Ansari, E. (2013). Seasonal Variations in Physico-Chemical Characteristics of Tapi Estuary in Hazira Industrial Area. *Our Nature*, 10(1), 249-257.
- Ghosh, T., & Kanchan, R. (2014). Geoenvironmental appraisal of groundwater quality in Bengal alluvial tract, India: a geochemical and statistical approach. *Environmental earth sciences*, 72(7), 2475-2488.

- Ghosh, Tathagata, and Rolee Kanchan.(2014) "Geoenviromental appraisal of groundwater quality in Bengal alluvial tract, India: a geochemical and statistical approach." *Environmental earth sciences* 72, no. 7: 2475-2488.
- Binns, S. E., & Gatrell, A. C. (1996). Respiratory health effects of industrial air pollution: a study in east Lancashire, UK. *Journal of epidemiology and community health*, 50(6), 631-635.
- Goodell, S., Druss, B. G., Walker, E. R., & MAT, M. (2011). Mental disorders and medical comorbidity. *Robert Wood Johnson Foundation*, 2.
- Gopalakrishnan, P., Vasan, R. S., Sarma, P. S., Ravindran Nair, K. S., & Thankappan, K. R. (1999). Prevalence of dental fluorosis and associated risk factors in Allappuzha district, Kerala. *National Medical Journal of India*, 12(3).
- Govindarajulu, K. (2003, December). Industrial effluent and health status: A case study of Noyyal river basin. In *Proceedings of the Third International Conference on Environment and Health, Chennai, India* (Vol. 15, No. 17, pp. 150-157).
- Güler, C., Thyne, G. D., McCray, J. E., & Turner, K. A. (2002). Evaluation of graphical and multivariate statistical methods for classification of water chemistry data. *Hydrogeology journal*, 10(4), 455-474.
- Gulten, Y. A. (2011). Heavy metal contamination of surface soil around Gebze industrial area, Turkey [J]. *Microchemical Journal*, 99(1), 82-92.
- Gupte, P.R., (2010) Hydrogeological conditions, ground water resources & development potential of Vadodara Dsitrict, Gujarat, Government of India, Ministry of Water Resources, Central Ground Water Board.
- Gyawali, S., Techato, K., & Yuangyai, C. (2012, April). Effects of industrial waste disposal on the surface water quality of U-tapao River, Thailand. In *International Conference on Environment Science and Engineering, International Proceedings of Chemical, Biological and Environmental Engineering* (Vol. 3, No. 2, pp. 109-113).
- Haman, D. Z., & Bottcher, A. B. (1986). *Home water quality and safety*. Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida.
- Hamer, G. (2003). Solid waste treatment and disposal: effects on public health and environmental safety. *Biotechnology Advances*, 22(1), 71-79.
- Hassan, A. A. S. (2012). *Ground water quality of Aurangabad Industrial Area* (Doctoral dissertation, Ph. D. Thesis Dr. BAM University, Aurangabad).
- He, J., Ogden, L. G., Bazzano, L. A., Vupputuri, S., Loria, C., & Whelton, P. K. (2002). Dietary sodium intake and incidence of congestive heart failure in overweight US men and women:

first National Health and Nutrition Examination Survey Epidemiologic Follow-up Study. *Archives of internal medicine*, 162(14), 1619-1624.

Hypercalcemia - <http://www.healthline.com/health/hypercalcemia#overview1>, (Accessed on July 25th,2016)

Indermitte, E., Saava, A., & Karro, E. (2009). Exposure to high fluoride drinking water and risk of dental fluorosis in Estonia. *International journal of environmental research and public health*, 6(2), 710-721.

Iordache, M. I., Meghea, A., Neamtu, S., Popescu, L. R., & Iordache, I. O. A. N. (2014). Evaluation of contamination with priority hazardous substances in Olt River water and sediments near the industrial platform of Ramnicu Valcea. *Rev. Chim. Buchar*, 65, 87-93.

Isaac, R., Santos Emmanoel, V., Silva-Filho, Carlos, E.G.R., Schaefer Manoel, R., Albuquerque-Filho, & Lucia, S, Campos. (2004). Heavy metal contamination in coastal sediments and soils near the Brazilian Antarctic Station, King George Island. *Marine Pollution Bulletin* (in press)

Islam, M. S., Tusher, T. R., Mustawa, M., & Mamun, S. (2012). Investigation of soil quality and heavy metal concentrations from a waste dumping site of Konabari industrial area at Gazipur in Bangladesh. *Journal of Environmental Science, Toxicology and Food Technology*, 2(1), 1-7.

Jackson, C., & Richardson, S. (2008). Hierarchical related regression for combining aggregate and individual data in studies of socio-economic disease risk factors. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 171(1), 159-178.

Jarrett, M. A., & Ollendick, T. H. (2008). A conceptual review of the comorbidity of attention-deficit/hyperactivity disorder and anxiety: Implications for future research and practice. *Clinical psychology review*, 28(7), 1266-1280.

Jeffery, G. H., Bassett, J., Mendham, J., & Denney, R. C. (1989). Titrimetric analysis. *Vogel's textbook of quantitative chemical analysis, 5th edition*. Longman Scientific and Technical, Essex, UK, 372-373.

Jensen, J. R., & Christensen, E. J. (1986). Solid and hazardous waste disposal site selection using digital geographic information system techniques. *Science of the total environment*, 56, 265-276.

Jha, S. (2012). *Industrialisation and Territorial Development: A Case Study of Gujarat* (Doctoral dissertation, The MS University of Baroda).

Jilani, T. (2002). State of Solid Waste Management in Khulna City. *Unpublished Undergraduate thesis, Environmental Science Discipline, Khulna University Khulna*, 25-85.

Johansen, H., & Sanmartin, C. A. (2011). *Mental comorbidity and its contribution to increased use of acute care hospital services. Statistics Canada, Health Analysis Division.*

Jonathan, M.P., Ram Mohan, V., & Srinivasalu, S. (2004). Geochemical variation of major and trace elements in recent sediments of the Gulf of Mannar the southeast coast of India. *Environmental Geology*, 45(4), 466–480.

Kanchan, R and Chandabadani, C. D. (2013). Assessment of Water Quality Near Chemical and Petrochemical Industries of Vadodara Taluka, Gujarat. *Studies in Geography, University of Rajasthan, Jaipur*, 24,1-16.

Kanchan, R., & Ghosh, T. (2012). Identification of groundwater arsenic contaminated vulnerability zones in alluvial tract of West Bengal, India. *Journal of Energy, Environment & Carbon Credits*, 2(1).

Kanchan, R., & Roy, M. (2009). Arsenic contamination of groundwater and its effect on human health in Murshidabad District, West Bengal. *Geography in 21st Century: Selected Readings, The Institute of Geographers, India, Lucknow*, 137-146.

Kanchan, R., Vipra, G., & Bhatt, V. (2012). Assessment of water quality in an industrial belt: a micro level case study. *Geo views green economy: does it include you. World Environment Day Special Edition*, 1, 1-9 (2012)

Kanchan^a R, Industrialisation, environment and health: a case study of Ankleshwar GIDC. *Environmental Management & Sustainable Development Ed: Pagare, P. MBD Jaipur*, pp. 148-155 (2007).

Kar, D., Sur, P., Mandai, S. K., Saha, T., & Kole, R. K. (2008). Assessment of heavy metal pollution in surface water. *International Journal of Environmental Science & Technology*, 5(1), 119-124.

Khan, M. A., & Ghouri, A. M. (2011). Environmental pollution: Its effects on life and its remedies. *Researcher World: Journal of Arts, Science & Commerce, Vol. 2, No. 2, pp. 276-285, 2011*

Khanna, D. R., Bhutiani, R., & Kulkarni, D. B. (2013). Seasonal variation in ground water quality in and around integrated industrial estate (HE) Haridwar, India. *Environment Conservation Journal*, 14(3), 33-40.

Khopkar, S. M. (2007). *Industrial waste water ,Environmental pollution monitoring and control.* New Age International.

Krishna, A. K., & Govil, P. K. (2004). Heavy metal contamination of soil around Pali industrial area, Rajasthan, India. *Environmental Geology*, 47(1), 38-44.

- Krishna, A. K., & Govil, P. K. (2007). Soil contamination due to heavy metals from an industrial area of Surat, Gujarat, Western India. *Environmental monitoring and assessment*, 124(1), 263-275.
- Krishna, A. K., & Govil, P. K. (2008). Assessment of heavy metal contamination in soils around Manali industrial area, Chennai, southern India. *Environmental Geology*, 54(7), 1465-1472.
- Kudryakov, R., Baibergenova, A., Zdeb, M., & Carpenter, D. O. (2004). Respiratory disease in relation to patient residence near to hazardous waste sites. *Environmental toxicology and pharmacology*, 18(3), 249-257.
- Kumar, A., & Bahadur, Y. (2009). Physico-Chemical Studies on the Pollution Potential of River Kosi at Rampur(India). *World Journal of Agricultural Sciences*, 5(1), 1-4.
- Kumar, P. S. K., Manjunatha, K., & Manjunath, N. T. Study of Seasonal Variation in Lake Water Quality of Byadagi Taluka. *International Journal of Scientific and Research Publications*, 693.
- Kumar, S. P., & Edward, J. K. (2009). Assessment of metal concentration in the sediment cores of Manakudy estuary, south west coast of India. *Indian Journal of Marine Sciences*, Vol.38(2), June 2009, pp. 235-248
- Lakhan, V. C., Cabana, K., & LaValle, P. D. (2003). Relationship between grain size and heavy metals in sediments from beaches along the coast of Guyana. *Journal of Coastal Research*, 600-608.
- Lee L J H, Chen C H, Chang Y Y , Liou S H, & Wang J D(2010). An estimation of the health impact of groundwater pollution caused by dumping of chlorinated solvents. *Science of the Total Environment*, 408(6), 1271-1275
- Li, L., Wu, J., Ghosh, J. K., & Ritz, B. (2013). Estimating spatiotemporal variability of ambient air pollutant concentrations with a hierarchical model. *Atmospheric environment*, 71, 54-63.
- Lieu, P. T., Heiskala, M., Peterson, P. A., & Yang, Y. (2001). The roles of iron in health and disease. *Molecular aspects of medicine*, 22(1), 1-87.
- Liu, B., Wu, F., Li, X., Fu, Z., Deng, Q., Mo, C., ... & Liao, H. (2011). Arsenic, antimony and bismuth in human hair from potentially exposed individuals in the vicinity of antimony mines in Southwest China. *Microchemical Journal*, 97(1), 20-24.
- Liu, J., Chen, Y., Wang, J., Qi, J., Wang, C., Lippold, H., & Lippmann-Pipke, J. (2010). Factor analysis and sequential extraction unveil geochemical processes relevant for trace metal distributions in fluvial sediments of a pyrite mining area, China. *Carbonates and evaporites*, 25(1), 51-63.

- Lokhande, R. S., Singare, P. U., & Pimple, D. S. (2011). Study on physico-chemical parameters of waste water effluents from Taloja industrial area of Mumbai, India. *International Journal of Ecosystem*, 1(1), 1-9.
- Maantay, J. (2007). Asthma and air pollution in the Bronx: methodological and data considerations in using GIS for environmental justice and health research. *Health & place*, 13(1), 32-56.
- Machender, G., Dhakate, R., Prasanna, L., & Govil, P. K. (2011). Assessment of heavy metal contamination in soils around Balanagar industrial area, Hyderabad, India. *Environmental Earth Sciences*, 63(5), 945-953.
- Mahananda, M. R., Mohanty, B. P., & Behera, N. R. (2010). Physico-chemical analysis of surface and ground water of Bargarh District, Orissa, India. *International Journal of Research and Reviews in Applied Sciences*, 2(3), 284-295.
- Manjare, S. A., Vhanalakar, S. A., & Muley, D. V. (2010). Analysis of water quality using physico-chemical parameters Tamdalg tank in Kolhapur district, Maharashtra. *International Journal of Advanced Biotechnology and Research*, 1(2), 115-119.
- Marrie, R. A., Horwitz, R., Cutter, G., Tyry, T., Campagnolo, D., & Vollmer, T. (2008). Comorbidity, socioeconomic status and multiple sclerosis. *Multiple Sclerosis Journal*, 14(8), 1091-1098.
- McKay, D. L., & Blumberg, J. B. (2002). The role of tea in human health: an update. *Journal of the American College of Nutrition*, 21(1), 1-13.
- Meghani, S. H., Buck, H. G., Dickson, V. V., Hammer, M. J., Rabelo-Silva, E. R., Clark, R., & Naylor, M. D. (2013). The conceptualization and measurement of comorbidity: a review of the inter professional discourse. *Nursing research and practice*, 2013.
- Misra, V., & Pandey, S. D. (2005). Hazardous waste, impact on health and environment for development of better waste management strategies in future in India. *Environment international*, 31(3), 417-431.
- Mohsin, M., Safdar, S., Asghar, F., & Jamal, F. (2013). Assessment of drinking water quality and its impact on residents health in Bahawalpur city. *International Journal of Humanities and Social Science*, 3(15), 114-28.
- Mondal, N. C., Saxena, V. K., & Singh, V. S. (2005). Assessment of groundwater pollution due to tannery industries in and around Dindigul, Tamilnadu, India. *Environmental Geology*, 48(2), 149-157.
- Mustapha, O. M., & Lawal, O. S. (2014). Comparative study of heavy metal pollution of sediments in Odo-Owa and Yemoji Streams, Ijebu-Ode local government area, SW Nigeria. *IOSR Journal of Applied Chemistry*, 7, 12-17.

- Nagaraju, G. N., & Rangaswami, V. (2007). Impact of effluents of sugarcane industry on soil physico-chemical and biological properties. *J. Ind. Pollut. Cont*, 23, 73-76.
- Nas, B., Cay, T., Iscan, F., & Berkday, A. (2010). Selection of MSW landfill site for Konya, Turkey using GIS and multi-criteria evaluation. *Environmental monitoring and assessment*, 160(1), 491-500.
- Nilgun, Guvenc, Omar, Alagha, & Gurdal, Tencel. (2004). Investigation of soil multi-element composition in Antalya, Turkey. *Environmental International*, 29, 631-640.
- Noori, R., Sabahi, M. S., Karbassi, A. R., Baghvand, A., & Zadeh, H. T. (2010). Multivariate statistical analysis of surface water quality based on correlations and variations in the data set. *Desalination*, 260(1), 129-136.
- Obiajunwa, E. I., Pelemo, D. A., Owolabi, S. A., Fasasi, M. K., & Johnson-Fatokun, F. O. (2002). Characterisation of heavy metal pollutants of soils and sediments around a crude-oil production terminal using EDXRF. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, 194(1), 61-64.
- Ogedengbe, K., & Akinbile, C. O. (2004). Impact of industrial pollutants on quality of ground and surface waters at Oluyole Industrial Estate, Ibadan, Nigeria. *Nigerian Journal of Technological Development*, 4(2), 139-144.
- Oguoma, V. M., Nwose, E. U., Skinner, T. C., Digban, K. A., Onyia, I. C., & Richards, R. S. (2015). Prevalence of cardiovascular disease risk factors among a Nigerian adult population: relationship with income level and accessibility to CVD risks screening. *BMC public health*, 15(1), 397.
- Olayinka, K. O., & Alo, B. I. (2004). Studies on industrial pollution in Nigeria: The effect of textile effluents on the quality of groundwater in some parts of Lagos. *Nigerian Journal of Health and Biomedical Sciences*, 3(1), 44-50.
- Olusina, J. O., & Shyllon, D. O. (2014). Suitability Analysis in Determining Optimal Landfill Location Using Multi-Criteria Evaluation (MCE), GIS & Remote Sensing. *International Journal of Computational Engineering Research (IJCER)*, 7-20.
- Ouyang, Y., Nkedi-Kizza, P., Wu, Q. T., Shinde, D., & Huang, C. H. (2006). Assessment of seasonal variations in surface water quality. *Water research*, 40(20), 3800-3810.
- Paridaens, J., & Vanmarcke, H. (2001). Radium contamination of the banks of the river Laak as a consequence of the phosphate industry in Belgium. *Journal of environmental Radioactivity*, 54(1), 53-60.
- Parizanganeha A, Hajisoltanib P, Zamani A (2010) Concentration, distribution and comparison of total and bioavailable metals in top soils and plants accumulation in Zanjan zinc industrial town-Iran. *Procedia Environ Sci* 2:167-174

Pekey, H. (2006). The distribution and sources of heavy metals in Izmit Bay surface sediments affected by a polluted stream. *Marine Pollution Bulletin*, 52(10), 1197-1208.

Phiri, O., Mumba, P., Moyo, B. H. Z., & Kadewa, W. (2005). Assessment of the impact of industrial effluents on water quality of receiving rivers in urban areas of Malawi. *International Journal of Environmental Science & Technology*, 2(3), 237-244.

Porta D, Milani S, Lazzarino A I, Perucci C A and Forastiere F, (2009). Systematic review of epidemiological studies on health effects associated with management of solid waste, *Environ Health*, 8(60), 1-17

Potassium, http://www.who.int/water_sanitation_health/water-quality/guidelines/chemicals/potassium-background.pdf?ua=1, (Accessed on June 20th, 2015)

Prajapati, R. P., & Singhai, R. (2012). Impact assessment of fertilizer industry waste on environment. *Journal of Environmental Science*, 1(3), 311-315.

Pranavam, T. D., Rao, T. V., Punithavathi, L., Karunanithi, S., & Bhaskaran, A. (2011). Groundwater pollution in the Palar Riverbed near Vellore, Tamil Nadu, India. *Indian Journal of Science and Technology*, 4(1), 19-21.

Prasad, M. B. K., Ramanathan, A. L., Shrivastav, S. K., & Saxena, R. (2006). Metal fractionation studies in surficial and core sediments in the Achankovil river basin in India. *Environmental monitoring and assessment*, 121(1), 77-102.

Rahman, A. L., Islam, M., Hossain, M. Z., & Ahsan, M. A. (2012). Study of the seasonal variations in Turag river water quality parameters. *African Journal of pure and applied Chemistry*, 6(10), 144-148.

Raja, G., & Venkatesan, P. (2010). Assessment of groundwater pollution and its impact in and around Punnam area of Karur District, Tamilnadu, India. *Journal of Chemistry*, 7(2), 473-478.

Rajaram, T., & Das, A. (2008). Water pollution by industrial effluents in India: discharge scenarios and case for participatory ecosystem specific local regulation. *Futures*, 40(1), 56-69.

Rameeza, S., Srikant, V. N. V., Rao, D. M., & Ramakrishna, C. (2012). Study of ground water quality in industrial zone of Visakhapatnam. *Adv. Appl. Sci. Res*, 3(4), 2463-2467.

Ramesh, A., Prakash, B. N., Sivapullaiah, P. V., & Sadhashivaiah, A. S. (2012). Assessment of Ground Water Quality in Designated Peenya Industrial Area and Estate, Bangalore, India—A Case Study. *International Journal of Environmental Protection*.

Ramires, I., Olympio, K. P. K., Maria, A. G., Pessan, J. P., Cardoso, V. E. S., Lodi, C. S., & Buzalaf, M. A. R. (2006). Fluoridation of the public water supply and prevalence of dental fluorosis in a peripheral district of the municipality of Bauru, SP. *Journal of Applied Oral Science*, 14(2), 136-141.

- Ravisankar, T. (2014). Heavy metal assessment in industrial groundwater in and around Vijayawada, Andhra Pradesh, INDIA. *European Chemical Bulletin*, 3(10-12), 1008-1013.
- Rodriguez, R., Ramos, J. A., & Armienta, A. (2004). Groundwater arsenic variations: the role of local geology and rainfall. *Applied Geochemistry*, 19(2), 245-250.
- Rose, J. B., Epstein, P. R., Lipp, E. K., Sherman, B. H., Bernard, S. M., & Patz, J. A. (2001). Climate variability and change in the United States: potential impacts on water- and foodborne diseases caused by microbiologic agents. *Environmental health perspectives*, 109(Suppl 2), 211.
- Rubio, B., Nombela, M. A., & Vilas, F. (2000). Geochemistry of major and trace elements in sediments of the Ria De Vigo (NW Spain): an assessment of metal pollution. *Marine Pollution Bulletin*, 40(11), 968-980.
- Rushton, L. (2003). Health hazards and waste management. *British medical bulletin*, 68(1), 183-197.
- Ruston L, Health hazards and waste management.(2003). *Brit Med Bull*, 68(1), 183-197.
- Sabal, D., & Khan, T. I. (2008). Fluoride contamination status of groundwater in Phulera tehsil of Jaipur district, Rajasthan. *J. Environ. Biol*, 29(6), 871-876.
- Salem, H. M., E A, E., & Farag, A. (2000). Heavy metals in drinking water & their environment impact on human health. *ICEHM, Cairo University, Egypt*, pp. 542- 556 (2000).
- Saravanakumar, K., & Kumar, R. R. (2011). Analysis of water quality parameters of groundwater near Ambattur industrial area, Tamil Nadu, India. *Indian Journal of Science and Technology*, 4(5), 660-662.
- Sarkar, S. (2004). Air pollution: its perilous chronic hygienic impacts. *J Hum Ecol*, 16(2), 129-132.
- Schaefer, (2017). Can You Overdose on Magnesium?, Healthline, <http://www.healthline.com/health/food-nutrition/magnesium-overdose-whats-the-likelihood#overview1> ((Accessed on April 30th 2017).
- Schwimmer R.A., Relationships among grain size, infiltration rate, and foreshore slope on New Jersey Beaches, In *2007 Gsa Denver Annual Meeting*, (2007)
- Shaji, C., Nimi, H., & Bindu, L. (2009). Water quality assessment of open wells in and around Chavara industrial area, Quilon, Kerala.
- Sharma, R. (2012). Analysis of water quality parameters of groundwater in Malwa region, Bathinda, India. *Asian J of Adv Scientific and Engineering Res*, 1(11).

- Sharma, R. K., & Agrawal, M. (2005). Biological effects of heavy metals: an overview. *Journal of environmental Biology*, 26(2), 301-313.
- Shier, R. (2004). Statistics: Paired t-tests. *Mathematic Learning Support Centre*.
- Sichletidis, L., Tsiotsios, I., Gavriilidis, A., Chloros, D., Kottakis, I., Daskalopoulou, E., & Konstantinidis, T. (2005). Prevalence of chronic obstructive pulmonary disease and rhinitis in northern Greece. *Respiration*, 72(3), 270-277.
- Simeonov, V., Einax, J., Tsakovski, S., & Kraft, J. (2005). Multivariate statistical assessment of polluted soils. *Open Chemistry*, 3(1), 1-9.
- Simeonov, V., Stratis, J. A., Samara, C., Zachariadis, G., Voutsas, D., Anthemidis, A., ... & Kouimtzis, T. (2003). Assessment of the surface water quality in Northern Greece. *Water research*, 37(17), 4119-4124.
- Singare, P. U., Jagtap, A. G., & Lokhande, R. S. (2011). Water pollution by discharge effluents from Gove Industrial Area of Maharashtra, India: Dispersion of heavy metals and their Toxic effects. *International Journal of Global Environmental Issues*, 11(1), 28-36.
- Singh, A. K., Hasnain, S. I., & Banerjee, D. K. (1999). Grain size and geochemical partitioning of heavy metals in sediments of the Damodar River—a tributary of the lower Ganga, India. *Environmental geology*, 39(1), 90-98.
- Singh, K. P., Malik, A., & Sinha, S. (2005). Water quality assessment and apportionment of pollution sources of Gomti river (India) using multivariate statistical techniques—a case study. *Analytica Chimica Acta*, 538(1), 355-374.
- Singh, K. P., Malik, A., Mohan, D., & Sinha, S. (2004). Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of Gomti River (India)—a case study. *Water research*, 38(18), 3980-3992.
- Sivakumar, S., John De Brito, A. 1995. Effect of cement pollution soil fertility. *J. Ecotoxico Environ Monit.* 5 (2) : 147-149.
- Sonawane, D. V., Lawande, S. P., Gaikwad, V. B., & Kuchekar, S. R. (2010). Impact of industrial waste water on soil quality and organic matter around Kurkumbh industrial area Daund, Pune District(MS). *International Journal of Chemical Sciences*, 8(1), 97-102.
- Srinivas, P., & Kushtagi, S. (2012). Effect of industrial effluents and domestic sewage on quality of ground water and lake water in Bidar City, Karnataka State, India.
- Srinivasa Gowd, S., & Govil, P. K. (2008). Distribution of heavy metals in surface water of Ranipet industrial area in Tamil Nadu, India. *Environmental Monitoring and Assessment*, 136(1), 197-207.

- Su, G. S. (2005). Water-borne illness from contaminated drinking water sources in close proximity to a dumpsite in Payatas, the Philippines. *JRTPH*, 4, 43-48.
- Sumathi, V. R., Natesan, U., & Sarkar, C. (2008). GIS-based approach for optimized siting of municipal solid waste landfill. *Waste management*, 28(11), 2146-2160.
- Swaminathan, K. and Ravi, K. 1987. Effect of dying factory effluents on physico chemical and biological properties of soil. *Environmental and Ecotoxicology*. 249 -253.
- Tank, S. K., & Chippa, R. C. Analysis of Water Quality of Halena Block in Bharatpur Area. *International Journal of Scientific and Research Publications*, 57.
- Tathagata, G., & Rolee, K. (2011). Spatio-temporal pattern of groundwater arsenic concentration in thick unconfined aquifer of Murshidabad District, West Bengal, India. *Universal J Environ Res Technol*, 1, 311-319.
- Tchobanoglous, G., Theisen, H., & Vigil, S. (1993). *Integrated solid waste management: engineering principles and management issues*. McGraw-Hill Science/Engineering/Math.
- Teng, Y., Yang, J., Zuo, R., & Wang, J. (2011). Impact of urbanization and industrialization upon surface water quality: A pilot study of Panzhuhua mining town. *Journal of earth science*, 22(5), 658-668.
- Thomas, D. R., Sunil, B., & Latha, C. (2011). Physico-chemical analysis of well water at Eloor industrial area-seasonal study. *Current World Environment*, 6(2), 259-264.
- timeanddate.com <https://www.timeanddate.com/information/copyright.html> , (Accessed on April 5th 2017).
- Tsai, L. J., Yu, K. C., Ho, S. T., Chang, J. S., & Wu, T. S. (2003). Correlation of particle sizes and metals speciation in river sediment. In *Diffuse pollution conference, Dublin, Poster Papers*.
- Tsai, S. S., Yu, H. S., Liu, C. C., & Yang, C. Y. (2003). Increased incidence of preterm delivery in mothers residing in an industrialized area in Taiwan. *Journal of Toxicology and Environmental Health Part A*, 66(11), 987-994.
- Tyagi, M., Panwar, A., Tyagi, A. K. A., & Tyagi, H. (2014). Impact of Industrial Effluent on Soil quality in around Gajraula Industrial Area (UP). *International Journal Of Scientific Research and Education*, 2(11), 2419-2429
- Upadhyay, M., Sahu, B. L., & Pardhi, O. P. (2013). Degradation of water quality due to heavy pollution in industrial area of Korba, Chhattisgarh. *Recent Research in Science and Technology*, 5(5).
- Vaishali, P., & Punita, P. (2013). Assessment of seasonal variation in water quality of River Mini, at Sindhrot, Vadodara. *International journal of environmental sciences*, 3(5), 1424.

- Valderas, J. M., Starfield, B., Sibbald, B., Salisbury, C., & Roland, M. (2009). Defining comorbidity: implications for understanding health and health services. *The Annals of Family Medicine*, 7(4), 357-363.
- Van Straalen, N. M. (2002). Assessment of soil contamination—a functional perspective. *Biodegradation*, 13(1), 41-52.
- Varsani, A., & Manoj, K. Study on Pollution Status of Sediment with Reference to its Physico-Chemical Properties along Industrial Creeks of Surat City, Gujarat.
- Verma, A. K., Pandey, P., Khan, A. H., Mathur, N., & Kisku, G. C. (2011). Seasonal variations in surface Water quality of Sengar River due To effluent from petrochemical industry. *Journal of Environmental Research And Development Vol*, 5(4).
- Villaescusa, I., & Bollinger, J. C. (2008). Arsenic in drinking water: sources, occurrence and health effects (a review). *Reviews in Environmental Science and Bio/Technology*, 7(4), 307-323.
- Vrijheid M, (2000).Health effect of residence near hazardous waste landfill site: a review of epidemiologic literature. *Environ Health Perspect*, 108, 101-112
- WHO, World Health Organization (2003). Total dissolved solids in Drinking-water, *Guidelines for drinking-water quality, 2nd ed. Vol. 2. World Health Organization, Geneva.*
- WHO, World Health Organization (2011). Nitrate and Nitrite in Drinking-water *Guidelines for drinking-water quality, World Health Organization, Geneva.*
- Whole Gujarat Rainfall Report, 2015 Dated 16th June 2015 – Morning, <http://www.gujaratweather.com/wordpress/?p=8748>. (Accessed on April 5th 2017).
- Wichmann, F. A., Müller, A., Busi, L. E., Cianni, N., Massolo, L., Schlink, U., & Sly, P. D. (2009). Increased asthma and respiratory symptoms in children exposed to petrochemical pollution. *Journal of Allergy and Clinical Immunology*, 123(3), 632-638.
- Winkleby, M. A., Jatulis, D. E., Frank, E., & Fortmann, S. P. (1992). Socioeconomic status and health: how education, income, and occupation contribute to risk factors for cardiovascular disease. *American journal of public health*, 82(6), 816-820.
- Woltman, H., Feldstain, A., MacKay, J. C., & Rocchi, M. (2012). An introduction to hierarchical linear modeling. *Tutorials in Quantitative Methods for Psychology*, 8(1), 52-69.
- World Health Organization. (2011). Nitrate and Nitrite in Drinking-water *.Guidelines for drinking-water quality*. Geneva: world health organization.
- Zamorano, M., Molero, E., Hurtado, Á., Grindlay, A., & Ramos, Á. (2008). Evaluation of a municipal landfill site in Southern Spain with GIS-aided methodology. *Journal of hazardous materials*, 160(2), 473-481.

Zhang, M., Holman, C. D. A. J., Price, S. D., Sanfilippo, F. M., Preen, D. B., & Bulsara, M. K. (2009). Comorbidity and repeat admission to hospital for adverse drug reactions in older adults: retrospective cohort study. *Bmj*, *338*, a2752.

Zhao, L., Xu, Y., Hou, H., Shangguan, Y., & Li, F. (2014). Source identification and health risk assessment of metals in urban soils around the Tanggu chemical industrial district, Tianjin, China. *Science of the Total Environment*, *468*, 654-662.

Zhu, C., Bai, G., Liu, X., & Li, Y. (2006). Screening high-fluoride and high-arsenic drinking waters and surveying endemic fluorosis and arsenism in Shaanxi province in western China. *Water Research*, *40*(16), 3015-3022.

Zhu, Y., Zou, X., Feng, S., & Tang, H. (2006). The effect of grain size on the Cu, Pb, Ni, Cd speciation and distribution in sediments: a case study of Dongping Lake, China. *Environmental Geology*, *50*(5), 753-759.
