

REFERENCES

- Adriano, D.C., 2001, **Trace Elements in Terrestrial Environments; Biogeochemistry, Bioavailability and Risks of Metals**, 2nd ed., Springer: New York, pp. 264.
- Adriano, D.C., Page, A.L., Elseewi, A.A. and Chang, A.C., 1982, "Cadmium Availability to Sudangrass Grown on Soils Amended with Sewage Sludge and Fly Ash", **Journal of Environmental Quality**, Vol. 11, pp. 197-203.
- Ahalya, N., Ramachandra, T.V. and Kanamadi, R.D., 2003, "Biosorption of Heavy Metals", **Research Journal of Chemistry and Environment**, Vol. 7, pp. 359-371.
- Aksu, Z. and Akpınar, D., 2000, "Modelling of Simultaneous Biosorption of Phenol and Nickel(II) onto Dried Aerobic Activated Sludge", **Separation Purification Technology**, Vol. 2, pp. 87-99.
- Aksu, Z., 2001, "Equilibrium and Kinetic Modeling of Cadmium(II) Biosorption by *C. vulgaris* in a Batch System Effect of Temperature", **Purification Technology**, Vol. 21, pp. 285-294.
- Aksu, Z., Sağ, Y. and Kutsal, T., 1992, "The Biosorption of Copper(II) by *C. vulgaris* and *Z. ramigera*", **Environmental Technology**, Vol. 13, pp. 579-86.
- ASTM, 1997, **Annual Book of ASTM Standards**, American Society for Testing and Materials, Vol. 04-08.
- Ayaga, G., Todd, A. and Brookes, P.C., 2005, "Biological Cycling of Phosphorus Increases its Availability to Crops in Low-Input Sub-Saharan Farming Systems", **Sciencedirect**, Vol. 38, pp. 81-90

Babic, B.M., Milonjic, S.K., Polovina, M.J., Cupic, S. and Kaludjerovic, B.V., 2002, "Adsorption of Zinc, Cadmium and Mercury Ions from Aqueous Solutions on an Activated Carbon Cloth", **Carbon**, Vol. 40, pp. 1109-1115.

Barkat, M.A., Chen, Y.T. and Huang, C.P., 2004, "Removal of Toxic Cyanide and Cu(II) ion from Water Illuminated TiO₂ Catalyst", **Applied Catalysis B: Environmental**, Vol. 53, pp. 13–20.

Basta, N.T. and Sloan, J.J., 1999, "Bioavailability of Heavy Metals in Strongly Acidic Soils Treated with Exceptional Quality Biosolids", **Journal of Environmental Quality**, Vol. 28, pp. 633-638.

Basta, N.T., Gradwohl, R., Snethen, K.L. and Schroder, J.L., 2001, "Chemical Immobilization of Lead Zinc and Cadmium in Smelter Contaminated Soils Using Biosolids and Rock Phosphate", **Journal of Environmental Quality**, Vol. 30, pp. 1222-1230.

Basta, N.T., Gradwohl, R., Snethen, K.L. and Schroder, J.L., 2001, "Chemical Immobilization of Lead, Zinc and Cadmium in Smelter-Contaminated Soils Using Biosolids and Rock Phosphate", **Journal of Environmental Quality**, Vol. 30, pp. 1222-1230.

Benhima, H., Chiban, M., Sinan, F., Seta, P., Persin, M., 2008, "Removal of Lead and Cadmium Ions from Aqueous Solution by Adsorption Onto Micro-Particles of Dry Plants", **Colloids and Surfaces B: Biointerfaces**, Vol. 61, pp. 10-16.

Bolan, N.S., Adriano, D.C. and Curtin, D., 2003a, "Soil Acidification and Liming Interactions with Nutrient and Heavy Metal Transformation and Bioavailability", **Advances in Agronomy**, Vol. 78, pp. 216-272.

Bolan, N.S., Adriano, D.C., Duraisamy, P. and Mani, A., 2002, "Immobilization and Phytoavailability of Cadmium in Variable Charge Soils: II. Effect of lime addition", **Plant and soil**, Vol.251, pp. 187-198.

Bolan, N.S., Adriano, D.C., Duraisamy, P. and Mani, A., 2003, “Immobilization and Phytoavailability of Cadmium in Variable Charge Soils: III. Effect of biosolid compost addition”, **Plant and soil**, Vol.256, pp. 231-241.

Bolan, N.S., Adriano, D.C., Duraisamy, P., Mani, A. and Arulmozhiselvan, K., 2002, “Immobilization and Phytoavailability of Cadmium in Variable Charge Soils. I. Effect of phosphate addition”, **Plant and soil**, Vol.250, pp. 83-94.

Bolan, N.S., Hedley, M.J. and Loganathan, P., 1993, “Preparation, Forms and Properties of Slow-Release Phosphate Fertilizers”, **Fertilizer Research**, Vol. 35, pp. 13-24.

Bolan, N.S., Naidu, R., Khan, M.A.R., Tillman, R.W. and Syers, J.K., 1999b, “The Effects of Anion Sorption on Sorption and Leaching of Cadmium”, **Australian Journal of Soil Research**, Vol. 37, pp. 445-460.

Bolan, N.S., White, R.E. and Hedley, M.J., 1990, “A Review of the Use of Phosphate Rock as Fertilizer for Direct Application in Australia and New Zealand”, **Australian Journal of Experimental Agriculture**, Vol. 30, pp. 297-313.

Bolland, M.D.A., Posner, A.M. and Quirk, J.P., 1977, “Zinc Adsorption by Goethite in the Absence and Presence of Phosphate”, **Australian Journal of Soil Research**, Vol.15, pp.279-286.

Boost, M.V. and Poon, C.S., 1998, “The Effect of a Modified Method of Lime Stabilisation Sewage Treatment on Enteric Pathogen”, **Environment International**, Vol. 24, pp. 783-788.

Brady, N.C. and Weil, R.R., 2002, **Elements of the Nature and Properties of Soils**. Prentice Hall, New Jersey.

Brallier, S., Harrison, R.B., Henry, C.L. and Dongsen, X., 1996, “Liming Effects on Availability of Cd, Cu, Ni and Zn in a Soil Amended with Sewage Sludge 16 Years Previously”, **Water, Air and Soil Pollution**, Vol. 86, pp. 195-206.

Brown, S., Chaney, R. and Angle, J.S., 1997, "Subsurface Liming and Metal Movement in Soils Amended With Lime-Stabilized Biosolids", **Journal of Environmental Quality**, Vol. 26, pp. 724-732.

Brown, S., Chaney, R., Angle, J.S. and Ryan, J.A., 1998, "The Phytoavailability of Cadmium to Lettuce in Long-Term Biosolid Amended Soil", **Journal of Environmental Quality**, Vol. 27, pp. 1071-1078.

Çay, S., Uyanik, A., Özaşık, A., 2004, "Single and Binary Component Adsorption of Copper(II) and Cadmium(II) from Aqueous Solutions Using Tea-Industry Waste", **Separation and Purification Technology**, Vol. 38, pp. 273-280.

Celaya, R.J., Noriega, J.A., Yeomans, J.H., Ortega, L. J. and Ruiz Manriquez, A., 2000, "Biosorption of Zn(II) by Thiobacillus Ferrooxidans", **Bioprocess Engineering**, Vol.22, No.6, pp.539-542.

Charles, H., 2005, **Cliffs Study Solver Chemistry**, 1st ed., Wiley Publishing, Canada, pp. 178.

Cordero, B., Lodeiro, P., Herrero, R. and Esteban Sastre de Vicente M., 2004, "Biosorption of Cadmium by Fucus Spiralis", **Environmental Chemistry**, pp.180-187.

Crist, R.H., Oberholser, K., Shank, N. and Nguyen, M., 1981, "Nature of Bonding between Metallic Ions and Algae Cell Walls", **Environmental Science and Technology**, Vol. 15, pp. 1212-1217.

Davis, R.D., 1989, "Agricultural Utilization of Sewage Sludge: a Review", **Journal of the Institution of Water & Environmental Management**, Vol. 3, pp. 351-355.

Del Castilho, P., Chandron, W.J. and Salomons, W., 1993, "Influence of Cattle Manure Slurry Application on the Solubility of Cadmium, Copper, and Zinc in a Manure Acidic Loamy Sand Soil", **Journal of Environmental Quality**, Vol. 22, pp. 689-697.

Doyurum, S., Celik, A., 2006, “Pb(II) and Cd(II) Removal from Aqueous Solutions by Olive Cake”, **Journal of Hazardous Materials**, Vol. 138, pp. 22-28.

EPA (Environmental Protection Agency), 1995, **Land Application of Sewage Sludge and Domestic Septage**, Office of Research and Development, Washington, DC, EPA/625/K-95/001.

Ercole, C., Veglif, O., Toro, L., Ficara, G. and Lepidi, A., 1994, **Immobilisation of Microbial Cells for Metal Adsorption and Desorption. In: Mineral Bioprocessing II**, Snowboard. Utah

Erdem, M. and Ozverdi, A., 2005, “Lead Adsorption from Aqueous Solution onto Siderite”, **Journal of Separation Purification Technology**, Vol. 42, pp. 259-264.

Evangelou, V.P. and Zhang, Y.L., 1995, “A Review: Pyrite Oxidation Mechanisms and Acid Mine Drainage Prevention”, **CRC Critical Review on Environmental Science and Technology**, Vol. 252, pp. 141-199.

Feng, D., Aldrich, C. and Tan, H., 2000, “Treatment of Acid Mine Water by Use of Heavy Metal Precipitation and Ion Exchange”, **Minerals Engineering**, Vol. 13, No.6, pp. 623-642.

Fox, R.L. and Kamprath, E.J., 1971, “Adsorption and Leaching of P in Acid Organic Soils and High Organic Matter Sand”, **Journal of Soil Science Society of American Proceedings** [Electronic], Vol. 35, pp. 154–156, Available : Elsevier/Science Direct [2013, October 22].

Friis, N. et al., 1986, “Biosorption of Uranium and Lead by *Streptomyces Longwoodensis*”, **Biotechnology Bioengineering**, Vol. 28, pp. 21-28.

Galun, M. *et al.*, 1987, “Removal of Metal Ions from Aqueous Solutions by *Pencillium* Biomass: Kinetic and Uptake Parameters”, **Water, Air and Soil Pollution**, Vol. 33, pp. 359-371.

Giffith, B., 2008, "Phosphorus", **Efficient Fertilizer Use Manual**, p. 1.

Gupta, V.K., Jain, C.K., Ali, I., Sharma, M., Saini, V.K., 2003, "Removal of Cadmium and Nickel from Wastewater Using Bagasse Fly Ash-a Sugar Industry Waste", **Water Research**, Vol. 37, pp. 4038-4044.

Hashim, M.A., Chu, K.H., 2004, "Biosorption of Cadmium by Brown, Green, and Red Seaweeds", **Chemical Engineering Journal**, Vol. 97, pp. 249-255.

Haynes, R.J. and Williams, P.H., 1993, "Nutrient Cycling and Soil Fertility in the Grazed Pasture Ecosystem", **Advances in Agronomy**, Vol. 49, pp. 119-199.

Holan, Z.R., Volesky, B. and Prasetyo, I., 1993, "Biosorption of Cadmium by Biomass of Marine Algae", **Biotechnology and Bioengineering**, Vol. 41, pp. 819-825.

Hyun, H., Chang, A.C., Parker, D.R. and Page, A.L., 1998, "Cadmium Solubility and Phytoavailability in Sludge-Treated Soil: Effects of soil organic matter", **Journal of Environmental Quality**, Vol. 27, pp. 329-334.

Jackson, M.L., 1967, **Soil chemical analysis**, Prentice Hall of India Private Limited, New Delhi, p. 498.

Jiang, J.G., Wang, J., Xu, X. et al., 2004, "Heavy Metal Stabilization in Municipal Solid Waste Incineration Fly Ash Using Heavy Metal Chelating Agents", **Journal of Hazardous Materials**, Vol. 113, pp. 141-146.

Jimenez-Cisneros, BE., Maya-Rendon, C., Salgado-Velasquez, G., 2001, "The Elimination of Helminth Ova, Faecal Coliforms, Salmonella and Protozoa Cysts by Various Physicochemical Processes in Wastewater and Sludge", **Water Science Technology**, Vol.43, No. 12, pp. 179-182.

Jing, C., Meng, X. and Korfiatis, G.P., 2004, "Lead Leachability in Stabilized/Solidified Soil Samples Evaluated with Different Leaching Tests", **Journal of Hazardous Materials**, Vol. 114, No. 1-3, pp. 101-110.

John, M.K. and van Laerhoven, C.J., 1976, "Effects of sewage sludge composition, application rate, and lime regime on plant availability of heavy metals", **Journal of Environmental Quality**, Vol. 5, pp. 246-251.

Kandah, M.I., 2004, "Zinc and cadmium adsorption on low-grade phosphate", **Separation and Purification Technology**, Vol. 35, pp. 61-70.

Keefer, R.F., Codling, E.E. and Singh, R.N., 1984, "Fractionation of metal-organic components extracted from sludge-amended soil", **Soil Science Society of America Journal**, Vol. 48, pp. 1054-1059.

Khankruer, D., Sivakumar, M., Chaiyuth, C. and Bunsri, T., 2012, "Application of biomathematical model for Pb(II) biosorption and bioaccumulation", **The Sustainable Environment Research**, Vol. 22, No. 6, pp. 379-386.

Kocaer, F.O., Alkan, U. and Başkaya, H.S., 2003, "Use of lignite fly ash as an additive in alkaline stabilization and pasteurization of wastewater sludge", **Waste management and research**, Vol. 21, No. 5, pp. 448-458.

Kumar, P.Y., King, P. and Prasad V.S.R.K., 2006, "Zinc biosorption on *Tectona grandis* L. f. leaves biomass: Equilibrium and kinetic studies", **Chemical Engineering Journal**, Vol. 124, No. 1, pp. 63-70.

Kuo, S. and Mcneal, B.L., 1984, "Effects of pH and phosphate on cadmium sorption by a hydrous ferric oxide", **Soil Science Society of America Journal**, Vol. 48, pp. 1040-1044.

Laperche, V. and Traina, S.J., 1998, "Immobilization of Pb by hydroxyapatite. In Adsorption of metals by geomedia: variables, mechanisms, and model applications", pp. 225-276.

Leyva-Ramos, R., Rangel-Mendez, J.R., Mendoza-Baron, J., Fuentes-Rubio, L. and Guerrero-Coronado, R.M., 1997, "Adsorption of cadmium(II) from aqueous solution onto activated carbon", **Water Science Technology**, Vol. 35, pp. 205-210.

Li, J.Y., Shukla, S.S., Dorris, K.L. *et al*, 2003, “Adsorption of chromium from aqueous solutions by maple sawdust”, **Journal of Hazardous Materials**, Vol. 100, pp. 53-56.

Li, Z.B., Ryan, J.A., Chen, J.L. and Al-abed, S.R., 2001, “Adsorption of cadmium on biosolids-amended soils”, **Journal of Environmental Quality**, Vol. 30, pp. 903-911.

Logan, T.J. and Burnham, J.C., 1995, “The alkaline stabilization with accelerated drying process (N-viro): An advanced technology to convert sewage sludge into a soil product”, In: Karlen, D. L., Wright, R. J and Kemper W.O. (Eds). Agricultural utilization of urban and industrial by-products. ASA, CSSA and SSSA, Madison, WI,USA, ASA Special Publication, No. 58, pp.209-223.

Ludwick, E.A., 1997, **Phosphorus Fixation-The Good and Bad of It** [Online], Available : <http://www.ipni.net/ppiweb/agbrief.nsf> [2013, June 26].

Matlock, M.M., Howerton, B.S., Atwood, D.A., 2002, “Chemical precipitation of heavy metals from acid mine drainage”, **Water Research**, Vol. 36, No. 19, pp. 4757-4764.

Mohammadi, T., Moheb, A., Sadrzadeh, M. and Razmi, A., 2005, “Modeling of metal ion removal from wastewater by electrodialysis”, **Separation Purification Technology**, Vol. 41, No. 1, pp. 73-82.

Mohan, D., Jr. Pittman, C.U., Bricka, M., Smith, F., Yancey, B., Mohammad, J., Steele, P.H., Alexandre-Franco, M.F., Gomez-Serrano, V., Gong, H., 2007, “ Sorption of arsenic, cadmium, and lead by chars produced from fast pyrolysis of wood and bark during bio-oil production”, **Journal of Colloid Interface Science**, Vol. 310, pp. 57-73.

Mohan, D., Singh, K.P., 2002, “Single- and multi-component adsorption of cadmium and zinc using activated carbon derived from bagasse-an agricultural waste”, **Water Research**, Vol. 36, pp. 2304-2318.

Naidu, R., Bolan, N.S., Kookona, R.S. and Tiller, K.G., 1994, “Ionic-strength and pH effects on the sorption of cadmium and the surface charge of soils”, **European Journal of soil Research**, Vol. 45, pp. 419-429.

Naidu, R., Kookana, R.S., Sumner, M.E., Harter, R.D. and Tiller, K.G., 1996, "Cadmium adsorption and transport in variable charge soils": A review, **Journal of Environmental Quality**, Vol. 26, pp. 602-617.

Nelson, D.R., 2001, **Kirk-Othmer Encyclopedia of Chemical Technology**, 4thed., West virginia university, USA, pp. 1093-1113.

Nriagu, J.O., 1998, "Asilent epidemic of environmental metal poisoning", **Environmental Pollution**, Vol. 50, pp. 139-161.

N-viro International Corporation., **Soils** [online], Available: <http://www.nviro.com> [2013, May 18].

Olsen, S.R. and Sommers, L.E., 1982, **Methods of Analysis, Past 2. Chemical and Microbiology Properties-Agronomy Monograph no.9**, 2nd ed., Madison, WI, USA, pp. 403-430.

Ozdemir, G., Ceyhan, N., Ozturk, T., Akirmak, F., Cosar, T., 2004, "Biosorption of Chromium(VI), cadmium(II) and copper(II) by Pantoea sp. TEM18", **Chemical Engineering Journal**, Vol. 102, pp. 249-253.

Ozdemir, G., Ozturk, T., Ceyhan, N., Isler, R., Cosar, T., 2003, "Heavy metal biosorption by biomass of Ochrobactrum anthropi producing exopolysaccharide in activated sludge", **Bioresource Technology**, Vol. 90, pp. 71-74.

Pattweson, J.W., 1997, **Industial Waste Water Treatment Technology**, Science Publishers, New York.

Pearson, M.S., Maenpaa, K., Pierzynski, G.M. and Lydy, M.J., 2000, "Effects of soil amendments on the bioavailability of lead, zinc, and cadmium to earthworms", **Journal of Environmental Quality**, Vol. 29, pp. 1611-1617.

Peech, M., 1965, "Hydrogen ion activity", In **Methods of Soil Analysis**, Part 2, Black, C.A., (Ed.), Agronomy No.9. American Society of Agronomy, Medison, USA. pp. 914.

Pierzynski, G.M. and Schwab, A.P., 1993, “Bioavailability of Zinc, Cadmium and Lead in a Metal Contaminated Alluvial Soil”, **Journal of Environmental Quality**, Vol. 22, pp. 247-254.

Pietz, R.I., Peterson, J.R., Hinesly, T.D., Ziegler, E.L., Reborg, K.E. and Lue-Hig, C., 1983, “Sewage Sludge Application to Calcareous Strip-Mine Spoil: Effect on Spoil and Corn Cd, Cu, Ni, and Zn”, **Journal of Environmental Quality**, Vol. 12, pp. 463-467.

Poon, C.S. and Boost, M.V., 1996, “The Stabilisation of Sewage Sludge by PFA and Related Materials”, **Environment International**, Vol. 22, pp. 705-710.

Rajan, S.S.S., Fox, R.L., Saunders, W.M.H. and Upsdell, M., 1991, “Influence of pH, Time, and Rate of Application on Phosphate Rock Dissolution and Availability of Pasture. I. Agronomic Benefits”, **Journal of Fertilizer Research**[Electronic], Vol. 28, pp. 85–93, Available : Elsevier/Science Direct [2013, June 17].

Rajan, S.S.S., Watkinson, J.H. and Sinclair, A.G., 1996, “Phosphate Rocks for Direct Application to Soils”, **Advances in Agronomy**, Vol. 57, pp. 77-159.

Rhoades, J.D., 1982, **Methods of Analysis, Past 2 Chemical and Microbiology Properties-Agronomy Monograph no.9**, 2nd ed., pp. 149-157.

Roberts, A.H.C., Longhurst, R.D. and Brown, M.W., 1994, “Cadmium Status of Soils, Plant and Grazing Animals in New Zealand”, **New Zealand Journal of Agricultural Research**, Vol. 37, pp. 119-129.

Sağ, Y. and Kutsal, T., 1995, “Biosorption of Heavy Metals by *Zoogloea ramigera*: Use of Adsorption Isotherms and a Comparison of Biosorption Characteristics”, **Chemical Engineering Journal and the Biochemical Engineering Journal**, Vol. 60, pp. 181-188.

Schnitzer, M., 1982, **Methods of Analysis, Past 2. Chemical and Microbiology Properties-Agronomy Monograph no.9**, 2nd ed., Madison, WI, USA, pp. 581-594.

Senesi, N., 1992, "Metal-humic Substance Complexes in the Environment. Molecular and Mechanistic Aspects by Multiple Spectroscopic Approach", **Biogeochemistry of Trace Metals**, pp. 425-491.

Sharpley, A., 2007, "Managing Phosphorus for Agriculture and the Environment", **College of Agricultural Sciences Agricultural Research and Cooperative Extension**, pp. 2-5.

Soon, Y.K., 1981, "Solubility and Sorption of Cadmium in Soils Amended with Sewage Sludge", **Journal of Soil Science**, Vol. 32, pp. 85-95.

Street, J.J., Sabey, B.R. and Lindsay, W.L., 1978, "Influence of pH, Phosphorus, Cadmium, Sewage Sludge, and Incubation Time on the Solubility and Plant Uptake of Cadmium", **Journal of Environmental Quality**, Vol. 7, pp. 286-290.

Swe Swe, M. and Okazaki, M., 2012, "Investigation of Cd Contents in Several Phosphate Rocks Used for the Production of Fertilizer", **Microchemical Journal**, pp.17-21.

Thakur, S.K., Tomar, N.K. and Pandeya, S.B., 2006, "Influence of Phosphate on Cadmium Sorption by Calcium Carbonate", **Geoderma**, Vol. 130, pp. 240-249.

Toles, C.A., Marshall, W.E., Johns, M.M., 1997, "Granular Activated Carbons from Nutshells for the Uptake of Metals and Organic Compounds", **Carbon**, Vol. 35, pp. 1407-1414.

Topac, F.O., Baskaya, S.H. and Alkan, U., 2008, "The Effects of Fly Ash Incorporation on Some Available Nutrient Contents of Wastewater Sludges", **Bioresource Technology**, Vol. 99, pp. 1057-1065.

Tsai, W.T., Lai, C.W. and Hsien, K.J., 2004, "Adsorption Kinetics of Herbicide Paraquat from Aqueous Solution onto Activated Bleaching Earth", **Journal of Chemosphere**, Vol.55, pp. 829-837.

Tsezos, M. and Volesky, B., 1981, "Biosorption of Uranium and Thorium", **Biotechnology. Bioengineering**, Vol. 23, pp. 583-604.

Tudoreanu, L. and Phillips, C.J.C., 2004, "Modeling Cadmium Uptake and Accumulation in Plants", **Advances in Agronomy**, Vol. 84, pp. 121-157.

U.S Environmental Protection Agency, 1993, 40 CFR Part 503 Standards for the use or disposal of sewage sludge, Federal Register 58, USEPA, Washington, DC.

U.S Environmental Protection Agency, **Fly Ash** [online], Available: <http://www.epa.gov/osw/conservation/rrr/imr/ccps/flyash.htm> [2013, April 18].

US-EPA (1999) Use of monitored natural attenuation at superfund, RCRA corrective action, and underground storage tank sites. Directive number 9200.4-17P. **EPA, office of solid Waste and Emergency Response**, Washington, DC.

Vasseur, L., Fortin, M.J. and Cyr, J., 1998, "Clover and Cress as Indicator Species of Impacts from Limed Sewage Sludge and Landfill Wastewater Land Application", **Science of Total Environment**, Vol. 217, pp. 231-239.

Vasudevan, P., Padmavathy, V. and Dhingra, S.C., 2002, "Biosorption of Mono Valent and Divalent Ions on Baker's Yeast", **Journal Bioresource Technology**, Vol. 82, pp. 285-294.

Veglió, F. and Beolchini, F., 1997, "Removal of Metals by Biosorption: Review", **Hydrometallurgy**, Vol. 44, pp. 301-316.

Volesky, B., 2007, "Biosorption and Me", *Water Research*, Vol. 41, pp. 4017-4029.

Walker, J.M., Southworth, R.M. and Rubin, A.B., 1997, US Environmental Protection Agency regulations and other stake holders activities affecting agricultural use of by-products and wastes . **In Agricultural uses of by-products and wastes**. pp.28-47.

Wang, J.L. and Chen, C., 2006, “Biosorption of Heavy Metals by *Saccharomyces Cerevisiae*: A Review”, **Biotechnology Advances**, Vol. 24, No. 5, pp. 247-451.

Wang, J.L. and Chen, C., 2009, “Biosorbents for Heavy Metals Removal and Their Future”, **Biotechnology Advances**, Vol. 27, No. 2, pp. 195-226.

Wang, X. *et al*, 2006, “Biosorption of Cu(II) and Pb(II) from Aqueous Solutions by Dried Activated Sludge”, **Minerals Engineering**, Vol. 19, pp. 968–971.

Westerman, P.W. and Bicudo, J.R., 2000, “Tangential Flow Separation and Chemical Enhancement to Recover Swine Manure Solids, Nutrients and Metals”, **Bioresource Technology**, Vol. 73, pp. 1-11.

Westphal, P.A., Christensen, G.L., 1983, “Lime Stabilization: Effectiveness of Two Process Modifications”, **Journal of Water Pollution**, Vol. 55, No. 11, pp. 1381-1387.

Yalçinkaya, Y., Soysal, L., Denizli, A., Arica, M.Y., Bektaş, S., Genc, O., 2002, “Biosorption of Cadmium from Aquatic Systems by Carboxymethylcellulose and Immobilized *Trametes Versicolor*”, **Hydrometallurgy**, Vol. 63, pp. 31-40.