

LIST OF PUBLICATIONS OF DR SUBODH KUMAR MAITI

A. Book Published: 02

1. Maiti Subodh Kumar (2001). **Handbook of Methods in Environmental studies (Vol.1: Water and Wastewater analysis)**. ABD Publishers, Jaipur. ISBN 81-8577-34-0. p. 307.
Maiti Subodh Kumar (2004). **Handbook of Methods in Environmental studies (Vol.1: Water and Wastewater analysis)**. ABD Publishers, Jaipur. ISBN 81-8577-34-0. p. 307 (**2nd Edition**)
2. Maiti S.K. (2002). **Handbook of Methods in Environmental studies (Vol.2: Air, Noise, Soil and Overburden analysis)**. ABD Publishers, Jaipur. ISBN 81-85771-58-8. p. 250.

B. Chapter Published in Books: 10

1. Subodh Kumar Maiti and S. Nandhini (2008). Bioavailability of metal in fly ash and their bioaccumulation in naturally occurring vegetation. In *Environmental Science and Technology in India* (ed. by Arvind Kumar and R.K. Somashekar). Delhi, Daya, 2008, xii, 540 p., ISBN 81-7035-541-0 7.
2. Das, Manab & Maiti Subodh Kumar (2008). Chapter 32 - Heavy metals and its accumulation in plants thriving on metal enriched soil (page 383-395). In *Air, Water and Soil Pollution* (eds KK Singh et.al), Kalyani Publishers, New Delhi.
3. Maiti Subodh Kumar (2007). Ecological impact assessment of surface mining project. In "Environmental degradation and protection" Volume –II (ed KK Singh et al.), MD Publication Pvt. Ltd, New Delhi. pp. 1-31.
4. Maiti, Subodh Kumar (2002). *Ecological Environment* pp.110-141 in "Environmental Management in Mining areas" (ed. N.C. Saxena et al.), Scientific Publishers (India), Jodhpur.
5. Markandey, DK, Maiti, S.K, Makhijani SD and Markandey NR (2002). Removal and recover of chromium from aqueous solution and industrail effleunts by miorganisms and other non-conventional bioabsorbents; in *Microorganisms in Bioremediataion* (eds. Markandey DK and NR Markandey), Capital Publishing company, New Delhi, pp.139-153.
6. Firoz Aktar, Markandey NR, jagdish, Markandey, DK, Maiti, SK and Makhijani SD (2002). Environmental Terms, Associated Laws and their description. In *Microorganisms in Bioremediataion* (eds. Markandey DK and NR Markandey), Capital Publishing company, New Delhi, pp.155-180.
7. Maiti, Subodh Kumar (1999). Accumulation of heavy metals in *Eucalyptus, Acacia* and *Melia* growing on coalmine spoils irrigated with raw domestic sewage. In *Environmental Management in Coalmining and Thermal Power Plants* (eds. PC Mishra & Naik, A). Technoscience Publications, 1999, Jaipur. pp. 202-217.
8. Maiti, Subodh Kumar (1998). Carrier activated sludge process (CASP) – a new branch in wastewater treatment technology. In *Advances in wastewater treatment technologies* (ed. RK Trivedy), Enviromedia, 1998, Karad, pp. 81-85.

9. Maiti, Subodh Kumar (1998). Sequencing batch reactor: A state-of-art technology for wastewater treatment. In *Advances in wastewater treatment technologies* (ed. RK Trivedy), Enviromedia, 1998, Karad, pp. 86-93.
10. Maiti, Subodh Kumar (1997). Economic valuation of Environmental Impacts of open-cast coal mining project: An appraisal in Indian context, In *Issues of Environment and Sustainability* (ed. V.P. Upadhaya), Nandighosh 1997, Bhubaneswer, pp.112-125.

C. Publications in International Referred Journals: 17

1. Das, M., and **S. K. Maiti (2009)**. Growth of *Cymbopogon citrates* and *Vetiveria zizanioides* on Cu mine tailings amended with chicken manure and manure-soil mixtures: A pot scale study. *International J of Phytoremediation*, Vol 11 (8), (October 2009): 651-663.
2. Das, M. and **Maiti, Subodh Kumar (2008)**. A comparative study on metal accumulation in *E. indica*, *C. citrates* and *V. zizanioides* grown on Copper Mine waste. *Asian J of Water, Environment and Pollution*, Vol 5 (4): 43-47. (October 2008).
3. **Maiti, Subodh Kumar** and Shishir Jaiswal S (2008). Bioaccumulation and translocation of metals in the natural vegetation growing on fly ash lagoons: A field study from Santaldih Thermal Power Plant, West Bengal, India, *Env Moni & Assess*. 136: 335-370.
4. Das M, and **Subodh Kumar Maiti (2008)**. Metal accumulation in naturally colonizing vegetation in an abandoned Cu-tailing pond of Rakha mines, East Sighbhum, Jharkhand, India. *Land reclamation & Contamination* (UK), 16(2): 135-153.
5. Das, Manab and **Subodh Kumar Maiti (2008)**. Comparison between availability of heavy metals in dry and wetland tailing of an abandoned copper-tailing pond. *Env Moni & Assess (Springer)* Vol. 137 (1-3): 343–350 (February 2008).
6. Das, Manab and **Subodh Kumar Maiti (2007)**. Metal accumulation in 5 native plants growing on abandoned Cu-tailings ponds, *Applied Ecology & Environmental Research* 5(1): 27-35.
7. **Maiti, Subodh Kumar**, Shee C. and Ghose MK (2007). Selection of plant species for the reclamation of mine degraded land in the Indian context. *Land Contamination & Reclamation*, 15 (1): 55- 66, EPP Publications Ltd (UK).
8. **Maiti Subodh Kumar. (2007)**. Bioreclamation of coalmine overburden dumps—with special emphasis on micronutrients and heavy metals accumulation in tree species. *Environ Monit Assess* Vol. 125:111–122
9. Manab Das & **Subodh Kumar Maiti (2007)**. Metal accumulation in *A. baccifera* growing naturally on abandoned cu-tailings pond *Environmental Monitoring and Assessment*, Vol 127, 1-3: 119-125.

10. Das, M., **Subodh Kumar Maiti (2007)**. Metal mine waste and phytoremediation: A review. *Asian Journal of Water, Environment and Pollution*. Vol 4(1): 169-176.
11. **Maiti Subodh Kumar. (2006)**. Properties of minesoil and its affects on bioaccumulation of metals in tree species: A case study from a large opencast coalmining project. *International Journal of Mining, Reclamation and Environment*, Vol. 20, No. 2, June 2006, 96 – 110 (Taylor & Francis, UK)
12. Das, M, **Maiti Subodh Kumar** and Mukhopadhyay U. **(2006)**. Distribution of PM2.5 and PM2.5-10 in PM10 fraction in ambient air of Kolkata city, India., *Env. monitoring & Assessment*, Vol. 122, 1-3: 111-123. (Springer, Netherlands).
13. **Maiti Subodh Kumar** and Nandhini N., **(2006)**. Bioavailability of metals in fly ash and their bioaccumulation in naturally occurring vegetation. *Environmental Monitoring & Assessment*, Volume 116 (1-3): 263-273, (May 2006). (Springer, Natherlands)
14. **Maiti Subodh Kumar**, Nandhini S. and Das Manab **(2005)**. Accumulation of metals by naturally growing herbaceous and tree species in iron ore tailings. *Int Jr Environmental Studies*, 62(5): 503-63. (Taylor & Francis, UK).
15. **Maiti Subodh Kumar** and Ghose MK **(2005)**. Ecorestoration of acidic coalmine overburden dumps- an Indian case studies. *Land Contamination and & Reclamation* (UK), Volume 13 (4): 361-369. (EPP publications, UK)
16. **Maiti Subodh Kumar** and Saxena N.C **(1998)**. Biological reclamation of coalmine spoils without topsoil: An amendment study with domestic raw sewage and grass-legumes mixture. *International J. of Surface Mining, Reclamation and Environment*, 12: 87-90. (Taylor & Francis, UK)
17. **Maiti Subodh Kumar**, Gupta, S.K and Joshi S.J. **(1988)**. Nutrient removal and conservation by activated algae in oxidation ditch. *Journal of Water Pollution Control Federation*, 60(12): 2115-2119. (USA).

D. Publications in National Referred Journals - 29 nos

1. Mukhopadhyay Sangeeta and S K Maiti **(2009)**. Reclamation of Mine Spoils With Vesicular Arbuscular Mycorrhiza (VAM) Fungi - A Review. *Environment & Ecology*, Vol. 27 (2): 642-2009.
2. Mukhopadhyay Sangeeta and Subodh Kumar Maiti. **(2008)**. Identification of Sustainable Indicators to Assess the Health of Restored Mine Degraded Land – A Review. *Environment & Ecology*, Vol 26(4): 1453-1461.
3. Maiti Subodh Kumar **(2007)**. Minesoil properties of different aged reclaimed coalmine overburden dumps of Korba, Gevra and Kumdanda area of SECL, India. *MINETECH*, Vol 28 (2 &3): 93-98 (Apr- Sep 2007).
4. Maiti Subodh Kumar **(2007)**. Water Quality Impact Assessment and Management for Opencast Coal Mining Projects, *IJEP*, Vol. 27, No. 11 (November): 967-979.
5. Maiti, Subodh Kumar **(2007)**. Sequencing Batch Reactor (SBR) Process: An Answer to Simultaneous Removal of BOD, Nitrogen and Phosphorus from Wastewater, *IJEP*, Vol. 27 (no.6): 527-533.

6. Maiti Subodh Kumar (2006). Properties of minesoil in KD Heslong project, North Karapura area, CCL and its affects on bioaccumulation of toxic metals in tree species. *MINETECH*, Vol. 27 (No. 3-4), July- Dec 2005, p. 41-53.
7. Maiti Subodh Kumar and Halder A (2006). Treatment of Coke oven effluents by Duckweeds – a lab-scale study, *IJEP* 26 (5): 449-457 (May 2006).
8. Rakesh Kumar, Das, M., and Maiti S.K. (2006). Evaluation of phytoremediation of Cu mine waste from Mosaboni, East Sighbhum. *IJEP*, Vol 26 (3): 233-239. (March 2006).
9. S. Jaiswal, Das, M and Maiti SK (2006). Environmental impact of fly ash and its management: An overview, *IJEP*, Vol. 26(3): 268-275. (March 2006).
10. **Maiti Subodh Kumar (2006)**. Eco restoration of coalmine OB dumps – with special emphasis on tree species and improvements of dump physico-chemical, nutritional & biological characteristics. *MGMI Transactions*, Vol. 102 (1 &2): 21-36, (April 2005- March 2006).
11. **Maiti Subodh Kumar** and Debalina Das (2004). Eco restoration of coalmine overburden dumps, *Environment & Ecology* 22 (Spl-2): 329-333. (June 2004)
12. Ganguly, S. and **Maiti, S.K.** (2004). Genesis of domestic sewage - case study of a residential university campus. *J of Environ. Science & Engg.* 46 (2): 79-85.
13. Das, M. and **Maiti, S.K.** (2004). Current status of PM10 and P2.5 research: A Review, *Indian J of Environmental Protection*, 24(10): 746-752.
14. **Maiti, S.K.** and Sangeeta Ganguly (2003). Mineral pick-up in Domestic sewage - A case study. *Ind. J of Environmental protection.* 23 (5): 538- 543.
15. **Maiti, S.K.**, Shee C and Jha P.C (2003). Status of VAMF- infections and spores in an afforested coalmine overburden dump. *Minetech*, 24(4): 48-53
16. **Maiti, S.K.**, Shee C and Jha P.C (2003). Selection of plant species for development of green belts in mining areas. *Minetech*, 24 (2-3): 65-71.
17. Banerjee, S., Singh S.K. and **Maiti, S.K** (2002). Effluent generation and its treatment during steel making - an overview. *Ind. J of Environmental protection.* 21(12): 1105-1117.
18. **Maiti, S.K.**, Karmakar NC and Sinha IN (2002). Studies into some physical parameters adding biological reclamation of mine spoil dump - a case study from Jharia coalfields. *The Indian Mining & Engineering Journal*, June, 2002. p. 20-23.
19. **Maiti S.K** and Sangeeta Ganguly (2002). Errors in the performance of BOD₃²⁷ and BOD₅₂₀ test and its effect on determination of rate constant. *Ind. J of Environmental protection.* 22 (10): 1113-1119.
20. **Maiti SK** and Chandan Shee (2002). Selection of tree species for design of green belts for absorption of gaseous pollutants with special emphasis on stomatal features. *Ind. J of Environmental protection.* 22 (10): 1185-1191.
21. **Maiti, S.K.** et.al, (1999). Effect or raw sewage on morphology, growth and productivity of *Vicia faba*. *Ind. J of Environmental protection:*19(10):753- 757.
22. **Maiti, S.K** and Chakroborty, P (1997). Performance of SBRs in biodegradation of phenolic wastewater, *Ind. J of Environmental protection*, 17 (3): 202-207.

23. **Maiti, S.K** (1997). Importance of VAM fungi in coalmine overburden reclamation & factors effecting the establishment of VAM Fungi on overburden dumps. *Environment and Ecology*, 15 (3): 602-608.
24. Maiti, S.K (1997). Nitrogen accumulation in Coalmine spoils by legume (*Stylosanthus humilis*). *Environment and Ecology*, 15 (3): 580-584.
25. Maiti, S.K and Mannhan, M. (1996). Anaerobic wastewater treatment & its scope in India. *Ind. J of Environmental protection*, 16(10): 741-747.
26. Maiti, S.K (1995). Reclamation of Spoil material by application of domestic raw sewage. *Ind. J of Environmental protection*, 15(4): 250-256.
27. Maiti, S.K (1993). Dust collection capacity of plants growing in coalmining areas. *Ind. J of Environmental protection*, 13(4): 76-80.
28. Maiti, S.K and Banerjee, S.P (1992). A comparative study on dust collecting potential of plants growing in Jharia Coalfield. *MGMI Transections*. Vol. 89(1): 54-61.
29. Maiti, S.K (1991). Potentiality of activated algae in domestic wastewater treatment and control of eutrofication. *Ind. J of Environmental protection* 11(5): 350-357.

E. Publications in Proceedings of Seminars/ Conferences (International) – 18

1. Subodh Kumar Maiti (2009). Ecorestoration scenario of coal mine degraded land in india: Present status and future prospects, presented in *International Conference on Ecological Restoration*, Perth Australia, 23-27 August 2009.
2. Subodh Kumar Maiti (2009). Accumulation of metals in timber and fruit trees: A case study of ecorestoration strategies for the coal mine overburden dumps of IB Valley Coalfields, MCL, India. presented in *International Conference on Ecological Restoration*, Perth Australia, 23-27 August 2009
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4. Maiti Subodh Kumar (2008). A critical appraisal of the Hazardous Waste Rules 1989 vis. The Hazardous Materials Rules 2007. In *Int. Symposium on Geo-science and Technology*, Feb 12-14, 2008, Dept of Mining Engg., IIT KGP.
5. Maiti Subodh Kumar (2007). Carbon sequestration by the restored mined out areas with tree species - an overview. *1st Int. Con. Managing the Social & Environmental Consequences of Coal Mining in India*. New Delhi, 19-21 November 2007.
6. Maiti SK (2007). Restoration of opencast coalmine degraded land: Current practices & future issues in India, *Tropical Ecology Congress (TEC 2007)*, 2-5 December, FRI, Dehradun.
7. Maiti S.K. and Gurdeep Singh (2006). Ecorestoration status of coalmine overburden dumps in Korba, Gevra and Kusmunda area of SECL, India, **pp. 217-224**, *In proceedings of The International symposium on Environmental issues of Mineral industries*, (eds SB Shringarputale et. al.), VNIT, Nagpur & CSM, UK, January 11-15 Jan 2006.

8. Maiti S.K. (2005). Reclamation strategies in coal mine overburden dumps of IB valley coalfields, MCL: a case study, pp. 453-457, *In proceedings of Int. Sym. on "Advances in Mining Tech & Management (AIM 2005)*, Nov 30- Dec 2, 2005, ME Dept IIT KGP.
9. Maiti, S.K., Gurdeep Singh and S.B. Srivastava (2005). Study of the possibility of utilizing fly ash for back filling and reclamation of opencast mines: Plot and Pot scale experiments with Chandrapura Fly Ash, In *International Congress on Fly Ash*, TIFAC, 4-7th December 2005, New Delhi.
10. Maiti, S.K, S Nandhini and AS Venkatesh (2005). Evaluation of bioremediation and related environmental geochemical aspects of copper mine waste from Mosaboni, Eastern India. pp.434-441, In proceedings of "Int. Sem. on Mineral Processing Technology (MPT - 2005)" (eds R Venugopal, et al), January 6-8, 2005.
11. Maiti, S.K and S Nandhini (2005). Bioremediation of Fe ore tailings and bioaccumulation of metals in the naturally occurring vegetation: A case of Noamundi Fe-ore tailings, TISCO, Noamundi. pp. 425-433 In proceedings of "Int. Sem. on Mineral Processing Technology (MPT - 2005)", (eds R Venugopal, et al), January 6-8, 2005.
12. Maiti S.K. and Sangeeta Ganguly (2004). Correlation between BOD₃²⁷ and BOD₅²⁰ test - its effect on rate constant and design of waste stabilisation pond (WSP). In *Int. Conf. on Environment and Development'* Science City Kolkata, Feb 4-8, 2004.
13. S.K.Maiti (2003). Eco restoration problems of coalmine overburden dumps. *International Conference on Eco restoration*, Dehradun and New Delhi, 14-21 October 2003.
14. Maiti, S.K and Chattaraj, Suman (2001). Design of Sequential Batch Reactor for the treatment of hospital wastewater. *International Conference on Industrial pollution and Control Technologies (ICIPACT-2001)*, Org by Centre for Environment, Institute of Post Graduate Studies and Research, JNTU, Hyderabad. 7-10th Dec, 2001.
15. Maiti, S.K and Saxena, N.C (1997). Biological reclamation of coalmine spoil without topsoil : An amendment study with domestic raw sewage and grass-legume mixtures. In *2nd World Mining Envnt. Cong.* 13-16 May, 1997, Poland.
16. Maiti, S.K and Banerjee, S.P (1994). Enhance of productivity of coalmine subsided area by application of municipal garbage. *Int. Con. on Issues in Mineral and Energy Industry*, 24-26 Dec, 1994. IME pub. pp. 6-10.
17. Maiti, S.K and Banerjee, S.P (1994). Revegetation of coalmine spoils by application of domestic raw sewage. *Int. Sym. Impact of Mining on Envnt. Problems and Solutions.* VRCE, Nagpur, January 11-16, 1994. Oxford & IBH Pub Co Pvt Ltd, New Delhi.
18. Maiti, S.K (1991). Environmental Impact Assessment (EIA) for mining project- An examination of four methodologies. *Int. Conf. on Mineral Development and Environment*, Nov. 28-30, ISM, Dhanbad.

F. Publications in Proceedings of Seminars/ Conferences (National) - 44

1. Mukhopadhyay Sangeeta, Subodh Kumar Maiti and Gurdeep Singh (2009). Natural VAM Colonization in Tree Species Growing on Reclaimed Coalmine Overburden Dumps, Jharia Coalfields, India – A case study. *International Seminar on Environment*, VBU, Haraibag, 27 -29 June 2009.
2. Maiti, Subodh Kumar (2008). Carbon sequestration potential of the restored mined out areas with tree species. In proceed. *Environmental Management in Mining & Allied*

- Industries* (eds. NC Karmakar et.al.), Dept of Mining Engg, IT, BHU. 7-8 November 2008.pp. 175-185.
3. Maiti, Subodh Kumar (2008). Eco restoration of Opencast Coal Mine Degraded Land: Current Practices and Future issues In India. In proceed. *Environmental Management in Mining & Allied Industries* (eds. NC Karmakar et.al.), Dept of Mining Engg, IT, BHU. 7-8 November 2008.pp. 87-99.
 4. Maiti, Subodh Kumar (2008). Carbon Sequestration Potential of The Restored Mined Out Areas With Tree Species (Feb 2-3, 2008), *ETMAI 2008*, NIT Rourkella.
 5. Maiti Subodh Kumar (2007). Restoration of opencast coalmine degraded land: Current practices & future issues in India, *Tropical Ecology Congress* (TEC 2007), 2-5 December, FRI, Dehradun.
 6. Maiti, Subodh Kumar and Maiti, P. (2007). Eco restoration of Opencast Coal mine Degraded Land: Current Practices and Future issues In India, proceeding of “*Environmental Aspects in Mining Operations in India Issues & Solution*”, March 10 2007, Kolkata.
 7. Maiti, S.K. and Maiti P. (2007). Status of Mycorrhiza infections and spores density in Reclaimed Coalmine Overburden Dumps - A case study from CCL, SECL and Jharia Coalfields. In national Conf on Eco-restoration of Derelict mined lands (March 1- 2, 2007), Spon. by UGC, Goa.
 8. Maiti, SK and Singh G (2007). Eco restoration Scenario Of Coal Mine Degraded Land In India: Present Status And Future Prospects, presented in Golden Jubilee Seminar on “*Present Status of mining and Future Prospects*” April 6-8, 2007, MEAI, Hyderabad.
 9. Maiti, S.K and B. Paul (2007). Eco restoration of Mine degraded land: How to Achieve? In *proceedings 2nd Indian Mineral Congress (IMC 2007)*, p. 320-340, organized at ISMU, Dhanbad, April 8-9, 2007 (ed. SK Singh and A. Sinha), Educomp Publishers, India.
 10. Paul, B., Maiti, S.K, Gurdeep Singh and Kumar T (2007). Hydrological Characteristics of Reclaimed opencast coal mine. In *proceedings 2nd Indian Mineral Congress (IMC 2007)*, p. 304-313, organized at ISMU, Dhanbad, April 8-9, 2007 (ed. SK Singh and A. Sinha), Educomp Publishers, India.
 11. Maiti SK (2006). Bioremediation of Mine Wastes: Innovative Approaches. pp. 241-250, In Proceeding volume. *Frontier areas in Geological and Technological aspects of Fossil fuel & Mineral Resources* (GFTM 2006)”, 2-4 November 2006. ISM Dhanbad. (ed) AK Varma *et al*, Allied Pub. Private Limited, New Delhi.
 12. Das Manab and Maiti SK (2006). Metal Smelter Unit: An Anthropogenic Source of Heavy Metal In Soil. pp. 251-258, In proceeding volume. *Frontier areas in Geological and Technological aspects of Fossil fuel & Mineral Resources* (GFTM 2006)”, 2-4 November 2006. ISM Dhanbad. (ed) Varma *et al*, Allied Pub. Private Limited, New Delhi.
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 14. Maiti, SK (2006), Eco restoration of coalmine OB dumps – A case study from North Karanpura area, CCL, India. In *National Con on Forest & Environment- Priorities in 21st Century*, 20-22 Feb 2006, FRI, Dehradun. (*Abstract volume*).

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16. Maiti, S.K. (2006), Environmental Impacts of Underground Metal Mining – A Review, pp. 313-326, in the proceedings of "Underground Metal Mining:: Status and Prospects" (eds. Murthy, VMSR et al.) Feb 13-14, 2006, Dept of Mining Engg, ISM Dhanbad.
17. Das M., and Maiti SK (2006), An Approach towards Phytoremediation of Copper Tailings: A Case Study, pp. 327-337, in the proceedings of "Underground Metal Mining: Status and Prospects" (eds. Murthy, VMSR et al.) Feb 13-14, 2006, Dept of Mining Engg, ISM Dhanbad.
18. Subodh Kumar Maiti, Gurdeep Singh & S Nandhini (2005). Bioavailability of Micronutrients and Heavy Metals in Reclaimed Coalmine Overburden Dumps and their Bioaccumulation in Tree Species: A Case Study from NK area, CCL, pp. 112-124. 1st Indian Mineral Congress & Exhibition (IMC 2005), 28th Feb - 1st March, 2005 at ISM, Dhanbad.
19. Subodh Kumar Maiti and S Nandhini (2005). Heavy metal distribution pattern in flyash in CTPP (Jharkhand) and in spontaneously occurring vegetation. pp. 477-486, In proceedings of "Technological Advancement and Environmental Challenges in Mining & Allied Industries in the 21st Century (TECMAC - 2005); (eds DP Tripathy and BK Pal), NIT Rourkella, February 05-06, 2005.
20. Subodh Kumar Maiti and S Nandhini (2005). Heavy metal distribution in Fe- tailings of Noamundi Mines and accumulation in the spontaneously occurring vegetation. pp. 487-496 in the proceedings of "Technological advancement and environmental challenges in mining & allied industries in the 21st Century" (TECMAC - 2005); NIT Rourkella, February 05-06, 2005.
21. Subodh Kumar Maiti and S Nandhini (2004). Bioavailability of Metal in Fly ash and their bioaccumulation in naturally occurring vegetation. *NHEEI*, Bangalore, November 17-19, 2004.
22. Subodh Kumar Maiti (2004). Percentage of stomatal coverage on leaf- a new concept for selection of plant species for the development of green belts in mining areas. *NHEEI*, Bangalore, November 17-19, 2004.
23. Subodh K Maiti, Indra N Sinha, S. Nandhini, Khey De and Debalina Das (2004). Micronutrient mobility and heavy metal uptake in plants growing on acidic coalmine dumps. pp. 316-326 In Proceedings of *National Seminar on Environmental Engineering with special emphasis on Mining Environment*" (NSEEME 2004), 19-20 March, 2004.
24. Maiti, SK, NC Karmakar and Poonam Sharma (2004). Study of settling behaviour of coal washery effluent - A case study. pp. 187-192. In Proceedings of "National Seminar on Environmental Engineering with special emphasis on Mining Environment", (NSEEME 2004), 19-20 March, 2004.
25. Maiti, S.K. and IN Sinha (2004). Ecological Impact assessment of Mining project: A pragmatic approach: pp.335-351 in Proceedings of the Conference on " Technology & management of sustainable exploitation of minerals and natural resources (TAMSEM 2004), Dept of Mining Engg, IIT Kharagpur, Feb 5-7, 2004.

26. Maiti, S.K and MS Reddy (2003). Nutrient accumulation in reclaimed OB dumps of Ramagundam OCP-1, SCCL. pp. 249-256 in Proceedings of the “*National seminar on Status of Environmental Management in Mining Industry (SEMMI 2003)*”, organized by Mining Engg Dept, BHU, Varanasi 17-18th Jan 2003.
27. Maiti, SK and Shee Chandan (2003). Status of VAM infections and spores in an afforested coalmine OB dumps - a case study from Jharia coalfield. pp. 257-262 in Proceedings of the “*National seminar on Status of Environmental Management in Mining Industry (SEMMI 2003)*”, organised by Mining Engg Dept, BHU, Varanasi, 17-18th Jan 2003.
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29. Maiti, S.K. and Sinha, I.N. (2001). Why plants in overburden dumps wither:- A scientific inquest. Presented at *National Seminar on Environmental Issues and waste management in Mining and Allied industries*, Dept on Mining Engg, REC, Rourkela, 23-24 Feb, 2001.
30. Maiti, S.K., Sinha, I.N and Karmakar N.C (2001). A study on some important physical parameters influencing biological reclamation of coal mining areas. Presented on " *Connect with the world wide web of life* " at World Environment day, 2001 organised by IE(I) Dhanbad Local Centre, held at ACC, Sindri Jharkhand, 5th June, 2001.
31. Maiti S.K and Chattaraj, Suman (2001). Treatment of Hospital Wastewater by Sequential Batch Reactor (SBR)- A laboratory model study. Presented in " *National Seminar on Management of Industrial Effluents and Wastes (MIEW)*, organized by RRL, Bhubaneswar, 10-20th Dec, 2001.
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