

DAFTAR PUSTAKA

- Anonim. 1995. "Keputusan Kepala Bapedal No. 1 Tahun 1995 Tentang : Tata Cara dan Persyaratan Teknis Penyimpanan dan Pengumpulan Limbah Bahan Berbahaya dan Beracun"
- Anonim. 2006. **Rehabilitasi Lahan Bekas Tambang Menuju Pemanfaatan Lahan Yang Berkelanjutan** : Leaflet Seminar Nasional.
- Anwar, D., 1996, **Kandungan Logam Berat Cu dan Hg Dalam Aritrosit Warga Kenjeran**, Fakultas Pasca Sarjana, Universitas Airlangga.
- Anyanwu, C.U., Nwankwo, S. C. and Moneke, A.N. 2011. **Soil Bacterial Response to Introduced Metal Stress**. Department of Microbiology, University of Nigeria, Nsukka, Nigeria.
- Avery, SU. dan J.S. Tobing. 1992. **Mechanism of Strontium Up Take Laboratory and Brewing Starins of *Saccharomyces cereviceae***. Appl Environ Microbiol 56 (4).
- Babich, H and G. Stotzky. 1977. **Sensitivity of various bacteria, including actinomycetes and fungi to cadmium and influence of pH on sensitivity**. Appl Environ. Microbiol. 33:681-695.
- Bibiana. 1994. **Analisis Mikroba di Laboratorium**. Raja Grafindo. Jakarta
- Cahyono, Rachman. 2007. Tesis. "Dampak Limbah Cair PT. Kertas Basuki Rachmat, Banyuwangi Terhadap Kesehatan Masyarakat" Universitas Diponegoro.
- Canstein, H.V., Li. Y., Leonhauser, J, Haase, E., Felske, A., Deckwer, W. D. and Dobler, I.W. 2002. **Spatially oscillating activity and microbial succession of mercury-reducing biofilms in a technical-scale bioremediation system**. Appl. Environ. Microbiol, vol.68,pp. 1938-1946.
- Chalal, Omar., Adulrazag Y. Zekri. 2005. **Uptake of Heavy Metals by Microorganisms: An Experimental Approach**. Copyright © Taylor & Francis Inc.
- Chojnacka, K. 2010. **Biosorption dan Bioaccumulation, the prospect of partial application**. Environment International. 36: 299-307
- Clausen, C.A. 2000. **Isolating Metal-tolerant Bacteria Capable of Removing Copper, Chromium, and Arsenic from Treated Wood**. Waste Manage Res., 18: 264-268.
- Darmono. 2001. **Lingkungan Hidup dan Pencemaran**. Universitas Indonesia, Jakarta.

- DR.P.V Chadha. 1995. **Timbal, Ilmu Forensik dan Toksikologi.** Edisi 5, Penerbit Widya Medika. Jakarta, 268 - 272.
- Dutka B.J and G. Bitton. 1989. **Toxicity Testing Using Microorganisms.** Vol. II. CRC Press. ,Inc. Boca Raton. Florida.
- Essiet et al. 2010. **Heavy Metal Concentrations in Plants Growing in Crude Oil Contaminated Soil in Akwa Ibom State, South-Eastern Nigeria.** African Journal of Pharmacy and Pharmacology Vol. 4(7), pp. 465-470.
- Forbes BA 1998. **Enterobacteriaceae.** Baily and Scott's Diagnostic Microbiology. Baltimor, Mosby, pp. 509-526
- Gadd, G.M. 1992. **Metal Tolerance Initiating Microbiology of Extreme Environment.** Edward (ed). Open University Press. Milton Keynes.
- Gadd, G.M., and C. White. 1993. **Microbial Treatment of Metal Pollution- Working Biotechnology.** Trends in Biotechnoligy 3 (2): 353-359.
- Gadd, G.M., 2001. **Accumulation and Transformation of Metals by Microorganisms.** In: Rehm, H.-J. (Ed.), Biotechnology, a Multi-volume Comprehensive Treatise, vol. 10. Wiley-VCH Verlag, Weinheim, Germany, pp. 225e264.
- Garbisu, C., Alkorta, I. 1997. **Bioremediation: principles and future.** J Clean Technol. Environ. Toxicol. Occup. Med.6, 1-16.
- Gatot, Wurdiyanto. 2007. **Merkuri, Bahayanya dan Pengukurannya.** Buletin Alara Volume 7. Pusat Teknologi Keselamatan dan Metrologi Radiasi BATAN. Jakarta.
- Giller, K.E, E. Witler and S.P. McGrath. 1998. **Toxicity of heavy metals to microorganisms and microbial processes in agricultural soils: A review.** Soil Biol. Biochem. 30: 1389 – 1414.
- Gottsching, L; Pakarinen, H, 2000. **Recycled Fiber and Deinking, Papermaking Science and Technology,** penerbit TAPPI.
- Gradjean P et al.2005. **Umbilical Cord Mercury Concentration as Biomarker of Prenatal Exposure to Methyl Mercury:** Enviromental Health Perspectives.
- Hadioetomo, R.S. 1993. **Mikrobiologi Dasar dalam Praktek.** Jakarta: UI Press

- Hardiani.H. 2008 ‘**Pemulihan Lahan Terkontaminasi Limbah B3 dari Proses Deinking Industri Kertas Secara Fitoremediasi** “, Jurnal Riset Industri. Vol. 2. No.2. Agustus 2008, ISSN. 1978-5852, Hal. 64 – 75.
- Huang, D. L., Guang M.Z., Xiao, Y.J., Chong, L.F., Hong, Y.Y., Guo, H.H., Hong, L.L., 2005. “**Bioremediation of Pb contaminated soil by incubating with Phanerochaete chrysosporium and straw**” College of Environmental Science and Engineering, Hunan University, Changsha 410082, Hunan, China.
- Hussein, H., Krull, R., Abou-ElEla, S.I. and Hempel, D.C. 2001. **Interaction of the Different Heavy Metal Ions with Immobilised Bacterial Culture Degrading Xenobiotic Waste Water Compounds**. Second International Water Association World Water Conference (2nd IWA) Berlin, 15-19 October.
- Igata. A, 1986. **Neurological aspects of methylmercury poisoning in Minamata**. *Recent Advances in Minamata Disease Studies* (eds. Tsubaki T. and Takahashi H.), 41-57. Tokyo: Kodansha Ltd.
- Imamuddin, Hartati, 2011. **Uji Resistensi Bakteri Terhadap Hgcl2 Yang Diisolasi Dari Tanah Penambangan Emas Di Pongkor, Jawa Barat**. Bidang Mikrobiologi, Pusat Penelitian Biologi-LIPI. Jakarta
- Imron, H. 2006. **Pemodelan Sistem Dinamik untuk Pengelolaan Daerah Ekosistem Pesisir Kenjeran Terhadap Pencemaran Logam Berat Kadmium (Cd)**. Theses Environmental Management Engineering RTL 577 Has p.
- Indrakusuma, A. 2005. **Kandungan Logam Berat Merkuri (Hg) pada Otot dan Insang Kerang Dara (Anadara granosa) di Pantai Ria Kenjeran Surabaya**
- Kothe, E., Bergmann, H., Buchel, G., 2005. **Molecular mechanisms in biogeointeractions: from a case study to general mechanisms**. Chemie der Erde/ Geochemistry 65, 7e27.
- Ledin, M., and K. Pedersen, 1996. **The Environmental Impact of Mine Wastes – Roles of Microorganisms and Their Significance in Treatment of Mine wastes**. Earth-Science Reviews 41 (1996) 67-108.
- Lemigas. 1995. **Karakteristik Beberapa Mikroba Lapangan Minyak Indonesia Dalam Prospek MEOR**. hlm. 34-40 dalam Kumpulan Makalah Simposium RI, Jakarta.
- Lovley, D.R., Lloyd, J.R. 2002. **Microbes with a mettle for bioremediation**. Nat. Biotechnol., 18, 600-601.

- Lubis Sari Halida. 2002. **Toksitas Merkuri dan Penanganannya.** USU digitalized Library.
- Luptakova, Alena. 2007. **Importance of Sulphate Reducing Bacteria in Environment.** Nova Biotechnologica VII-I (2007), Departement of Mineral biotechnologies, Institute of Geotechnics of Slovak Academy of Science, Watsonova, Slovak Republik
- Mallick, N., and L.C. Rai. 1994. **Removal of Inorganic Ion from Wastewater by Immobilized Microalgae.** World Journal of Microbiol & Biotech. 10: 439-443 MUNA A., Aquatic toxicity from pulp and paper mill effluents: a review, Advances in Environmental Research 5.175, 2001.
- Mayanti, B., Herto, Dwi Ariesyady. 2011. **Identifikasi Keberagaman Bakteri Pada Commercialseed Pengolah Limbah Cair Cat.** Fakultas Teknik Sipil dan Lingkungan, Institut Teknologi Bandung. Bandung
- MENLH, 2004. **Surat Keputusan MENLH No. Kep. 51/MEN-LH/I/2004, Tentang Baku Mutu Air Laut,** Sekretariat Menteri Negara dan Kependudukan dan Lingkungan Hidup, Jakarta.
- Nakamura, K. Sakamoto, M. Uchiyaama. 1990. **Organomercurial Volotizing Bacterial in The Mercury Poented Sedimen of The Minamata Bay Japan.** Appl Environ Microbial.
- Nies, D.H. 1999. **Microbial heavy metal resistance.** Appl Microbiol Biotechnol 51: 730-750.
- Nithya, C., Gnanalakshmi, B. & Pandian, S.K. 2011. **Assesment and characterization of heavy metal resistance in Palk Bay sediment bacteria.** Marine Environmental Research. 71:283-294.
- Nofiani, Risa. 2004. **Bakteri Resisten Merkuri Spektrum Sempit dari Daerah Bekas Penambangan Emas Tanpa Izin (PETI) Mandor, Kalimantan Barat.** Jurnal Natur Indonesia 6(2): 67-74 (2004), ISSN 1410-9379
- Notodarmojo, S. 2005. **Pencemaran Tanah dan Air Tanah.** Penerbit ITB. ISBN 979-3507-43-8.
- Nuraini, Devi. 2004. **Pengelolaan Limbah Cair pada Industri Penyamakan Kulit Industri Pulp dan Kertas Industri Kelapa Sawit.** Universitas Sumatera Utara
- Oktaviana, B. 1995. **Isolasi dan Karakteristik Bakteri Pengikat Merkuri Pada Perairan Sungai.** Tesis Program Pascasarjana FMIPA UGM. Yogyakarta.

- Palar, Heryando. 2008. **Pencemaran dan Toksikologi Logam Berat**. Rineka Cipta, Jakarta.
- Pelczar, M. 1986. **Dasar-Dasar Mikrobiologi**. Erlangga:Jakarta
- Perdana, Jeremia, Walliyana K., Mirfat J.S.W., Aldila W.N., Feibriandy A. 2011. **Eksplorasi Bakteri Hidrokarbon Limbah Minyak dan Bakteri Logam Berat dari Lumpur di Pantai Kenjeran Surabaya**. Laporan PKM 2011 DIKTI
- Purwoko, T. 2007. **“Fisiologi Mikroba”**. PT Bumi Aksara, Jakarta
- Rathnayake I.V.N, M. Megharaj, N. Bolan and R. Naidu, R. 2009. **Tolerance to Heavy Metals by Gram Positive Soil Bacteria**. World Acad. Sci. Engr Technol. 53: 1185 – 1189. 2009.
- Rini, Daru S. 2002. **Minimasi Limbah dalam Industry Pulp dan Paper. Lembaga Kajian Ekologi dan konservasi Lahan Basah.** <http://terrancet.com>
- Rufus, C., Brown, S. L., Stuczynski, T. I., Daniel, W. L., Li, Y. M., Siebielec, G., Malik, M., and Compton, H., 2001. **Progress in Remediation of Soils Contaminated by Mining and Smelting of Pb, Zn, Cd Using Tailor Made Biosolids Mixtures and Composts**. TEKRAN. Agricultural Research Service.
- Setiabudy, R dan Gan, V.H.S. 1995. “Pengantar Antimikroba”. dalam Farmakologi dan Terapi. Edisi Keempat Ganiswara, S.G. Bagian Farmakologi. Fakultas Kedokteran. Universitas Indonesia. Jakarta.
- Singh, Virende. 2010. **“Isolation and Characterization of *Pseudomonas* Resistant to Heavy Metals Contaminants”**. International Journal of Pharmaceutical Sciences Review and Research. 3: 164.
- Smith, S.R. 1996. **Agricultural recycling of sewage sludge and the environment CAB International**. Wallingford. UK, Pp. 119 151.
- Sudarmaji, Adi Heru Sutomo dan Agus Suwarni. 2004. **Konsumsi Ikan Laut, Kadar Merkuri dalam Rambut, dan Kesehatan Nelayan di Pantai Kenjeran Surabaya**. Universitas Airlangga.
- Sudiana, I.M.2003. **Reduksi Toksisitas Cu Terhadap Bakteri *Burkholderia sp.* Isolat St.F dengan Penambahan Asam Amino Glisin**. Biologi 3 (2) : 129-143.

- Suh, J. H. , J. W. Yun, D. S. Kim, 1999. **Effect of pH on Pb²⁺ accumulation in *Saccharomyces cerevisiae* and *Aureobasidium pullulans*.** Bioprocess Engineering., 20:471-474. Springer-Verlag.
- Suhendrayatna. 2001. **Heavy Metal Bioremoval by Microorganisms:** a literature study.
[http://www.istecs.org/Publication/Japan/010211_suhendrayatna.PDF]
- Suin, M. Nurdin. 1994. **Dampak Pencemaran pada Ekosistem Pengairan.** Proseding penataran pencemaran Lingkungan Dampak dan Penanggulanganya. Pemda Kodya TK. II. Padang.
- Tanner RS. 1997. **Cultivation of Bacteria and Fungi.** In Hurst CJ (Ed). **Manual of Environmental Microbiology.** ASM Press. Washington DC.
- Tapan K. Misra. 1992. **Heavy Metals, Bacteria Resistances.** **Encyclopedia of Microbiology Vol II.** Academic Press. Inc.
- Thiel, Teresa. 1999. **Introduction to Bacteria.** Department of Biology. University of Missouri – St. Louis
- Tyas Rini S. 1998. **Analisis Kadar Timah Hitam Dalam Darah Dan Pengaruhnya Terhadap Aktivitas Enzim Delta Aminolevulinic Acid Dehydratase Dan Kadar Hemoglobin Dalam Darah Karyawan Di Industri Peleburan Timah Hitam.** Universitas Padjadjaran Bandung.
- USDA NRCS. 2000. **Heavy Metal Soil Contamination.** http://www.il.nrcc.usda.govov/engineer/urban/PDF/3_Appendix/Appendix_B/u03.PDF. [31/10/2011]
- Veen, J. A. V., L. S. V. Overbeek, and J. A. V. Elsas. 1997. **Fate and Activity Microorganism Introduced Into Soil.** **Microbiology and Molecular Biology Review** (2): 61-64.
- Wardhani, Sutji. 2006. **Analisis Resiko Pencemaran Bahan Toksik Timbal (Pb) Pada Sapi Potong Di Tempat Pembuangan Akhir (TPA) Sampah Jatibarang Semarang.** Universitas Diponegoro Semarang.
- WHO, 1992. **The ICD-10 Classification of Mental and Behavioural Disorders. Clinical descriptions and diagnostic guidelines.** Geneva.
- Widowati W, Sastiono A, R Jusuf Raymond. 2008. **Efek Toksik Logam “Pencegahan dan Penanggulangan Pencemaran”.** Penerbit Andi, Yogyakarta.
- Winking, S. R., and D. J. Dollhopf, 2000. **Alkaline Industrial by Products as Mine Waste Amendments.** Land Reclamation Symposium.

Wulandari, Sri. 2005. **Identifikasi Bakteri Pengikat Timbal (Pb) Pada Sedimen Di Perairan Sungai Siak.** Jurnal Biogenesis Vol. 1(2):62-65, 2005.
ISSN : 1829-5460

Yasuda, Y., M. and S.A. Peterson, (Eds.). 2000. **Water Pollution Control Policy and Management:** The Japanese Experience, Chapter 13, Gyosei Ltd., Minamata Bay, in Okada, Tokyo.

Zenz C. 1994. **Occupational Medicine Third Edition Departement Of Environmental Health University Of Cincinnati Medical Center Cincinnati. Ohio**

