

REFERENCES

- Arikunto S. 2007. *Dasar-dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Ayob, Ahmad Mahdzan. 2003. Monitoring Costs and Benefits of Tourism: The Case of Langkawi. *Malaysian Nature Society*.
- Balai Pengelola Hutan Mangrove. 2011. *Review Potensi Mangrove Sumatera Utara Tahun 2011*. Medan. Balai Pengelola Hutan Mangrove Wilayah II.
- Bappeda Serdangbedagai. 2012. *Laporan Perencanaan Pembangunan Kabupaten Serdangbedagai*. Bappeda. Perbaungan.
- Beaumont, Narelle. 2001. "Ecotourism and the Conservation Ethic." *Journal of Sustainable Tourism* 9: 317-38.
- Bengen, Dietrich G. 2001. *Pedoman Teknis Pengenalan dan Pengelolaan Ekosistem Mangrove*. IPB, Bogor. Pusat Kajian Sumberdaya Pesisir dan Lautan.
- Blake, D. (2001). Contextual effects on environmental attitudes and behavior. *Environment and Behavior*, 33, 708–725.
- Blankenau, J., Snowden, M., & Langan, M. 2008. Understanding environmentalism in a red, agricultural state: The impact of political party identification and place of residence. *Sociological Spectrum*, 28(1), 55-80. <http://dx.doi.org/10.1080/02732170701675201>
- Boershing, S. and R. De Young, 1993. Evaluation of between advocate environmental preservation and of Selected Recycling Curricular: Educating the Green local environmental protection should be further Citizen. *J. Environmental Education*, 18(3): 7-13
- Bogner, F. X., & Wiseman, M. (2004). Outdoor ecology education and pupils' environmental perception in preservation and utilization. *Science Education International*, 15(1), 27–48.
- Bogner, F. X., & Wiseman, M. (2006). Adolescents' attitudes towards nature and environment: Quantifying the 2-MEV model. *The Environmentalist*, 26, 247–254.
- Bradley, J.C., Waliczek, T. M., & Waliczek, J. M. 1999. Knowledge and environmental attitude of high school students. *Journal of Environmental Education*, 30(3), 17-23.
- Camou-Guerrero, A., Reyes-García, V., Martínez-Ramos, M., and Casas, A. 2007. Knowledge and Use Value of Plant Species in a Rarámuri

- Community: A Gender Perspective for Conservation. *Hum Ecol* 36:259–272.
- Chambers, M. J. 1980. The Environment and Geomorphology of Deltaic Sedimentation (some examples from Indonesia). *Trop. Ecol. Dev.* pp 1091-1095.
- Cheng, Y.C. 2002. *Fostering Local Knowledge and Wisdom in Globalized Education: Multiple Theories*. Presented at The 8th International Conference on “Globalization and Localization Enmeshed: Searching for a Balance in Education”. Bangkok, Thailand, 18-21 November.
- Chottong, B., Noipa, W., Tanawat, T. and Boonplod, P. 2009. *Local Knowledge for Mangrove Management in Thailand*. Publication of Thailand Environmental Institute.
- Corraliza, J. A., & Berenguer, J. 2000. Environmental values, beliefs, and actions: a situational approach. *Environment and Behavior*, 32(6), 832-848. <http://dx.doi.org/10.1177/00139160021972829>
- Danielsen, F., Sørensen, M.K., Olwig, M.F., Selvam, V., Parish, F., Burgess, N.D. et al. 2005. The Asian tsunami: a protective role for coastal vegetation. *Science* 3(10): 643.
- Duan, H., & Fortner, R.W. (2005). Chinese college students' perceptions about global versus local environmental issues. *Journal of Environmental Education*, 36, 23–32.
- Eisler, A. D., Eisler, H., & Yoshida, M. 2003. Perception of human ecology: Cross-cultural and gender comparisons. *Journal of Environmental Psychology*, 23, 89–101.
- Fernandez-Manzanal, R., Rodriguez-Barreiro, L., & Carrasquer, J. 2007. Evaluation of environmental attitudes: analysis and results of a scale applied to university students. *Science Education*, 91(6), 988-1009.
- Gómez-Baggethun, E., E. Corbera, and V. Reyes-García. 2013. Traditional ecological knowledge and global environmental change: research findings and policy implications. *Ecology and Society*, 18(4): 72.
- Grenier, L. 1998. *Working with Indigenous Knowledge: a guide for researchers*. International Development Research Centre. Ottawa.
- Harfina. 2014. *Faktor-faktor yang Mempengaruhi Pengetahuan dan Kepedulian Siswa terhadap Ekosistem Mangrove*. Unpublished Thesis. Program Studi Pendidikan Biologi Pascasarjana Universitas Negeri Medan. Medan.

- Hill, Jennifer, Wendy Woodland, and Georgie Gough. 2007. "Can Visitor Satisfaction and Knowledge About Tropical Rainforests be Enhanced Through Biodiversity Interpretation, and Does this Promote a Positive Attitude Towards Ecosystem Conservation." *Journal of Ecotourism* 6: 75-85.
- Hogart, P. 2007. *The Biology of Mangroves and Seagrasses*. United States. Oxford University Press. Inc.
- Inglis, J.T. 1993. *Traditional Ecological Knowledge: Concepts and Cases*. Canada: International Development Research Centre.
- Iqbal, Muhammad. 2015. *Faktor-faktor Penentu Pengetahuan dan Persepsi Siswa Terhadap Ekosistem Hutan Mangrove di Kabupaten Deliserdang*. Unpublished Thesis. Program Studi Pendidikan Biologi Pascasarjana Universitas Negeri Medan. Medan.
- Kaltz and Scotland. 1959. *Preliminary Statement to a Theory of Attitude Structure and Change. Psychology, a Study of Science*. New York: Mc Graw Hill
- Kuhlemeier, H., van den Bergh, H., & Lagerweij, N. 1999. Environmental knowledge, attitudes, and behaviour in Dutch secondary education. *The Journal of Environmental Education*, 30(2), 4-11
- Mangas, V.J., & Martinez, P. 1997. Analysis of environmental concepts and attitudes among biology degree students. *Journal of Environmental Education*, 29(1), 28-34
- Mangrove National Working Group. 2013. National Strategy Mangrove Area Preserving Indonesia : Strategy and Program.
- Morgan, J. M. 1992. A Theoretical Basis For Evaluating Wildlife-Related Education-Programs. *American Biology teacher*. 54, 153–157.
- Onrizal. 2010. Perubahan tutupan hutan mangrove di pantai timur sumatera utara periode 1977-2006. *J. Indonesian Biology*, 6(2): 163-172.
- Onrizal. 2010. Perubahan tutupan hutan mangrove di Pantai Timur Sumatera Utara periode 1977–2006. *Jurnal Biologi Indonesia* 6 (2): 163–172.
- Onrizal. 2016. *Buku Panduan Pengenalan Ekosistem Hutan*. Fakultas Pertanian Universitas Sumatera Utara. Medan.
- Onrizal and Kusmana, C. 2005. Struktur dan Kekayaan Jenis Tumbuhan Mangrove Pasca-Tsunami di Pulau Nias. *Berita Biologi*, 9(4): 359-364.
- Onrizal and Kusmana, C. 2008. Studi Ekologi Hutan Mangrove di Pantai Timur Sumatera Utara. *Biodiversitas*, 9(1): 25-29.

- Onrizal, Purwoko A. & Mansor M. 2009. Impact of mangrove forests degradation on fisherman income and fish catch diversity in Eastern Coastal of North Sumatra, Indonesia. *Proceeding of the International Conference on Natural and Environmental Sciences 2009 (ICONES'09)*, May 6-8, 2009. p. 70-74
- Paisley, K., Furman, N., Sibthorp, J. & Gookin, J. 2008. Student learning in outdoor education: A case study from the National Outdoor Leadership School. *Journal of Experiential Education*, 30(3), 201-222. Published, 01/2007.
- Pekel. 2006. Biology Teachers Attitude and Communication Behavior in Turkey: From The View Point of Their Students. *The Turkish Online Journal of Educational Technology*. 5:3-11
- Permana RCE, IP Nasution, J Gunawijaya. 2011. Local Wisdom About Mitigation In Baduy. J. Makara, *Social Humanities* 15(1): 67-76.
- Powell, Robert B., and Sam H. Ham. 2008. "Can Ecotourism Interpretation Really Lead to Pro- Conservation Knowledge, Attitudes, and Behavior? Evidence from the Galapagos Islands." *Journal of Sustainable Tourism* 16: 467-89.
- Rusila Noor, Y., M. Khazali, dan I N.N. Suryadiputra. 1999. *Panduan Pengenalan Mangrove di Indonesia*. PHKA/WI-IP, Bogor.
- Saint-Paul, U. and Schneider, H. 2010. *Mangrove Dynamics and Management in North Brazil*. Berlin. Springer.
- Salam, M. A., Ross, L. G., and Beveridge, M. 2000. Eco-tourism to protect the reserve mangrove forest the Sundarbans and its flora and fauna. *Anatolia*, 11(1): 56-66.
- Samsuri. 1988. *Morfologi dan Pembentukan Kata*. Jakarta: Proyek
- Schahn, J. & Holzer, E. 1990. Studies of Individual Environmental Concern: The Role of Knowledge, Gender, and Background Variables. *Environment and Behavior*, 22(6), 767-786.
- She and Fisher. 2002. Teacher Communication Behavior and Its Association with Students' Cognitive and Attitudinal Outcomes in Science at Taiwan. *Journal of Research in Science Teaching*, 39:63-78.
- Sherkat, D. E., & Ellison, C. G. 2007. Structuring the religion-environment connection: Identifying religious influences on environmental concern and activism. *Journal of the Scientific Study of Religion*, 46(1), 71-85. <http://dx.doi.org/10.1111/j.1468-9062.2007.00341.x>

- Sudjana. 2005. *Metode Statistika*. Bandung: Tarsito.
- Tanawat, T. and Boonplod, P. 2012. *Local Knowledge Management for mangrove management*. Proceedings of Sharing Lesson on Mangrove Restoration, MFF Regional Colloquium, Mamallapuram, India, 30-31 August.
- Torgler, B., García -Valiñas, M. A., & Macintyre, A. 2008. *Differences in preferences towards the environment: The impact of a gender, age and parental effect*. Working paper No. 2008-1, Center for Research in economics, Management, and the Arts, Basel.
- Travers. 1982. *Essentials of Learning, New Cognitive Learning or Students of Education*. United States of America: Macmillan Publishing
- Undang-Undang Republik Indonesia Nomor 32 Tahun 2009 Tentang Perlindungan Dan Pengelolaan Lingkungan Hidup. 2009. Jakarta.
- Voeks, R. A., and Leony, A. 2004. Forgetting the Forest: Assessing Medicinal Plant Erosion in Eastern Brazil. *Economic Botany* 58: S294–S306.
- Wardhani, N.W. 2013. Pembelajaran Nilai-Nilai Kearifan Lokal Sebagai Penguat Karakter Bangsa Melalui Pendidikan Informal. *Jurnal Penelitian Pendidikan*, 14(1): 55-64.
- Waryono T. 2000. *Keanekaragaman hayati dan konservasi ekosistem mangrove*. Makalah Disampaikan Pada Diskusi Panel Biologi Konservasi FMIPA-UI Tahun 2000. Depok.
- Wiseman, M., Wilson, G., & Bogner. F. X. (2012). Environmental values and authoritarianism. *Psychology Research*, 2(1), 25–31.
- Xueqin (Elaine) He , Ting Hong , Lan Liu & John Tiefenbacher (2011) A comparative study of environmental knowledge, attitudes and behaviors among university students in China, *International Research in Geographical and Environmental Education*, 20:2, 91-104.
- Zimmerman, L.K. 1996. Knowledge, affect, and the environment: 15 years of research (1979-1993). *Journal of Environmental Education*, 27(3), 41-45.