

DAFTAR PUSTAKA

- Abrahamse, W., Steg, L., Vlek, C., & Rothengatter, T. (2005). A review of intervention studies aimed at household energy conservation. *Journal of Environmental Psychology*, 25(3), 273–291. <https://doi.org/10.1016/j.jenvp.2005.08.002>
- Ajzen, I. (2005). *Attitudes, personality and behavior* (2nd ed). Berkshire, England : Open University Press.
- Akpan, I., Del Matto, T, Hunsberger, C., Rehbein, C., Rogozinski, E., Rosenthal, H. & Shaw, T. (2003). Strategies for promoting pro-environmental behaviour among University of Waterloo students, University of Waterloo Department of Environment and Resource Studies.
- Arikunto, S. (2013). *Prosedur Penelitian: Suatu Pendekatan Praktik*. Jakarta: PT Rineka Cipta.
- Al-Adamat, A., Al-Gasawneh, J., & Al-Adamat, O. (2020). The impact of moral intelligence on green purchase intention. *Management Science Letters*, 10(9), 2063–2070. <https://doi.org/10.5267/j.msl.2020.2.005>
- Barr, S., & Gilg, A. W. (2007). A conceptual framework for understanding and analyzing attitudes towards environmental behaviour. *Geografiska Annaler, Series B: Human Geography*, 89 B(4), 361–379. <https://doi.org/10.1111/j.1468-0467.2007.00266.x>
- Bolderdijk, J. W., Gorsira, M., Keizer, K., & Steg, L. (2013). Values determine the (in) effectiveness of informational interventions in promoting pro-environmental behavior. *PLoS ONE*, 8(12). <https://doi.org/10.1371/journal.pone.0083911>
- Bord, R. J., O'Connor, R. E., & Fisher, A. (2000). In what sense does the public need to understand global climate change? *Public Understanding of Science*, 9(3), 205–218. <https://doi.org/10.1088/0963-6625/9/3/301>
- Carmi, N., Arnon, S., & Orion, N. (2015). Transforming environmental knowledge into behavior: the mediating role of environmental emotions. *Journal of Environmental Education*, 46(3), 183–201. <https://doi.org/10.1080/00958964.2015.1028517>
- Daniel, B., Stanisstreet, M., & Boyes, E. (2004). How can we best reduce global warming? School students' ideas and misconceptions. *International Journal of Environmental Studies*, 61(2), 211–222. <https://doi.org/10.1080/0020723032000087907>
- de Boer, J., Hoogland, C. T., & Boersema, J. J. (2007). Towards more sustainable

- food choices: Value priorities and motivational orientations. *Food Quality and Preference*, 18(7), 985–996. <https://doi.org/10.1016/j.foodqual.2007.04.002>
- De Groot, J. I. M., & Steg, L. (2007). Value orientations and environmental beliefs in five countries: Validity of an instrument to measure egoistic, altruistic and biospheric value orientations. *Journal of Cross-Cultural Psychology*, 38(3), 318–332. <https://doi.org/10.1177/0022022107300278>
- De Groot, J. I. M., & Steg, L. (2008). Value orientations to explain beliefs related to environmental significant behavior: How to measure egoistic, altruistic, and biospheric value orientations. *Environment and Behavior*, 40(3), 330–354. <https://doi.org/10.1177/0013916506297831>
- Firmansyah, F., Komala, R., & Rusdi, R. (2018). Self-efficacy and motivation: improving biology learning outcomes of senior high school students. *Jurnal Pendidikan Biologi Indonesia*, 4(3), 203–208. <https://doi.org/10.22219/jpbi.v4i3.6878>
- Frick, J., Kaiser, F. G., & Wilson, M. (2004). Environmental knowledge and conservation behavior: Exploring prevalence and structure in a representative sample. *Personality and Individual Differences*, 37(8), 1597–1613. <https://doi.org/10.1016/j.paid.2004.02.015>
- Gatersleben, B., Murtagh, N., & Abrahamse, W. (2014). Values, identity and pro-environmental behaviour. *Contemporary Social Science*, 9(4), 374–392. <https://doi.org/10.1080/21582041.2012.682086>
- Gkargkavouzi, A., Halkos, G., & Matsiori, S. (2019). How do motives and knowledge relate to intention to perform environmental behavior? Assessing the mediating role of constraints. *Ecological Economics*, 165(May), 106394. <https://doi.org/10.1016/j.ecolecon.2019.106394>
- Global Footprint Network National Footprint and Biocapacity Accounts. (2021). Edition Downloaded [26/01/21] from <https://data.footprintnetwork.org>.
- Hines, J. M., Hungerford, H. R., & Tomera, A. N. (1987). Analysis and synthesis of research on responsible environmental behavior: A meta-analysis. *Journal of Environmental Education*, 18(2), 1–8. <https://doi.org/10.1080/00958964.1987.9943482>
- Hornsey, M. J., Harris, E. A., Bain, P. G., & Fielding, K. S. (2016). Meta-analyses of the determinants and outcomes of belief in climate change. *Nature Climate Change*, 6(6), 622–626. <https://doi.org/10.1038/nclimate2943>
- Hwang, Y. H., Kim, S. Il, & Jeng, J. M. (2000). Examining the causal relationships among selected antecedents of responsible environmental behavior. *Journal of Environmental Education*, 31(4), 19–25. <https://doi.org/10.1080/00958960009598647>

- Ilahude, A. G., & Nontji, A. (1999). Oseanografi Indonesia dan perubahan iklim global (El Nino dan La Nina). In *Oseanografi Indonesia dan Perubahan Iklim Global (El Nino dan La Nina)* (pp. 1–13).
- IPCC. (2007). Fourth Assessment Report. Intergovernmental Panel on Climate Change Secretariat. Geneva, Switzerland. <http://www.ipcc.ch/>
- Kaiser, F. G., & Fuhrer, U. (2003). Ecological behavior's dependency on different forms of knowledge. *Applied Psychology*, 52(4), 598–613. <https://doi.org/10.1111/1464-0597.00153>
- Kiatkawsin, K., & Han, H. (2017). Young travelers' intention to behave pro-environmentally: Merging the value-belief-norm theory and the expectancy theory. *Tourism Management*, 59, 76–88. <https://doi.org/10.1016/j.tourman.2016.06.018>
- Kolikow, S., Kragt, M. E., and Muger, A. W. (2012). An interdisciplinary framework of limits and barriers to climate change adaptation in agriculture. The University of Western Australia, School of Agricultural and Resource Economics.
- Kollmuss, A., & Agyeman, J. (2002). Mind the Gap: Why do people act environmentally and what are the barriers to pro-environmental behavior? *Environmental Education Research*, 8(3), 239–260. <https://doi.org/10.1080/13504620220145401>
- Kopnina, H. (2012). Education for sustainable development (ESD): The turn away from “environment” in environmental education? *Environmental Education Research*, 18(5), 699–717. <https://doi.org/10.1080/13504622.2012.658028>
- Krajhanzl, J. (2010). Environmental and Proenvironmental Behavior. *School and Health Health Education: International Experiences*, 21, 251–274.
- Jainuri, M. 2015. Skala Pengukuran. Bangko: Sekolah Tinggi Keguruan dan Ilmu Pendidikan YPM Bangko.
- Laroche, M., Bergeron, J., & Barbaro-Forleo, G. (2001). Targeting consumers who are willing to pay more for environmentally friendly products. *Journal of Consumer Marketing*, 18(6), 503–520. <https://doi.org/10.1108/EUM0000000006155>
- Latif, S. A., Omar, M. S., Bidin, Y. H., & Awang, Z. (2013). Role of environmental knowledge in creating pro-environmental residents. *Procedia - Social and Behavioral Sciences*, 105, 866–874. <https://doi.org/10.1016/j.sbspro.2013.11.088>
- Lee, K. (2011). The green purchase behavior of hong kong young consumers: The role of peer influence, local environmental involvement, and concrete environmental knowledge. *Journal of International Consumer Marketing*, 23(1), 21–44. <https://doi.org/10.1080/08961530.2011.524575>

- Li, D., Zhao, L., Ma, S., Shao, S., & Zhang, L. (2019). What influences an individual's pro-environmental behavior? A literature review. *Resources, Conservation and Recycling*, 146(November 2017), 28–34. <https://doi.org/10.1016/j.resconrec.2019.03.024>
- Liobikiene, G., & Juknys, R. (2015). The role of values, environmental risk perception, awareness of consequences, and willingness to assume responsibility for environmentally-friendly behaviour: The Lithuanian case. *Journal of Cleaner Production*, 112, 3413–3422. <https://doi.org/10.1016/j.jclepro.2015.10.049>
- Liobikienė, G., & Poškus, M. S. (2019). The Importance of Environmental Knowledge for Private and Public Sphere Pro-Environmental Behavior: Modifying the Value-Belief-Norm Theory. *Sustainability*, 11(12), 3324. <https://doi.org/10.3390/su11123324>
- Liu, P., Teng, M., & Han, C. (2020). How does environmental knowledge translate into pro-environmental behaviors?: The mediating role of environmental attitudes and behavioral intentions. *Science of the Total Environment*, 728. <https://doi.org/10.1016/j.scitotenv.2020.138126>
- Lorenzoni, I., Nicholson-Cole, S., & Whitmarsh, L. (2007). Barriers perceived to engaging with climate change among the UK public and their policy implications. *Global Environmental Change*, 17(3–4), 445–459. <https://doi.org/10.1016/j.gloenvcha.2007.01.004>
- Lualhati, G. P. (2019). Environmental awareness and participation of Filipino pre-service teachers. *Jurnal Pendidikan Biologi Indonesia*, 5(2), 345–352. <https://doi.org/10.22219/jpbi.v5i2.8524>
- Maio, G. R., Olson, J. M., Allen, L., & Bernard, M. M. (2001). Addressing Discrepancies between Values and Behavior: The Motivating Effect of Reasons. *Journal of Experimental Social Psychology*, 37(2), 104–117. <https://doi.org/10.1006/jesp.2000.1436>
- Malka, A., Krosnick, J. A., & Langer, G. (2009). The association of knowledge with concern about global warming: Trusted information sources shape public thinking. *Risk Analysis*, 29(5), 633–647. <https://doi.org/10.1111/j.1539-6924.2009.01220.x>
- Nguyen, T. P. L., Seddaiu, G., & Roggero, P. P. (2019). Declarative or procedural knowledge? Knowledge for enhancing farmers' mitigation and adaptation behaviour to climate change. *Journal of Rural Studies*, 67(January), 46–56. <https://doi.org/10.1016/j.jrurstud.2019.02.005>
- Nordlund, A. M., & Garvill, J. (2003). Effects of values, problem awareness, and personal norm on willingness to reduce personal car use. *Journal of Environmental Psychology*, 23(4), 339–347. [https://doi.org/10.1016/S0272-4944\(03\)00037-9](https://doi.org/10.1016/S0272-4944(03)00037-9)

- Nurhayanti, Y., & Nugroho, M. (2016). Sensitivitas produksi padi terhadap perubahan iklim di Indonesia tahun 1974-2015. *Agro Ekonomi*, 27(2), 183. <https://doi.org/10.22146/jae.23038>
- Ojea, E., & Loureiro, M. L. (2007). Altruistic, egoistic and biospheric values in willingness to pay (WTP) for wildlife. *Ecological Economics*, 63(4), 807–814. <https://doi.org/10.1016/j.ecolecon.2007.02.003>
- Osman, A. D., Jusoh, Amlus, & Khotob, N. (2014). Exploring the relationship between environmental knowledge and environmental attitude towards pro-environmental behaviour: *American-Eurasian Journal of Sustainable Agriculture*, 8(8), 1–4. www.aensiweb.com/aejsa.html
- Otto, S., Kaiser, F.G., Arnold, O. (2014). The critical challenge of climate change for psychology: preventing rebound and promoting more individual irrationality. *Eur. Psychol.* 19, 96–106.
- Otto, S., Neaman, A., Richards, B., & Marió, A. (2015). Explaining the ambiguous relations between income, environmental knowledge, and environmentally significant behavior. *Society and Natural Resources*, 29(5), 628–632. <https://doi.org/10.1080/08941920.2015.1037410>
- Otto, S., & Pensini, P. (2017). Nature-based environmental education of children: Environmental knowledge and connectedness to nature, together, are related to ecological behaviour. *Global Environmental Change*, 47(August), 88–94. <https://doi.org/10.1016/j.gloenvcha.2017.09.009>
- Pinto, D. C., Nique, W. M., Añaña, E. da S., & Herter, M. M. (2011). Green consumer values: How do personal values influence environmentally responsible water consumption? *International Journal of Consumer Studies*, 35(2), 122–131. <https://doi.org/10.1111/j.1470-6431.2010.00962.x>
- Poortinga, W., Steg, L., & Vlek, C. (2004). Values, environmental concern, and environmental behavior: A study into household energy use. *Environment and Behavior*, 36(1), 70–93. <https://doi.org/10.1177/0013916503251466>
- Putrawan, I. M. (2015). Measuring new environmental paradigm based on students' knowledge about ecosystem and locus of control. *Eurasia Journal of Mathematics, Science and Technology Education*, 11(2), 325–333. <https://doi.org/10.12973/eurasia.2015.1336a>
- Putrawan, I. M. . (2019). Pro-environmental behavior (PEB) and its related factors' construct validity. *Journal of Advanced Research in Dynamical and Control Systems*, 11(9), 362–370. <https://doi.org/10.5373/JARDCS/V11/20192580>
- Rahman, A. A., Putrawan, I. M., & Miarsyah, M. (2020). Hubungan antara orientasi nilai (value orientation) dengan perilaku pro lingkungan (pro environmental behavior) siswa. *IJEEM - Indonesian Journal of*

Environmental Education and Management, 5(2), 152–164.
<https://doi.org/10.21009/ijeem.052.04>

Rees, W., & Wackernagel, M. (1996). Urban ecological footprints: Why cities cannot be sustainable and why they are a key to sustainability. *The Urban Sociology Reader, Second Edition*, 9255(96), 157–165.
<https://doi.org/10.4324/9780203103333-26>

Riedy, C. (2016). Climate Change. In G. Ritzer (Ed.), *Blackwell Encyclopedia of Sociology*. Blackwell.

Sawitri, D. R., Hadiyanto, H., & Hadi, S. P. (2015). Pro-environmental behavior from a social cognitive theory perspective. *Procedia Environmental Sciences*, 23(Ictcred 2014), 27–33.
<https://doi.org/10.1016/j.proenv.2015.01.005>

Schwartz, S. H. (1977). Normative influences on altruism. *Advances in Experimental Social Psychology*, 10(C), 221–279.
[https://doi.org/10.1016/S0065-2601\(08\)60358-5](https://doi.org/10.1016/S0065-2601(08)60358-5)

Schwartz, S. H. (1992). Universals in the content and structure of values: Theoretical advances and empirical tests in 20 countries. *Advances in Experimental Social Psychology*, 25(C), 1–65.
[https://doi.org/10.1016/S0065-2601\(08\)60281-6](https://doi.org/10.1016/S0065-2601(08)60281-6)

Schwartz, S. H., & Bilsky, W. (1990). Toward a theory of the universal content and structure of values: extensions and cross-cultural replications. *Journal of Personality and Social Psychology*, 58(5), 878–891.

Shepardson, D. P., Niyogi, D., Choi, S., & Charusombat, U. (2009). Seventh grade students' conceptions of global warming and climate change. *Environmental Education Research*, 15(5), 549–570.
<https://doi.org/10.1080/13504620903114592>

Sigit, D. V., Ernawati, E., & Qibtiah, M. (2017). Hubungan Pengetahuan Lingkungan Hidup Dengan Kemampuan Pemecahan Masalah Pencemaran Lingkungan Pada Siswa Sman 6 Tangerang. *Biosfer: Jurnal Pendidikan Biologi*, 10(2), 1–6. <https://doi.org/10.21009/biosferjpb.10-2.1>

Steg, L. (2003). Can public transport compete with the private car?. *IATSS Research*, 27, 27-35.

Steg, L., Bolderdijk, J. W., Keizer, K., & Perlaviciute, G. (2014). An integrated framework for encouraging pro-environmental behaviour: the role of values, situational factors and goals. *Journal of Environmental Psychology*, 38, 104–115. <https://doi.org/10.1016/j.jenvp.2014.01.002>

Steg, L., & DeGroot, J. (2012). Environmental values. *Environmental Values*, 9780203495(January 2012), 1–224. <https://doi.org/10.4324/9780203495452>

- Stern, P. C. (1999). Information, incentives, and proenvironmental consumer behavior. *Journal of Consumer Policy*, 22(4), 461–478. <https://doi.org/10.1023/A:1006211709570>
- Stern, P. C. (2000). Toward a coherent theory of environmentally significant behavior. *Journal of Social Issues*, 56(3), 407–424. <https://doi.org/10.1111/0022-4537.00175>
- Stern, P. C., & Dietz, T. (1994). The value basis of environmental psychology. *Journal of Social Issues*, 50(3), 65–84.
- Sugiyono. (2010). *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Suplee, C. (1999). El Niño – La Niña : nature’s vicious cycle. *Nat. Geographic*, 195(3) : 72-95.
- Suryanda, A, Komala, R., & Fahlevi, R. (2020). Hubungan persepsi masyarakat pesisir tentang KKLD dan partisipasi masyarakat pesisir terhadap pengelolaan KKLD Lampung Barat. *Jurnal Pengelolaan Lingkungan Berkelanjutan*, 4(1), 410–423.
- Thøgersen, J., & Ölander, F. (2003). Spillover of environment-friendly consumer behaviour. *Journal of Environmental Psychology*, 23(3), 225–236. [https://doi.org/10.1016/S0272-4944\(03\)00018-5](https://doi.org/10.1016/S0272-4944(03)00018-5)
- Tobler, C., Visschers, V. H. M., & Siegrist, M. (2012). Consumers’ knowledge about climate change. *Climatic Change*, 114(2), 189–209. <https://doi.org/10.1007/s10584-011-0393-1>
- Ünal, A. B., Steg, L., & Gorsira, M. (2018). Values versus environmental knowledge as triggers of a process of activation of personal norms for eco-driving. *Environment and Behavior*, 50(10), 1092–1118. <https://doi.org/10.1177/0013916517728991>
- UNFCCC. (2007). *Climate Change: Impacts, Vulnerabilities and Adaptation In Developing Countries*. United Nations Framework Convention on Climate Change.
- Van der Werff, E., Steg, L., & Keizer, K. (2013). The value of environmental self-identity: The relationship between biospheric values, environmental self-identity and environmental preferences, intentions and behaviour. *Journal of Environmental Psychology*, 34, 55–63. <https://doi.org/10.1016/j.jenvp.2012.12.006>
- Yeboah, F., & Kaplowitz, M. (2016). Explaining energy conservation and environmental citizenship behaviors using the value-belief-norm framework. *Human Ecology Review*, 2(1). <https://doi.org/10.1007/BF00212584>

Widodo, Joko. (2021). Konferensi Tingkat Tinggi *Climate Adaptation Summit* (KTT CAS) 2021. Diakses melalui Laman Resmi Presiden Republik Indonesia • Presiden RI pada tanggal 01/02/2021.

