

FUCAPE PESQUISA E ENSINO S/A – FUCAPE ES

FERNANDA RAMOS SOUZA

**ANTECEDENTES DA PERCEPÇÃO DE DESENVOLVIMENTO
SUSTENTÁVEL: Um estudo comparativo entre consumidores de
municípios que recebem maior e menor volume de *royalties* do petróleo
do estado do Espírito Santo**

VITÓRIA

2025

FERNANDA RAMOS SOUZA

**ANTECEDENTES DA PERCEPÇÃO DE DESENVOLVIMENTO
SUSTENTÁVEL: Um estudo comparativo entre consumidores de
municípios que recebem maior e menor volume de *royalties* do petróleo
do estado do Espírito Santo**

Dissertação apresentada ao Programa de Pós-Graduação em Ciências Contábeis e Administração, da Fucape Pesquisa e Ensino S/A, como requisito parcial para obtenção do título de Mestre em Ciências Contábeis e Administração – Nível Profissionalizante.

Orientadora: Profa. Dra. Rozélia Laurett

VITÓRIA

2025

FERNANDA RAMOS SOUZA

**ANTECEDENTES DA PERCEPÇÃO DE DESENVOLVIMENTO
SUSTENTÁVEL: Um estudo comparativo entre consumidores de
municípios que recebem maior e menor volume de *royalties* do petróleo
do estado do Espírito Santo**

Dissertação apresentada ao Programa de Pós-Graduação em Ciências Contábeis e Administração da Fucape Pesquisa e Ensino S/A, como requisito parcial para obtenção do título de Mestre em Ciências Contábeis e Administração – Nível Profissionalizante.

Aprovada em 17 de novembro de 2025.

BANCA EXAMINADORA

Prof^a. Dra. Rozélia Laurett
Fucape Pesquisa e Ensino S/A

Prof. Dr. Walter Souto de Sousa
Fucape Pesquisa e Ensino S/A

Prof^o. Dra. Claudia Sofia Lourenço Dias
Universidade da Beira Interior e Pesquisadora do NECE-UBI - Research Center
in Business Sciences/Portugal).

**VITÓRIA
2025**

RESUMO

O estudo realizado investiga os fatores que influenciam a percepção de desenvolvimento sustentável (DS) entre consumidores de municípios capixabas que recebem diferentes volumes de *royalties* do petróleo. Utilizando uma abordagem quantitativa e descritiva, o estudo coletou dados por meio de questionários aplicados a consumidores de 78 municípios do Espírito Santo, divididos em dois grupos: aqueles que recebem mais *royalties* e os que recebem menos *royalties*. A análise dos dados foi realizada por meio de modelagem de equações estruturais (SEM) com a técnica de mínimos quadrados parciais (PLS) e análise de multigrupos. Os resultados indicaram que o comportamento de consumo verde e o conhecimento ambiental têm influência positiva na percepção de desenvolvimento sustentável, enquanto a impulsividade e o materialismo apresentaram impactos negativos sobre a percepção de desenvolvimento sustentável. A análise de multigrupos mostrou que não há diferenças significativas na percepção de DS entre os municípios que recebem mais ou menos *royalties*, sugerindo que fatores antecedentes podem ser mais determinantes do que o volume de recursos financeiros recebidos provenientes de *royalties* de petróleo.

Palavras-chave: desenvolvimento sustentável; consumo verde; *royalties*.

ABSTRACT

This study investigates the factors that influence the perception of sustainable development (SD) among consumers in municipalities in Espírito Santo that receive different amounts of oil royalties. Using a quantitative and descriptive approach, the study collected data through questionnaires administered to consumers in 78 municipalities in Espírito Santo, divided into two groups: those receiving more royalties and those receiving less. Data analysis was performed using structural equation modeling (SEM) with the partial least squares (PLS) technique and multigroup analysis. The results indicated that green consumption behavior and environmental knowledge have a positive influence on the perception of sustainable development, while impulsivity and materialism had negative impacts on the perception of sustainable development. The multigroup analysis showed no significant differences in the perception of SD between municipalities that receive more or less royalties, suggesting that antecedent factors may be more decisive than the volume of financial resources received from oil royalties.

Keywords: sustainable development; green consumption; royalties.

REFERÊNCIAS

- Agência Nacional do Petróleo, Gás Natural e Biocombustíveis. (2023). *Distribuição de royalties – 2023* [Conjunto de dados]. Governo Federal do Brasil. <https://www.gov.br/anp/pt-br/assuntos/royalties-e-outras-participacoes/arq-royalties/tabelas-contendo-o-valor-mensal-dos-royalties-dos-beneficiarios/2023/royalties-tabelas-06.xlsx>
- Agência Nacional do Petróleo, Gás Natural e Biocombustíveis. (2023). *Royalties*. Governo Federal do Brasil. <https://www.gov.br/anp/pt-br/assuntos/royalties-e-outras-participacoes/royalties>
- Albuquerque, M. C., & Feitosa, R. J. (2022). Federalismo e o impacto da justiça distributiva intergeracional na distribuição dos royalties marítimos do petróleo no Brasil. *Revista de Direito Brasileira*, 30(11), 78–95. <https://doi.org/10.26668/IndexLawJournals/2358-1352/2021.v30i11.8438>
- Al-Jayyousi, O., Hasan, W. N. W., Mohamed Saniff, S., Sever, S. D., & Tok, E. (2023). A critical discourse analysis of climate change in a globalized world: The nexus between Islam and sustainable development. *Sustainability*, 15(19), Article 14515. <https://doi.org/10.3390/su151914515>
- Amokrane, N., Viswanathan, A., Freedman, S., Yang, C.-Y., Desai, N. A., Pan, M.-K., Kuo, S.-H., & Lin, C.-Y. (2020). Impulsivity in cerebellar ataxias: Testing the cerebellar reward hypothesis in humans. *Movement Disorders*, 35(8), 1491–1493. <https://doi.org/10.1002/mds.28121>
- Arora, N. K., & Mishra, I. (2019). United Nations Sustainable Development Goals 2030 and environmental sustainability: Race against time. *Environmental Sustainability*, 2(4), 339–342. <https://doi.org/10.1007/s42398-019-00092-y>
- Arora, Naveen Kumar & Mishra, Isha. (2019). United Nations Sustainable Development Goals 2030 and environmental sustainability: race against time. *Environmental Sustainability*, 2(5), 339–342. <https://link.springer.com/article/10.1007/s42398-019-00092-y>
- Bag, S., Gupta, S., & Kumar, S. (2021). Industry 4.0 adoption and 10R advanced manufacturing capabilities for sustainable development. *International Journal of Production Economics*, 231, Article 107844. <https://doi.org/10.1016/j.ijpe.2020.107844>
- Bandyopadhyay, N., Sivakumaran, B., Patro, S., & Kumar, R. S. (2021). Immediate or delayed! Whether various types of consumer sales promotions drive impulse buying: An empirical investigation. *Journal of Retailing and Consumer Services*, 61, Article 102532. <https://doi.org/10.1016/j.jretconser.2021.102532>

- Bedrunka, D., Buchta, K., Szary, P., Maniakowska, K., Kiper, P., Rutkowska, A., & Rutkowski, S. (2019). The effect of virtual reality exercise on physical fitness. *Medical Rehabilitation*, 23(2), 4–9. <https://doi.org/10.5604/01.3001.0013.3717>
- Bergen, N., & Labonté, R. (2020). “Everything is perfect, and we have no problems”: Detecting and limiting social desirability bias in qualitative research. *Qualitative Health Research*, 30(5), 783–792. <https://doi.org/10.1177/1049732319889354>
- Bido, D. de S., & Silva, D. da. (2019). SmartPLS 3: Especificação, estimação, avaliação e relato. *Administração: Ensino e Pesquisa*, 20(2), 488–536. <https://doi.org/10.13058/raep.2019.v20n2.1545>
- Bielinski, M., Oliveira, M. O. R., & Flores, S. A. M. (2017). O uso do cartão de crédito no comportamento de compra impulsiva de jovens universitários. *International Journal of Business & Marketing*, 2(2), 55–73. <http://www.spell.org.br/documentos/ver/55653/o-uso-do-cartao-de-credito-no-comportamento-de-compra-impulsiva-de-jovens-universitarios/i/pt-br>
- Brito, J. S., & Paiva, G. M. C. (2020). Avaliação da aplicabilidade da educação ambiental crítica nas principais trilhas da serra de Aratanha em Pacatuba (CE). *Revista Brasileira de Educação Ambiental*, 15(3), 18–35. <https://doi.org/10.34024/revbea.2020.v15.10193>
- Büchs, M., & Koch, M. (2019). Challenges for the degrowth transition: The debate about wellbeing. *Futures*, 105, 155–165. <https://doi.org/10.1016/j.futures.2018.09.002>
- Carnicelli, L., & Postali, F. A. S. (2014). Royalties do petróleo e emprego público nos municípios brasileiros. *Estudos Econômicos (São Paulo)*, 44(3), 469–493. <https://doi.org/10.1590/S0101-41612014000300002>
- Cernev, T., & Fenner, R. (2020). The importance of achieving foundational Sustainable Development Goals in reducing global risk. *Futures*, 115, Article 102492. <https://doi.org/10.1016/j.futures.2019.102492>
- Chaihanchai, P., & Anantachart, S. (2023). Encouraging green product purchase: Green value and environmental knowledge as moderators of attitude–behavior relationship. *Business Strategy and the Environment*, 32(1), 289–303. <https://doi.org/10.1002/bse.3130>
- Chakrabarti, R., Fung, T. S., Kang, T., Elonkirjo, P. W., Suomalainen, A., Usherwood, E. J., & Higgs, H. N. (2022). Mitochondrial dysfunction triggers actin polymerization necessary for rapid glycolytic activation. *Journal of Cell Biology*, 221(11), Article e202201160. <https://doi.org/10.1083/jcb.202201160>

- Chou, S. F., Horng, J. S., Liu, C. H. S., & Lin, J. Y. (2020). Identifying the critical factors of customer behavior: An integration perspective of marketing strategy and components of attitudes. *Journal of Retailing and Consumer Services*, 55, Article 102113. <https://doi.org/10.1016/j.jretconser.2020.102113>
- Clark, R. L., Connors, B. M., Stevenson, D. M., Hromada, S. E., Hamilton, J. J., Amador-Noguez, D., & Venturelli, O. S. (2021). Design of synthetic human gut microbiome assembly and butyrate production. *Nature Communications*, 12(1), Article 3254. <https://doi.org/10.1038/s41467-021-22938-y>
- Correia, E., Sousa, S., Viseu, C., & Larguinho, M. (2023). Analyzing the influence of green marketing communication on consumers' green purchase behaviour. *International Journal of Environmental Research and Public Health*, 20(2), Article 1356. <https://doi.org/10.3390/ijerph20021356>
- Costa, T., Ramos, H., Vils, L., & Cunha, J. (2021). Are altruists environmentally responsible and materialists environmentally irresponsible? An analysis on the moderation of social desirability and mediation of environmental awareness. *Brazilian Business Review*, 18(5), 585–604. <https://doi.org/10.15728/bbr.2021.18.5.6>
- Damázio, L. F. Coutinho, L. A. N., & Shigaki, H. B. (2020). Comportamento do consumidor em relação a produtos sustentáveis: Uma revisão sistemática. *Revista Eletrônica de Ciência Administrativa*, 19(3), 374–392. <http://dx.doi.org/10.21529/RECADM.2020016>
- Deuner, J. K. (2022). O SNUC, a produção do conhecimento e ação relativas ao uso público e educação ambiental no Brasil (2014-2020). *Revista Brasileira de Educação Ambiental* 17(1), 247–270. <https://doi.org/10.34024/revbea.2022.v17.11989>
- Donthu, N., & Gustafsson, A. (2020). Effects of COVID-19 on business and research. *Journal of Business Research*, 117, 284–289. <https://doi.org/10.1016/j.jbusres.2020.06.008>
- Dörler, D., Fritz, S., Voigt-Heucke, S., & Heigl, F. (2021). (2021). Citizen science and the role in sustainable development. *Sustainability*, 13(10), Article 5676. <https://doi.org/10.3390/su13105676>.
- Elkington, J. (1998). *Cannibals with forks: The triple bottom line of 21st century business*. Capstone. <https://www.proquest.com/openview/804cc9d98196ef6e26d88748e89f8db0/1?pq-origsite=gscholar&cbl=35934>
- Feng, J., Wang, Y., Ji, Z., & Zhang, D. (2022). The effect of ostracism on adults' materialism: The roles of security and self-construal. *Frontiers in Psychology*, 13, Article 796924. <https://doi.org/10.3389/fpsyg.2022.796924>.

- Fornell, C., & Larcker, D. F. (1981). Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research*, 18(1), 39–50. <https://doi.org/10.1177/002224378101800104>
- Froemming, D. S., Contani, E. A. do R., Bergmann, D. R., & Silva, F. L. da. (2020). A distribuição dos royalties do petróleo e a eficiência na gestão financeira dos municípios do estado de São Paulo. *Administração Pública e Gestão Social*. 12(2). <https://doi.org/10.21118/apgs.v12i2.5519>.
- Fukuda-Parr, S., & Muchhala, B. (2020). The Southern origins of sustainable development goals: Ideas, actors, aspirations. *World Development*, 126, Article 104706. <https://doi.org/10.1016/j.worlddev.2019.104706>
- Goldsmith, R. E., Flynn, L. R., & Clark, R. A. (2012). Materialism, brand engagement and status consumption impacting clothing behaviors. *Journal of Fashion Marketing and Management*, 16(1), 102–119. <https://doi.org/10.1108/13612021211203050>
- Golob, U., Kos Koklič, M., Podnar, K., & Žabkar, V. (2018). The role of environmentally conscious purchase behaviour and green scepticism in organic food consumption. *British Food Journal*, 120(10), 2411–2424. <https://doi.org/10.1108/BFJ-08-2017-0457>
- González-Rodríguez, M. R., Díaz-Fernández, M. C., & Biagio, S. (2019). The perception of social and environmental responsibility practices based on values and cultural environment from a customer perspective. *Journal of Cleaner Production*, 216, 88–98. <https://doi.org/10.1016/j.jclepro.2019.01.189>
- Güney, T. (2019). Renewable energy, non-renewable energy and sustainable development. *International Journal of Sustainable Development & World Ecology*, 26(5), 389–397. <https://doi.org/10.1080/13504509.2019.1595214>
- Gutberlet, J. (2021). Grassroots waste picker organizations addressing the UN sustainable development goals. *World Development*, 138, Article 105195. <https://doi.org/10.1016/j.worlddev.2020.105195>
- Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European Business Review*, 31(1), 2–24. <https://doi.org/10.1108/EBR-11-2018-0203>
- He, Y., Wang, B., Wen, L., Wang, F., Yu, H., Chen, D., Su, X., & Zhang, C. (2022). Effects of dietary fiber on human health. *Food Science and Human Wellness*, 11(1), 1–10. <https://doi.org/10.1016/j.fshw.2021.07.001>
- Henseler, J., Ringle, C. M., & Sarstedt, M. (2015). A new criterion for assessing discriminant validity in variance-based structural equation modeling. *Journal of the Academy of Marketing Science*, 43(1), 115–135. <https://doi.org/10.1007/s11747-014-0403-8>

- Henseler, J., Ringle, C. M., & Sarstedt, M. (2016). Testing moderating effects in PLS path models with composite variables. *Industrial Management & Data Systems*, 116(9), 1887-1907. <https://doi.org/10.1108/IMDS-06-2016-0248>
- Hohmann, L. A., & Garza, K. B. (2022). The moderating power of impulsivity: a systematic literature review examining the theory of planned behavior. *Pharmacy*, 10(4), 85. <https://doi.org/10.3390/pharmacy10040085>.
- Holdgate, M. W. (1987). Our common future: Report of the World Commission on Environment and Development. *Environmental Conservation*, 14(3), 282. <https://doi.org/10.1017/S0376892900016702>
- Isham, A., Verfuether, C., Armstrong, A., Elf, P., Gatersleben, B., & Jackson, T. (2022). The problematic role of materialistic values in the pursuit of sustainable well-being. *International Journal of Environmental Research and Public Health*, 19(6), Article 3673. <https://doi.org/10.3390/ijerph19063673>.
- Jong, E., & Vijge, M. J. (2021). From Millennium to Sustainable Development Goals: Evolving discourses and their reflection in policy coherence for development. *Earth System Governance*, 7, Article 100087. <https://doi.org/10.1016/j.esg.2020.100087>
- Kabir, S. F., Sikdar, P. P., Haque, B., Bhuiyan, M. R., Ali, A., & Islam, M. N. (2018). Cellulose-based hydrogel materials: Chemistry, properties and their prospective applications. *Progress in Biomaterials*, 7(3), 153–174. <https://doi.org/10.1007/s40204-018-0095-0>
- Kautish, P., Khare, A. & Sharma, R. (2020), Values, sustainability consciousness and intentions for SDG endorsement. *Marketing Intelligence & Planning*, 38(7), 921-939. <https://doi.org/10.1108/MIP-09-2019-0490>
- Kesenheimer, J. S., & Greitemeyer, T. (2021). A “lockdown” of materialistic values and pro-environmental behavior: Short-term effects of the COVID-19 pandemic. *Sustainability*, 13(21), Article 11774. <https://doi.org/10.3390/su132111774>
- Khan, I. S., Ahmad, M. O., & Majava, J. (2021). Industry 4.0 and sustainable development: A systematic mapping of triple bottom line, circular economy and sustainable business models perspectives. *Journal of Cleaner Production*, 297, Article 126655. <https://doi.org/10.1016/j.jclepro.2021.126655>
- Kiselakova, D., Stec, M., Grzebyk, M., & Sofrankova, B. (2020). A multidimensional evaluation of the sustainable development of European Union countries – An empirical study. *Journal of Competitiveness*, 12(4), 56–73. <https://doi.org/10.7441/joc.2020.04.04>.

- Kroll, C., Warchold, A., & Pradhan, P. (2019). Sustainable Development Goals (SDGs): Are we successful in turning trade-offs into synergies? *Palgrave Communications*, 5, Article 140. <https://doi.org/10.1057/s41599-019-0335-5>
- Kusnik, D., & Smolka, B. (2022). Robust mean shift filter for mixed Gaussian and impulsive noise reduction in color digital images. *Scientific Reports*, 12, Article 19161. <https://www.nature.com/articles/s41598-022-19161-0>
- Laurett, R., Paço, A., & Mainardes, E. W. (2021). Sustainable development in agriculture and the moderating role of barriers: A proposal and test of a structural model. *Journal of Rural Studies*, 86, 270–281. <https://doi.org/10.1016/j.jrurstud.2021.06.014>
- Liang, J., Li, J., & Lei, Q. (2022). Exploring the influence of environmental values on sustainable apparel consumption behavior: A multiple mediation chain model among Chinese Generation Z. *Sustainability*, 14(19), Article 12850. <https://doi.org/10.3390/su141912850>
- Lima, G. F. da C., Torres, M. B. R., & Rebouças, J. P. P. (2022). A educação ambiental crítica brasileira frente às crises contemporâneas: Desafios e potencialidades. *Revista Brasileira de Educação Ambiental*, 17(5), 117–131. <https://doi.org/10.34024/revbea.2022.v15.13965>
- Mafrá, A. I., & Bonassina, A. L. B. (2022). Análises práticas de educação ambiental. *Revista Brasileira de Educação Ambiental* 17(3), 294–304. <https://doi.org/10.34024/revbea.2022.v17.12188>
- Melo, T. G. P. R., Melo Neto, O. de M., Silva, G. C. B. da, & Sousa, M. S. de. (2020). Empresas rurais: Importância da preservação ambiental frente ao desenvolvimento econômico. *Research, Society and Development*, 9(4), e149943007. <https://doi.org/10.33448/rsd-v9i4.3007>
- Mensah, J. (2019). Sustainable development: Meaning, history, principles, pillars, and implications for human action: Literature review. *Cogent Social Sciences*, 5(1), Article 1653531. <https://doi.org/10.1080/23311886.2019.1653531>
- Migliavada, R., Coricelli, C., Bolat, E. E., Uçuk, C., & Torri, L. (2022). The modulation of sustainability knowledge and impulsivity traits on meat and plant-based foods consumption in Italy and Turkey. *Scientific Reports*, 12, Article 20387. <https://doi.org/10.1038/s41598-022-24325-z>
- Mio, C., Panfilo, S., & Blundo, B. (2020). Sustainable development goals and the strategic role of business: A systematic literature review. *Business Strategy and the Environment*, 29(8), 3220–3245. <https://doi.org/10.1002/bse.2568>

- Muruganantham, G., & Bhakat, R. S. (2013). A review of impulse buying behavior. *International Journal of Marketing Studies*, 5(3), 149–160. <https://doi.org/10.5539/ijms.v5n3p149>
- Nascimento, T. M. do. (2019). *Comprar bem me faz feliz? A influência do comportamento pró-ambiental no bem-estar subjetivo do consumidor* [Dissertação de mestrado, Pontifícia Universidade Católica do Rio Grande do Sul]. Repositório Institucional da PUCRS. <https://tede2.pucrs.br/tede2/handle/tede/8758>
- Nunes, R., Cunha, C. F. da, Xavier, L. dos S., & Silva, V. L. (2024). Consumer attitudes in the ecological sociotechnical transition: A comparative study between Argentina, Brazil, China, France and Italy. *British Food Journal*, 126(8), 3070–3087. <https://doi.org/10.1108/BFJ-01-2024-0070>
- Oliveira, A. N. A. de & Ferreira, P. F. A. (2024). Impactos humanos ao meio ambiente: Desenvolvimento e consumo sustentável e a influência negativa do consumismo. *Revista Jurídica Cesumar*, 24(1), 185–204. <https://periodicos.unicesumar.edu.br/index.php/revjuridica/article/view/12129>
- Pateman, R., Tuhkanen, H., & Cinderby, S. (2021). Citizen science and the Sustainable Development Goals in low and middle income country cities. *Sustainability*, 13(17), Article 9534. <https://doi.org/10.3390/su13179534>
- Pivetta, N. P., Scherer, F. L., & Trindade, N. R. (2020). Comportamento do consumidor voltado para a sustentabilidade: Elucidando o campo teórico e contribuindo para agenda de pesquisa. *Pensamento & Realidade*, 35(1), 15–32. <https://revistas.pucsp.br/index.php/pensamentorealidade/article/view/48280/pdf>
- Portulhak, H., Raffaelli, S. C. D., & Scarpin, J. E. (2020). Eficiência na aplicação de recursos de royalties de petróleo: Identificação dos municípios brasileiros de referência. *Revista Catarinense da Ciência Contábil*, 19, Article e2866. <https://doi.org/10.16930/2237-766220202866>
- Pujara, Y., Pathak, P., Sharma, A., & Govani, J. (2019). Review of Indian municipal solid waste management practices for reduction of environmental impacts to achieve sustainable development goals. *Journal of Environmental Management*, 248, Article 109238. <https://doi.org/10.1016/j.jenvman.2019.07.009>
- Quoquab, F., Mohammad, J., & Sukari, N. N. (2019). A multiple-item scale for measuring “sustainable consumption behaviour” construct: Development and psychometric evaluation. *Asia Pacific Journal of Marketing and Logistics*, 31(4), 791–816. <https://doi.org/10.1108/APJML-02-2018-0047>
- Randers, J., Rockström, J., Stoknes, P. E., Goluke, U., Collste, D., Cornell, S. E., & Donges, J. (2019). Achieving the 17 Sustainable Development Goals

within 9 planetary boundaries. *Global Sustainability*, 2, Article e24. <https://doi.org/10.1017/sus.2019.22>

Reis, D. A., & Santana, J. R. (2015). Os efeitos da aplicação dos royalties petrolíferos sobre os investimentos públicos nos municípios brasileiros. *Revista de Administração Pública*, 49(1), 91–117. <https://doi.org/10.1590/0034-76121815>

Saniuk, S., Grabowska, S., & Gajdzik, B. (2020). Personalization of products in the Industry 4.0 concept and its impact on achieving a higher level of sustainable consumption. *Energies*, 13(22), Article 5895. <https://doi.org/10.3390/en13225895>

Schroeder, P., Anggraeni, K., & Weber, U. (2019). The relevance of circular economy practices to the sustainable development goals. *Journal of Industrial Ecology*, 23(1), 77–95. <https://doi.org/10.1111/jiec.12732>

Sciarelli, M., Cosimato, S., Landi, G., & landolo, F. (2021). Socially responsible investment strategies for the transition towards sustainable development: The importance of integrating and communicating ESG. *The TQM Journal*, 33(7), 39–56. <https://doi.org/10.1108/TQM-08-2020-0180>

Shabir, M., Yasin, M., Hussain, M., Shafiq, I., Akhter, P., Nizami, A. S., & Park, Y. K. (2022). A review on recent advances in the treatment of dye-polluted wastewater. *Journal of Industrial and Engineering Chemistry*, 112, 1–19. <https://doi.org/10.1016/j.jiec.2022.05.013>

Shang, W., Zhu, R., Liu, W., & Liu, Q. (2024). Understanding the influences on sustainable purchase intention with moderation by sustainability awareness. *Sustainability*, 16(11), Article 4688. <https://doi.org/10.3390/su16114688>

Sierra-García, L., Bolas-Araya, H. M., & García-Benau, M. A. (2022). Sustainable development goals and assurance of non-financial information reporting in Spain. *Sustainability Accounting, Management and Policy Journal*, 13(4), 878–898. <https://doi.org/10.1108/SAMPJ-04-2021-0131>

Silva, J. C. da, Leal, L. T. A., Schmidt, S., Fuhr, M. da S., & Saraiva, E. S. (2023). Saúde mental, adoecimento e trabalho docente. *Psicologia Escolar e Educacional*, 27, Artigo e242262. <https://doi.org/10.1590/2175-35392023-242262>

Simanjuntak, M., Nafila, N. L., Yuliati, L. N., Johan, I. R., Najib, M., & Sabri, M. F. (2023). Environmental care attitudes and green product purchase intention: Impact of environmental knowledge, word of mouth, and green marketing. *Sustainability*, 15(6), Article 5445. <https://doi.org/10.3390/su15065445>

Sousa, R. D. R. de, & Gomes, E. T. A. (2022). Os principais estados produtores de petróleo no Brasil e os efeitos da aplicação dos recursos dos royalties

do petróleo. *Research, Society and Development*, 11(12), Article e34376.
<https://doi.org/10.33448/rsd-v11i12.34376>

Souza, F. R. S. (2020). Educação ambiental e sustentabilidade: Uma intervenção emergente na escola. *Revista Brasileira de Educação Ambiental*, 15(3), 115–121. <https://doi.org/10.34024/revbea.2020.v15.9616>

Swiderska, K., Argumedo, A., Wekesa, C., Ndalilo, L., Song, Y., Rastogi, A., & Ryan, P. (2022). Indigenous Peoples' food systems and biocultural heritage: Addressing Indigenous priorities using decolonial and interdisciplinary research approaches. *Sustainability*, 14(18), Article 11311. <https://doi.org/10.3390/su141811311>

Talukdar, N., & Yu, S. (2020). Do materialists care about sustainable luxury? *Marketing Intelligence & Planning*, 38(4), 465–478. <https://doi.org/10.1108/MIP-05-2019-0277>

Thøgersen, J., & Alfinito, S. (2020). Goal activation for sustainable consumer choices: A comparative study of Denmark and Brazil. *Journal of Consumer Behaviour*, 19(6), 556–569. <https://doi.org/10.1002/cb.1824>

Trudel, R. (2019). Sustainable consumer behavior. *Consumer Psychology Review*, 2(1), 85–96. <https://doi.org/10.1002/arcp.1045>

Van der Waal, J. W., & Thijssens, T. (2020). Corporate involvement in the Sustainable Development Goals: Exploring the territory. *Journal of Cleaner Production*, 252, Article 119625. <https://doi.org/10.1016/j.jclepro.2019.119625>

Verma, S., & Gustafsson, A. (2020). Investigating the emerging COVID-19 research trends in business and management: A bibliometric analysis approach. *Journal of Business Research*, 118, 253–261. <https://doi.org/10.1016/j.jbusres.2020.06.057>

Vieira, K. M., Oliveira, M. O. R. de, & Kunkel, F. I. R. (2016). The credit card use and debt: Is there a trade-off between compulsive buying and ill-being perception? *Journal of Behavioral and Experimental Finance*, 10, 75–87. <https://doi.org/10.1016/j.jbef.2016.03.001>

Wang, J., & Huo, Y. (2022). Effect of materialism on pro-environmental behavior among youth in China: The role of nature connectedness. *Frontiers in Psychology*, 13, Article 794816. <https://doi.org/10.3389/fpsyg.2022.794816>

Wang, J., Yang, M., & Maresova, P. (2020). Sustainable development at higher education in China: A comparative study of students' perception in public and private universities. *Sustainability*, 12(6), Article 2158. <https://doi.org/10.3390/su12062158>

- Yue, B., Sheng, G., She, S., & Xu, J. (2020). Impact of consumer environmental responsibility on green consumption behavior in China: The role of environmental concern and price sensitivity. *Sustainability*, 12(5), Article 2074. <https://doi.org/10.3390/su12052074>
- Zeng, Z., Zhong, W., & Naz, S. (2023). Can environmental knowledge and risk perception make a difference? The role of environmental concern and pro-environmental behavior in fostering sustainable consumption behavior. *Sustainability*, 15(6), Article 4791. <https://doi.org/10.3390/su15064791>
- Zimmermann, P. (2024). *Comunicação organizacional para a cultura oceânica e o desenvolvimento sustentável* [Dissertação de mestrado, Universidade de São Paulo]. Biblioteca Digital de Teses e Dissertações da USP. <https://doi.org/10.11606/D.27.2024.tde-03072024-153035>