

DAFTAR PUSTAKA

Buku dan Jurnal

- Albab, W. U. (2023). Kajian Terhadap Pembangunan Geotermal di Pulau Flores Berdasarkan Prespektif Teori Keadilan (John Rawls). *Deposisi: Jurnal Publikasi Ilmu Hukum*, 1(4), 286-302.
- Avelino, F., Hielscher, S., Strumińska-Kutra, M., de Geus, T., Widdel, L., Wittmayer, J., ... & Crudi, F. (2023). Power to, over and with: Exploring power dynamics in social innovations in energy transitions across Europe. *Environmental Innovation and Societal Transitions*, 48, 100758.
- Azevedo, I., Bataille, C., Bistline, J., Clarke, L., & Davis, S. (2021). Net-zero emissions energy systems: what we know and do not know. *Energy and Climate Change*, 2, 100049.
- Baasch, S., Maschke, J., & Buhk, J. (2024). An (in-) just transition? Sociotechnical imaginaries of the "green" hydrogen and steel transition in Bremen, Germany. *Futures*, 164, 103489.
- Bánkuty-Balogh, L. S. (2021). The role of techno-optimism in environmental sustainability narratives. *Environmental, social and economic sustainability in the light of the geopolitical challenges of our age*, 72.
- Bina, S. M., Jalilinasrabad, S., Fujii, H., & Pambudi, N. A. (2018). Classification of geothermal resources in Indonesia by applying energy concept. *Renewable and Sustainable Energy Reviews*, 93, 499-506.
- Byskov, M. F., & Hyams, K. (2022). Epistemic injustice in climate adaptation. *Ethical Theory and Moral Practice*, 25(4), 613-634.
- Campbell, S., Greenwood, M., Prior, S., Shearer, T., Walkem, K., Young, S., ... & Walker, K. (2020). Purposive sampling: complex or simple? Research case

- examples. *Journal of research in Nursing*, 25(8), 652-661.
- Cardoso, A. R., Fernandes, C., & Honrado, J. P. (2025). Social-ecological memory: From concepts and methods to applications. *Geographical Research*, 63(2), 179-198.
- Daud, Y., Nuqramadha, W. A., Fahmi, F., Sesesege, R. S., Pratama, S. A., & Munandar, A. (2019). Resistivity characterization of the Arjuno-Welirang volcanic geothermal system (Indonesia) through 3-D Magnetotelluric inverse modeling. *Journal of Asian Earth Sciences*, 174, 352-363
- Diver, S., Vaughan, M., & Baker-Medard, M. (2024). Collaborative care in environmental governance: restoring reciprocal relations and community self-determination. *Ecology and Society*, 29(1).
- Drake, P. (2018). Emergent injustices: An evolution of disaster justice in Indonesia's mud volcano. *Environment and Planning E: Nature and Space*, 1(3), 307-322.
- Eatough, V., & Smith, J. A. (2017). Interpretative phenomenological analysis. *The Sage handbook of qualitative research in psychology*, 193-209.
- Fathoni, H. S., Setyowati, A. B., & Prest, J. (2021). Is community renewable energy always just? Examining energy injustices and inequalities in rural Indonesia. *Energy Research & Social Science*, 71, 101825.
- Fielding, N. G. (2020). Critical qualitative research and impact in the public sphere. *Qualitative Inquiry*, 26(2), 142-152.
- Fiko, G. E., Alatas, M., Listyawati, A., Suryani, S., & Andari, S. (2024). Post-Political Governance and the Return of the Political: PROPER-rated Geothermal Enterprise, Environmental Problems, and Civil Resistance in Dieng Plateau, Central Java. *JKAP (Jurnal Kebijakan dan Administrasi Publik)*, 28(1), 18-35.
- Fosu, E., Fosu, F., Akyina, N., & Asiedu, D. (2024). Do environmental CSR practices promote corporate social performance? The mediating role of green innovation and corporate image. *Cleaner and Responsible Consumption*, 12, 100155.

- Gambini, R., Waters, D. W., Sansone, F., & Memmo, V. (2025). Risk and Uncertainty in Geothermal Projects: Characteristics, Challenges and Application of the Novel Reverse Enthalpy Methodology. *Energies*, *18*(15), 4157.
- Greenberg, E., & McKendry, C. (2021). Contested power: Energy democracy and the repoliticization of electricity in the western US. *Energy Research & Social Science*, *73*, 101942.
- Grimley, M., Giesting, A., Komoroski, S., & Chan, G. (2024). Processes of power: Transitions and justice of energy infrastructure in Minnesota. *Energy Research & Social Science*, *111*, 103458.
- Gudowsky, N., & Peissl, W. (2016). Human centred science and technology-transdisciplinary foresight and co-creation as tools for active needs-based innovation governance. *European Journal of Futures Research*, *4*(1), 8.
- Halimatussadiyah, A., Kruger, W., Wagner, F., Afifi, F. A. R., Lufti, R. E. G., & Kitzing, L. (2024). The country of perpetual potential: Why is it so difficult to procure renewable energy in Indonesia?. *Renewable and Sustainable Energy Reviews*, *201*, 114627.
- Hess, D. J. (2019). Coalitions, framing, and the politics of energy transitions: Local democracy and community choice in California. *Energy Research & Social Science*, *50*, 38-50.
- Hess, D. J., & Sovacool, B. K. (2020). Sociotechnical matters: Reviewing and integrating science and technology studies with energy social science. *Energy Research & Social Science*, *65*, 101462.
- Holden, E., Linnerud, K., & Rygg, B. J. (2021). A review of dominant sustainable energy narratives. *Renewable and Sustainable Energy Reviews*, *144*, 110955.
- Ibenrissoul, A., Kammoun, S., & Lahiani, A. (2024). Cost-benefit analysis economic evaluation of CSR projects: evidence from Morocco. *International Journal of*

Business Governance and Ethics, 18(4-5), 456-471.

- Ibrohim, A., Prasetyo, R. M., & Rekinagara, I. H. (2019, April). Understanding social acceptance of geothermal energy: a case study from Mt. Lawu, Indonesia. In *IOP Conference Series: Earth and Environmental Science* (Vol. 254, No. 1, p. 012009). IOP Publishing.
- Illenberger, J., & Flötteröd, G. (2012). Estimating network properties from snowball sampled data. *Social Networks*, 34(4), 701-711.
- Jasanoff, S., & Kim, S. H. (2009). Containing the atom: Sociotechnical imaginaries and nuclear power in the United States and South Korea. *Minerva*, 47, 119-146.
- Jasanoff, S., & Kim, S. H. (Eds.). (2019). *Dreamscapes of modernity: Sociotechnical imaginaries and the fabrication of power*. University of Chicago Press.
- Kuchler, M., & Stigson, G. M. (2024). Unravelling the ‘collective’ in sociotechnical imaginaries: A literature review. *Energy Research & Social Science*, 110, 103422.
- Levenda, A. M., Behrsin, I., & Disano, F. (2021). Renewable energy for whom? A global systematic review of the environmental justice implications of renewable energy technologies. *Energy Research & Social Science*, 71, 101837.
- Lim, H., & Eun, J. (2018). Exploring perceptions of sustainable development in South Korea: an approach based on advocacy coalition framework’s belief system. *Journal of Open Innovation: Technology, Market, and Complexity*, 4(4), 54.
- Liu, P. H., & Lin, J. C. (2025). Integrated risk assessment and mitigation strategies for geothermal energy development: technical, socio-political, and financial dimensions. *Sustainable Energy Research*, 12(1), 1-21.
- Lombe, M., & Sherraden, M. (2013). Inclusion in the policy process: An agenda for participation of the marginalized. In *New Horizons for Policy Practice* (pp.

- 109-123). Routledge.
- Markard, J., Suter, M., & Ingold, K. (2016). Socio-technical transitions and policy change-Advocacy coalitions in Swiss energy policy. *Environmental Innovation and Societal Transitions*, 18, 215-237.
- Marquardt, J. (2024). How Greens turn gray: Green Party politics and the depoliticization of energy and climate change. *Frontiers in Political Science*, 5, 1301734.
- Mayer, A., & Parks, P. (2024). Media and partisanship in energy transition: towards a new synthesis. *Energy Research & Social Science*, 108, 103368.
- Movik, S., & Allouche, J. (2020). States of power: Energy imaginaries and transnational assemblages in Norway, Nepal and Tanzania. *Energy Research & Social Science*, 67, 101548.
- Mutter, A. (2019). Mobilizing sociotechnical imaginaries of fossil-free futures—Electricity and biogas in public transport in Linköping, Sweden. *Energy Research & Social Science*, 49, 1-9.
- Ndapuka, A. T., Wanjekeche, T., & Kanime, M. M. (2024). Policy process analysis: Advocacy coalitions in the Namibian electricity market reform. *Energy Strategy Reviews*, 55, 101534.
- Neusteurer, D. (2016). The concept of green economy and its role in hegemonic neoliberal capitalism. *Socijalna ekologija: časopis za ekološku misao i sociologijska istraživanja okoline*, 25(3), 311-324
- Newell, P., Daley, F., Mikheeva, O., & Peša, I. (2023). Mind the gap: The global governance of just transitions. *Global policy*, 14(3), 425-437.
- Nohrstedt, D., & Weible, C. M. (2010). The logic of policy change after crisis: Proximity and subsystem interaction. *Risk, hazards & crisis in public policy*, 1(2), 1-32.

- Nowlin, M. C. (2021). Political beliefs, views about technocracy, and energy and climate policy preferences. *Public Understanding of Science*, 30(3), 331-348.
- Pallett, H. (2016). Environmental citizenship. *International Encyclopedia of Geography: People, the Earth, Environment and Technology: People, the Earth, Environment and Technology*, 1-10.
- Pambudi, N. A., & Ulfa, D. K. (2024). The geothermal energy landscape in Indonesia: A comprehensive 2023 update on power generation, policies, risks, phase and the role of education. *Renewable and Sustainable Energy Reviews*, 189, 114008.
- Pruess, K. (2006). Enhanced geothermal systems (EGS) using CO₂ as working fluid—A novel approach for generating renewable energy with simultaneous sequestration of carbon. *Geothermics*, 35(4), 351-367.
- Qorizki, D., Permadi, D. B., Yuwono, T., & Rohman, R. (2021). Should drill or shouldn't drill? Urban and rural dwellers' acceptance of geothermal power plant in Mount Slamet protection forest, Indonesia. *Forest and Society*, 5(2), 575-590.
- Reyseliani, N., Hidayatno, A., & Purwanto, W. W. (2022). Implication of the Paris agreement target on Indonesia electricity sector transition to 2050 using TIMES model. *Energy Policy*, 169, 113184.
- Richter, J. A., Tidwell, A. S., Fisher, E., & Miller, T. R. (2017). STIRring the grid: engaging energy systems design and planning in the context of urban sociotechnical imaginaries. *Innovation: The European Journal of Social Science Research*, 30(3), 365-384.
- Robinson, R. S. (2024). Purposive sampling. In *Encyclopedia of quality of life and well-being research* (pp. 5645-5647). Cham: Springer International Publishing.
- Sabatier, P. A. (1988). An advocacy coalition framework of policy change and the role of policy-oriented learning therein. *Policy sciences*, 21(2), 129-168.
- Sadowski, J., & Levenda, A. M. (2020). The anti-politics of smart energy

- regimes. *Political Geography*, 81, 102202.
- Sahide, M. A. K., Fisher, M. R., Maryudi, A., Dhiaulhaq, A., Wulandari, C., Kim, Y. S., & Giessen, L. (2018). Deadlock opportunism in contesting conservation areas in Indonesia. *Land use policy*, 77, 412-424.
- Scoones, I., Stirling, A., Abrol, D., Atela, J., Charli-Joseph, L., Eakin, H., ... & Yang, L. (2020). Transformations to sustainability: combining structural, systemic and enabling approaches. *Current Opinion in Environmental Sustainability*, 42, 65-75.
- Shortall, R., Davidsdottir, B., & Axelsson, G. (2015). Geothermal energy for sustainable development: A review of sustainability impacts and assessment frameworks. *Renewable and sustainable energy reviews*, 44, 391-406.
- Sovacool, B. K., Hess, D. J., Amir, S., Geels, F. W., Hirsh, R., Medina, L. R., ... & Yearley, S. (2020). Sociotechnical agendas: Reviewing future directions for energy and climate research. *Energy Research & Social Science*, 70, 101617.
- Spijkerboer, R. C., Turhan, E., Roos, A., Billi, M., Vargas-Payera, S., Opazo, J., & Armiero, M. (2022). Out of steam? A social science and humanities research agenda for geothermal energy. *Energy Research & Social Science*, 92, 102801.
- Surya, B., Suriani, S., Menne, F., Abubakar, H., Idris, M., Rasyidi, E. S., & Remmang, H. (2021). Community empowerment and utilization of renewable energy: Entrepreneurial perspective for community resilience based on sustainable management of slum settlements in Makassar City, Indonesia. *Sustainability*, 13(6), 3178.
- Stirling, A. (2024). Responsibility and the hidden politics of directionality: opening up 'innovation democracies' for sustainability transformations. *Journal of Responsible Innovation*, 11(1), 2370082.
- Swarnakar, P., & Singh, M. K. (2022). Local governance in just energy transition: towards a community-centric framework. *Sustainability*, 14(11), 6495.
- Smith, J. M., & Tidwell, A. S. (2016). The everyday lives of energy transitions: Contested sociotechnical imaginaries in the American West. *Social Studies of Science*, 46(3), 327-350.

- Sovacool, B. K., Hess, D. J., Amir, S., Geels, F. W., Hirsh, R., Medina, L. R., ... & Yearley, S. (2020). Sociotechnical agendas: Reviewing future directions for energy and climate research. *Energy Research & Social Science*, 70, 101617.
- Spijkerboer, R. C., Turhan, E., Roos, A., Billi, M., Vargas-Payera, S., Opazo, J., & Armiero, M. (2022). Out of steam? A social science and humanities research agenda for geothermal energy. *Energy Research & Social Science*, 92, 102801.
- Tidwell, J. H., & Tidwell, A. S. (2018). Energy ideals, visions, narratives, and rhetoric: Examining sociotechnical imaginaries theory and methodology in energy research. *Energy Research & Social Science*, 39, 103-107.
- Tulungen, F. R., Maarisit, W., & Rompas, P. T. D. (2021). Competitive intelligence application: The case of geothermal power plant development in rural Tompasso, North Sulawesi, Indonesia. *Journal of Intelligence Studies in Business*, 11(2).
- Unsworth, S., Ahlborg, H., & Hellberg, S. (2025). "We don't have time": How imaginaries of urgent energy system change marginalise locally driven pathways. *Energy Research & Social Science*, 120, 103888.
- Vaismoradi, M., Turunen, H., & Bondas, T. (2013). Content analysis and thematic analysis: Implications for conducting a qualitative descriptive study. *Nursing & health sciences*, 15(3), 398-405.
- Von Malmborg, F. (2021). Exploring advocacy coalitions for energy efficiency: Policy change through internal shock and learning in the European Union. *Energy Research & Social Science*, 80, 102248.
- Wibisono, H., Lovett, J., Chairani, M. S., & Suryani, S. (2024). The ideational impacts of Indonesia's renewable energy project failures. *Energy for Sustainable Development*, 83, 101587.
- Williford, D. (2019). Dreamscapes of Modernity: Sociotechnical Imaginaries and the Fabrication of Power ed. by Sheila Jasanoff and Sang-Hyun Kim. *Technology and Culture*, 60(4), 1110-1112.

Media Online

- CNBC Indonesia. (2025, 8 Juli). Economic Update Energy Edition. Media CNBC Indonesia. Diakses pada 29 September 2025 pukul 12.58 WIB. (<https://www.youtube.com/watch?v=Mt31RfkEswY>)
- Sekretariat Badan Geologi, ESDM. (2024, 6 Agustus). Sosialisasi Informasi Geologi di Malang Raya: Strategi Pemanfaatan Panas Bumi, Geologi Lingkungan dan Mitigasi Bencana Geologi. Kementerian Energi dan Sumber Daya Mineral. Diakses pada 28 September pukul 10.40 WIB. (<https://geologi.esdm.go.id/media-center/sosialisasi-informasi-geologi-di-malang-raya-strategi-pemanfaatan-panas-bumi-geologi-lingkungan-dan-mitigasi-bencana-geologi>)
- Lidwina, A. (2020, 3 Agustus). Persebaran Wilayah & Kapasitas Eksplorasi Panas Bumi 2020-2024. databoks.katadata.id. Diakses pada 17 Januari pukul 00.19 WIB. (<https://databoks.katadata.co.id/energi/statistik/7f379cc53d6d716/persebaran-wilayah-kapasitas-eksplorasi-panas-bumi-2020-2024>)
- WALHI Jatim. (2021, 12 Agustus). Menjaga Arjuno Welirang, Menjaga Kehidupan, Tolak Geothermal. WALHI Jawa Timur. Diakses pada 21 Januari 2025 pukul 20.16 WIB. (<https://walhijatim.org/2024/08/12/menjaga-arjuno-welirang-menjaga-kehidupan-tolak-geothermal/>)
- Lanang, P. (2024, 24 Agustus). Aktivis Lingkungan Soroti Eksplorasi Geothermal Arjuno-Welirang, Minta Perhatikan Lingkungan dan Masyarakat Sekitar. Malang Times. Diakses pada 21 Januari 2025 pukul 22.20 WIB. (<https://www.malangtimes.com/baca/319245/20240824/071800/aktivis-lingkungan-soroti-eksplorasi-geothermal-arjuno-welirang-minta-perhatikan-lingkungan-dan-masyarakat-sekitar>)
- Kemenkeu, DJKN. (2022, 4 Juli). Forum Sanger Kemenkeu Satu: PT Geo Dipa Energi Berperan Kelola Panas Bumi menuju Net Zero Emission. Diakses pada 1 Oktober 2025 pukul 23.40 WIB. (<https://www.djkn.kemenkeu.go.id/berita/baca/28853/Forum-Sanger-Kemenkeu-Satu-PT-Geo-Dipa-Energi-Berperan-Kelola-Panas-Bumi-menusu-Net-Zero-Emission.html>)

Direktorat Jenderal EBTKE, KESDM. (2020, 17 November). Ciptakan Pasar Baru

Energi Terbarukan Melalui Program REBID dan REBED. Diakses pada 1 Oktober 2025 pukul 12.26 WIB. (<https://www.esdm.go.id/id/berita-unit/direktorat-jenderal-ebtke/ciptakan-pasar-baru-energi-terbarukan-melalui-program-rebid-dan-rebed>)

Direktorat Jenderal EBTKE, KESDM. (2024, 24 Oktober). Siaran Pers Bonus Produksi

Panas Bumi Tingkatkan Kesejahteraan Masyarakat Sekitar. Diakses pada 1 Oktober 2025 pukul 13.16 WIB. (<https://www.esdm.go.id/id/media-center/arsip-berita/bonus-produksi-panas-bumi-tingkatkan-kesejahteraan-masyarakat-sekitar>)

Direktorat Jenderal EBTKE, KESDM. (2025, 21 April). Percepat Pengembangan

Panas Bumi, Ditjen EBTKE Gelar Market Sounding Wilayah Kerja Panas Bumi. Diakses pada 1 Oktober 2025 pukul 13.26 WIB. (<https://ebtke.esdm.go.id/artikel/berita/percepat-pengembangan-panas-bumi-ditjen-ebtke-gelar-market-sounding-wilayah-kerja-panas-bumi>)

Gunung, J. W. (2025, Januari). Batu Sumuk. Batu Asat. Batu dadi Beton. Batu Macet.

Newsletter Bulanan. Diakses pada 15 September 2025 pukul 13.04 WIB (bit.ly/jurnalgunungvoll1)

Setyaningrum, P. (2025, 26 Januari). Lumpur Lapindo: Penyebab, Dampak, Ganti

Rugi, hingga Temuan “Harta Karun” Logam Tanah Jarang. [Kompas.com](https://www.kompas.com). Diakses pada 21 Oktober pukul 23.07 WIB. (<https://shorturl.at/M44Rz>)

Dokumen dan Perundang-Undangan

- Keputusan Menteri Energi dan Sumber Daya Mineral No. 2773 K/30/MEM/2014 Tentang Penetapan Wilayah Kerja Pertambangan Panas Bumi di Daerah Gunung Arjuno Welirang, Kabupaten Mojokerto, Kabupaten Pasuruan, Kabupaten Malang Dan Kota Batu Provinsi Jawa Timur
- Keputusan Menteri ESDM No. 1748 Tahun 2017 tentang Penugasan Pengusahaan Panas Bumi kepada PT. Geo Dipa Energi (Persero) di Wilayah Kerja Panas Bumi di Daerah Gunung Arjuno Welirang.
- Peraturan Menteri Lingkungan Hidup dan Kehutanan Republik Indonesia Nomor P.4/MENLHK/SETJEN/KUM.1/1/2019 tentang Pemanfaatan Jasa

Lingkungan Panas Bumi pada Kawasan Taman Nasional, Taman Hutan Raya,
dan Taman Wisata Alam

- Rencana Pembangunan Jangka Panjang Nasional (RPJPN) 2025-2045
- Rencana Pembangunan Jangka Menengah Nasional (RPJM Nasional) Tahun 2025-2029
- Rencana Strategis Kementerian ESDM Tahun 2025-2029
- Peraturan Daerah Kota Batu Nomor 7 Tahun 2011 tentang Rencana Tata Ruang Wilayah Kota Batu Tahun 2010-2030
- Rencana Peraturan Daerah Kota Batu tentang Rencana Tata Ruang Wilayah Kota Batu Tahun 2022-2042