DAFTAR PUSTAKA

Abdullah, R. M. N., Kuperan, K., & Pomeroy, S. (1998). Transaction cost and Fishiries Co management. *Marine Resource Economics*, *13*, 103–114.

Abson, D. J., Fischer, J., Leventon, J., Newig, J., Schomerus, T., Vilsmaier, U., von Wehrden, H., Abernethy, P., Ives, C. D., Jager, N. W., & Lang, D. J. (2017). Leverage points for sustainability transformation. *Ambio*, *46*(1), 30–39. https://doi.org/10.1007/s13280-016-0800-y

Adger, W. N. (2006). Vulnerability. *Global Environmental Change*, *16*(3), 268–281. https://doi.org/10.1016/j.gloenvcha.2006.02.006

Adhikari, B., & Lovett, J. C. (2006). Transaction costs and community-based natural resource management in Nepal. *Journal of Environmental Management*, *78*(1), 5–15. https://doi.org/10.1016/j.jenvman.2005.04.005

Aditya, R., Wirasatriya, A., Kunarso, K., Maslukah, L., Subardjo, P., Suryosaputro, A. A. D., & Handoyo, G. (2018). Identifikasi Fishing Ground Ikan Teri (Stolephorus sp) Menggunakan Citra Modis di Perairan Karimunjawa, Jepara. *Buletin Oseanografi Marina*, *7*(2), 103. https://doi.org/10.14710/buloma.v7i2.20549

Agyapong, R. A. (2021). *Building Local Resilience To Climate Change Vulnerability In Small-Scale Fishery Communities Of Lake Volta, Ghana.* [University of Waterloo]. https://uwspace.uwaterloo.ca/handle/10012/17317

Ahsan, M. N., & Warner, J. (2014). The socioeconomic vulnerability index: A pragmatic approach for assessing climate change led risks-A case study in the south-western coastal Bangladesh. *International Journal of Disaster Risk Reduction*, *8*, 32–49. https://doi.org/10.1016/j.ijdrr.2013.12.009

Akaba, S., & Akuamoah-Boateng, S. (2018). An Evaluation of Climate Change Effects on Fishermen and Adaption Strategies in Central Region, Ghana. In W. L. Filho (Ed.), *Climate Change Impacts and Adaptation Strategies for Coastal Communities Climate Change Management* (pp. 133–147). Springer International Publishing AG. https://doi.org/10.1007/978-3-319-70703-7_7

Allen, K. (2003). *Vulnerability reduction and the community-based approach: A Philippines study. In Natural Disasters and Development in a Globalizing World* (M. Pelling (ed.)). Routledge.

Allison, E. H., Kurien, J., & Ota, Y. (2020). The Human Relationship with Our Ocean Planet Blue Paper. In *World Resources Institute* (Issue September). World Resources Institute. https://oceanpanel.org/blue-papers/Human RelationshipwithOurOcean Planet

Allison, E. H., Ratner, B. D., Åsgård, B., Willmann, R., Pomeroy, R., & Kurien, J. (2012). Rights-based fisheries governance: From fishing rights to human rights. *Fish and Fisheries*, *13*(1), 14–29. https://doi.org/10.1111/j.1467-2979.2011.00405.x

Alves, M. W. F. M., & Mariano, E. B. (2018). Climate justice and human development: A systematic literature review. *Journal of Cleaner Production*, *202*, 360–375. https://doi.org/10.1016/j.jclepro.2018.08.091

Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., Cochran, J. J., Fry, M. J., & Ohlmann, J. W. (2020). *Essentials of Statistics for Business and Economics*. Cengage.

Anggraini, Y. (2018). Peran Perempuan Masyarakat Pesisir dalam Meningkatkan Pendapatan Keluarga Nelayan di Desa Bayah Kecamatan Bayah Kabupaten Lebak. *Jurnal Kebijakan Pembangunan*, *13*(1), 97–106.

Ankrah, J. (2018). Climate change impacts and coastal livelihoods; an analysis of fishers of coastal Winneba, Ghana. *Ocean and Coastal Management*, *161*(October 2017), 141–146. https://doi.org/10.1016/j.ocecoaman2018.04.029

Ansell, C., & Gash, A. (2008). Collaborative governance in theory and practice. *Journal of Public Administration Research and Theory*, *18*(4), 543–571. https://doi.org/10.1093/jopart/mum032

Apine, E., Turner, L. M., Rodwell, L. D., & Bhatta, R. (2019). The application of the sustainable livelihood approach to small scale-fisheries: The case of mud crab Scylla serrata in South west India. *Ocean and Coastal Management*, *170*(September 2018), 17–28. https://doi.org/10.1016/j.ocecoaman.2018.12.024

Arie, S., Ayu, W., Dinesta, A., Tresta, C., Abdu, A., Rachmat, B., Agus, S., & Joni, H. (2018). Assessing factors that affect selection of adaptation strategies for small-scale fishing communities. *Disaster Advances*, *11*(8), 11–21.

Armitage, D., Béné, C., Charles, A. T., Johnson, D., & Allison, E. H. (2012). The interplay of well-being and resilience in applying a social- ecological perspective. *Ecology and Society*, *17*(4). https://doi.org/10.5751/ES-04940-170415

Babbie, E. R. (2021). *The Practice of Social Research.* (15th ed.). Cengage Learning, Inc. https://doi.org/10.2307/2062956

Balázsi, Á., Riechers, M., Hartel, T., Leventon, J., & Fischer, J. (2019). The impacts of social-ecological system change on human-nature connectedness: A case study from Transylvania, Romania. *Land Use Policy*, *89*(4), 104232. https://doi.org/ 10.1016/j.landusepol.2019.104232

Bavinck, M., Chuenagdee, R., Diallo, M., Heijden, P. Vd, Kooiman, J., Mahon, R., & Williams, S. (2005). *Interactive fisheries governance: a guide to better practice* (Issue January). Center for Matirime Research (MARE). www.cta.int% 5Cnwww.marecentre.nl

Bavinck, M., Jentoft, S., & Scholtens, J. (2018). Fisheries as social struggle: A reinvigorated social science research agenda. *Marine Policy*, *94*(May), 46–52. https://doi.org/doi:10.1016/j.marpol.2018.04.026

Bebbington, A. (1999). Capital and Capabilities: A Framework for Analyzing Peasant Viability, Rural Livelihoods and Poverty. *World Development*, *27*(12), 2021–2044.

Belhabib, D., Lam, V. W. Y., & Cheung, W. W. L. (2016). Overview of West African fisheries under climate change: Impacts, vulnerabilities and adaptive responses of the artisanal and industrial sectors. *Marine Policy*, *71*, 15–28. https://doi.org/10.1016/j.marpol.2016.05.009

Béné, C. (2009). Are fishers poor or vulnerable? assessing economic vulnerability in small-scale fishing communities. *Journal of Development Studies*, *45*(6), 911–933. https://doi.org/10.1080/00220380902807395

Bennett, N. (2013). The capacity to adapt, conserve and thrive?: Marine protected area communities and social-ecological change in coastal Thailand [University of Victoria]. In *ProQuest Dissertations and Theses*.

Bennett, N. J., Blythe, J., Tyler, S., & Ban, N. C. (2016). Communities and change in the anthropocene : understanding social-ecological vulnerability and planning adaptations to multiple interacting exposures. *Regional Envvironmental Change*, *16*(4), 907–926. https://doi.org/10.1007/s10113-015-0839-5

Bennett, N. J., & Dearden, P. (2013). A picture of change: Using photovoice to explore social and environmental change in coastal communities on the Andaman Coast of Thailand. *Local Environment*, *18*(9), 983–1001. https://doi.org/10.1080/ 13549839.2012.748733

Berbés-Blázquez, M. (2011). A participatory assessment of ecosystem services and human wellbeing in rural costa rica using photo-voice. *Environmental Management*, *49*(4), 862–875. https://doi.org/10.1007/s00267-012-9822-9

Berkes, F. (2009). Evolution of co-management: Role of knowledge generation, bridging organizations and social learning. *Journal of Environmental Management*, *90*(5), 1692-1702.

Berkes, F. (2012). Implementing ecosystem-based management: evolution or revolution? *Fish and Fisheries*, *14*(465–476). https://doi.org/10.1111/j.1467-2979.2011.00452.x%0ABerkes

Berkes, F. (2015). *Coasts for people: interdisciplinary approaches to coastal and marine resource management* (1st ed.). Routledge.

Berkes, F., & Nayak, P. K. (2018). Role of communities in fisheries management: "one would first need to imagine it." *Maritime Studies*, *17*(3), 241–251. https://doi.org/10.1007/s40152-018-0120-x

Blore, M. L., Cundill, G., & Mkhulisi, M. (2013). Towards measuring the transaction costs of co-management in Mkambati Nature Reserve, Eastern Cape, South Africa. *Journal of Environmental Management*, *129*, 444–455. https://doi.org/10.1016/ j.jenvman.2013.08.002

BPS. (2015). *Analisis Kesejahteraan Rumah Tangga Usaha Perikanan* (S. Sutomo

& H. Marhaeni (eds.)). Badan Pusat Statistik.

BPS. (2020). Statistik Sumber Daya Laut Dan Pesisir. Perubahan Iklim di Wilayah Pesisir. In Subdirektorat Statistik Lingkungan Hidup (Ed.), *Badan Pusat Statistik*. Badan Pusat Statistik Republik Indonesia.

BPS. (2021). *Statistik Indonesia*. Bandan Pusat Statistik Repulik Indonesia.

BPS Batang. (2022). Kabupaten Batang Dalam Angka. In *Batang Regency in Figures*. Badan Pusat Statistik (BPS) Kabupaten Batang. https://batangkab.bps.go.id /publication

Briassoulis, H. (2015). The Socio-ecological Fit of Human Responses to Environmental Degradation: An Integrated Assessment Methodology. *Environmental Management*, *56*(6), 1448–1466. https://doi.org/10.1007/ s00267-015-0584-z

Bruce, A., Brown, C., Avello, P., Beane, G., Bristow, J., Ellis, L., Fisher, S., St. George Freeman, S., Jiménez, A., Leten, J., Matthews, N., Romano, O., Ruiz-Apilanez, I., Saikia, P., Shouler, M., & Simkins, P. (2020). Human dimensions of urban water resilience: Perspectives from Cape Town, Kingston upon Hull, Mexico City and Miami. *Water Security*, *9*(April 2019), 100060. https://doi.org/10.1016/ j.wasec.2020.100060

Büchs, M. (2021a). Sustainable welfare: How do universal basic income and universal basic services compare? *Ecological Economics*, *189*(November 2020), 107152. https://doi.org/10.1016/j.ecolecon.2021.107152

Büchs, M. (2021b). Sustainable welfare: Independence between growth and welfare has to go both ways. *Global Social Policy*, *21*(2), 323–327. https://doi.org/10.1177/14680181211019153

Büchs, M., & Koch, M. (2017). *Postgrowth and Wellbeing: Challenges to Sustainable Welfare. Cham: Springer*. Springer. https://doi.org/https://doi.org/10.1007/978-3-319-59903-8

Bundy, A., Chuenpagdee, R., Cooley, S. R., Defeo, O., Glaeser, B., Guillotreau, P., Isaacs, M., Mitsutaku, M., & Perry, R. I. (2016). A decision support tool for response to global change in marine systems: the IMBER-ADApT Framework. *Fish and Fisheries*, *17*(4), 1183–1193. https://doi.org/10.1111/faf.12110

Cahyadinata, I., Fahrudin, A., Sulistiono, & Kurnia, R. (2019). Household welfare of mud crab fishermen in small outermost islands. Case study: Enggano island, Bengkulu province, Indonesia. *AACL Bioflux*, *12*(4), 1196–1207.

Cahyani, F. A., Winarno, D. W., & Sudarwanto, A. S. (2018). Upaya pengelolaan wilayah pesisir dalam mewujudkan perlindungan dan konservasi di Taman Pesisir Ujungnegoro-Roban Kabupaten Batang. *Jurnal Hukum Dan Pembangunan Ekonomi*, *6*(2), 1689–1699.

California Environmental Associates. (2018). Tren Sumber Daya Kelautan dan Pengelolaan Perikanan di Indonesia: Ulasan Tahun 2018. In *California*

Environmental Associates.

Chambers, R., & Conway, G. (1992). *Sustainable Rural Livelihoods: Practical Concepts for the 21st Century* (No. 296).

Chan, C., Armitage, D., Alexander, S. M., & Campbell, D. (2019). Examining linkages between ecosystem services and social wellbeing to improve governance for coastal conservation in Jamaica. *Ecosystem Services*, *39*(August), 100997. https://doi.org/10.1016/j.ecoser.2019.100997

Chapin, F. S., Lovecraft, A. L., Zavaleta, E. S., Nelson, J., Robards, M. D., Kofinas, G. P., Trainor, S. F., Peterson, G. D., Huntington, H. P., & Naylor, R. L. (2006). Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate. *Proceedings of the National Academy of Sciences of the United States of America*, *103*(45), 16637–16643. https://doi.org/10.1073/pnas.0606955103

Chapin, F. S., Robards, M. D., Huntington, H. P., Johnstone, J. F., Trainor, S. F., Kofinas, G. P., Ruess, R. W., Fresco, N., Natcher, D. C., & Naylor, R. L. (2006). Directional changes in ecological communities and social-ecological systems: A framework for prediction based on Alaskan examples. *American Naturalist*, *168*(SUPPL.), S36–S49. https://doi.org/10.1086/509047

Charles, A. (2012). People, oceans and scale: Governance, livelihoods and climate change adaptation in marine social-ecological systems. *Current Opinion in Environmental Sustainability*, *4*(3), 351–357. https://doi.org/10.1016/ j.cosust.2012.05.011

Chen, C., & Lopez-Carr, D. (2015). The importance of place: Unraveling the vulnerability of fisherman livelihoods to the impact of marine protected areas. *Applied Geography*, *59*, 88–97. https://doi.org/10.1016/ j.apgeog. 2014.10.015

Chen, Q., Su, H., Yu, X., & Hu, Q. (2020). Livelihood vulnerability of marine fishermen to multi-stresses under the vessel buyback and fishermen transfer programs in China: The case of Zhoushan City, Zhejiang Province. *International Journal of Environmental Research and Public Health*, *17*(3), 1–17. https://doi.org/10.3390/ijerph17030765

Chen, R. (2020). Transient inconsistency between population density and fisheries yields without bycatch species extinction. *Ecology and Evolution*, *10*(21), 12372–12384. https://doi.org/10.1002/ece3.6868

Chuenpagdee, R. (2011). *World small-scale fisheries: contemporary visions*. Eburon, Delft.

Chuenpagdee, R., & Jentoft, S. (2015). Exploring challenges in small-scale fisheries governance. In S. Jentoft & R. Chuenpagdee (Eds.), *Interactive governance for small-scale fisheries* (pp. 3–16). Springer.

Chuenpagdee, R., & Jentoft, S. (2019). Transcending Fisheries Knowledge: From Theory to Integration. In R. Chuenpagdee & S. Jentoft (Eds.),

Trandisciplinarity for Small-Scale Fisheries (pp. 433–451). Springer International Publishing AG, part of Springer Nature. https://doi.org/ 10.1007/978-3-319-94938-3_23

Ciesielska, M., Boström, K. W., & Öhlander, M. (2018). Observation Methods. In M. Ciesielska & D. Jemielniak (Eds.), *Qualitative Methodologies in Organization Studies* (pp. 33–52). Palgrave Macmillan. https://doi.org/ 10.1007/978-3-319-65442-3_2

Cinner, J. E., & Barnes, M. L. (2019). Social Dimensions of Resilience in Social-Ecological Systems. *One Earth*, *1*(1), 51–56. https://doi.org/10.1016/ j.oneear.2019.08.003

Cinner, J. E., McClanahan, T. R., Graham, N. A. J., Daw, T. M., Maina, J., Stead, S. M., Wamukota, A., Brown, K., & Bodin, O. (2012). Vulnerability of coastal communities to key impacts of climate change on coral reef fisheries. *Global Environmental Change*, *22*(1), 12–20. https://doi.org/10.1016/ j.gloenvcha. 2011.09.018

Cohen, P. J., Lawless, S., Dyer, M., Morgan, M., Saeni, E., Teioli, H., & Kantor, P. (2016). Understanding adaptive capacity and capacity to innovate in social–ecological systems: Applying a gender lens. *Ambio*, *45*(s3), 309–321. https://doi.org/10.1007/s13280-016-0831-4

Colding, J., & Barthel, S. (2019). Exploring the social-ecological systems discourse 20 years later. *Ecology and Society*, *24*(1). https://doi.org/10.5751/ES-10598-240102

Convertino, M., & Valverde, L. J. (2019). Toward a pluralistic conception of resilience. *Ecological Indicators*, *107*, 105510. https://doi.org/10.1016/ j.ecolind.2019.105510

Coulthard, S., Johnson, D., & McGregor, J. A. (2011). Poverty, sustainability and human wellbeing: A social wellbeing approach to the global fisheries crisis. *Global Environmental Change*, *21*(2), 453–463. https://doi.org/10.1016/ j.gloenvcha.2011.01.003

Crépin, A. S. (2007). Using fast and slow processes to manage resources with thresholds. *Environmental and Resource Economics*, *36*(2), 191–213. https://doi.org/10.1007/ s10640-006-9029-8

Creswell, J. W. (2014). *Research Design : Qualitative, Quantitative, and Mixed Methods Approaches* (4th ed.). SAGE Publicaiton, Inc.

Creswell, J. W., & Hirose, M. (2019). Mixed methods and survey research in family medicine and community health. *Family Medicine and Community Health*, *7*(2), 1–6. https://doi.org/10.1136/fmch-2018-000086

Crona, B. I., Basurto, X., Squires, D., Gelcich, S., Daw, T. M., Khan, A., Havice, E., Chomo, V., Troell, M., Buchary, E. A., & Allison, E. H. (2016). Towards a typology of interactions between small-scale fisheries and global seafood trade. *Marine Policy*, *65*, 1–10. https://doi.org/10.1016/j.marpol.2015.11.016

Cury, P. M., Mullon, C., Garcia, S. M., & Shannon, L. J. (2005). Viability theory for an ecosystem approach to fisheries. *ICES Journal of Marine Science*, *62*(3), 577–584. https://doi.org/10.1016/j.icesjms.2004.10.007

Cyr, J. (2019). *Focus Groups for the Social Science Researcher* (C. Elman, D. Kapiszewski, & J. Mahoney (eds.)). Cambridge University press. https://doi.org/10.1017/9781316987124

DFID. (1999). Sustainable Livelihoods Guidance Sheets, section 2.1. Department for International Development (DFID). In *Departement for International Development*. http://www.livelihoodscentre.org/documents/20720/100145/Sustainable+livelihoods+guidance+sheets/8f35b59f-8207-43fc-8b99-df75d3000e86

Dias, A. C. E. (2020). Linking ecosystem services and wellbeing to improve coastal conservation initiatives under conditions of rapid social-ecological change [Waterloo, Ontario, Canada]. In *UWSpace*. https://uwspace.uwaterloo.ca/handle/ 10012/16381

Diener, E. (2009). Subjective Well-Being BT - The Science of Well-Being: The Collected Works of Ed Diener. In E. Diener (Ed.), *Social Research Series 37* (pp. 11–58). Springer Netherlands. https://doi.org/10.1007/978-90-481-2350-6_2

Diener, E., Sapyta, J. J., & Suh, E. (1998). Psychological Inquiry : An international journal for the advancement of psychological theory subjective well-being is essential to well-being subjective well-being is essential to well-being. *An International Journal for Advancement of Psychology Theory*, *9*(1), 33–37. https://doi.org/10.1207/s15327965pli0901

Diener, E., & Seligman, M. E. P. (2004). Beyond Money. *Psychological Science in the Public Interest*, *5*(1), 1–31. https://doi.org/10.1111/j.0963-7214. 2004. 00501001.x

Dinas Kelautan dan Perikanan kabupaten Batang. (2012). *Rencana Pengelolaan Kawasan Pesisir Ujungnegoro-Roban dan Sekitarnya*.

Doyen, L., Armstrong, C., Baumgärtner, S., Béné, C., Blanchard, F., Cissé, A. A., Cooper, R., Duta, L., Freitas, D., Gourguet, S., Gusmao, F., Jarre, A., Little, L. R., Macher, C., Mouysset, L., Quaas, M. F., Regnier, E., Sanz, N., & Thébaud, O. (2017). From no whinge policy to viability tree. *Cahiers Du GREThA*, *33*(12), 1–15.

Doyen, L., Béné, C., Bertignac, M., Blanchard, F., Cissé, A. A., Dichmont, C., Gourguet, S., Guyader, O., Hardy, P. Y., Jennings, S., Little, L. R., Macher, C., Mills, D. J., Noussair, A., Pascoe, S., Pereau, J. C., Sanz, N., Schwarz, A. M., Smith, T., & Thébaud, O. (2017). Ecoviability for ecosystem-based fisheries management. *Fish and Fisheries*, *18*(6), 1056–1072. https://doi.org/10.1111/faf.12224

Dwiyanto, A. (2015). *Manajemen Pelayanan Publik: Peduli, Inklusif dan Kolaboratif*. Universitas Gadjah Mada Press.

Dzantor, S. A., Aheto, D. W., & Adeton, C. O. (2020). Assessment of Vulnerability and Coping Livelihood Strategies of Fishermen in Elmina, Ghana. *East African Journal of Interdisciplinary Studies*, *2*(1), 71–88. https://doi.org/10.37284/eajis.2.1.200

Edmonds, W. A., & Kennedy, T. D. (2017). *Quantitative, Qualitative, and Mixed Methods* (Scond). SAGE Publicaiton, Inc.

Ellis, F. (2000). Rural Livelihood Diversity in Developing Countries. *Natural Resource Perspectives*, *40*, 1–10.

Epstein, G., Pittman, J., Alexander, S. M., Berdej, S., Dyck, T., Kreitmair, U., Raithwell, K. J., Villamayor-Tomas, S., Vogt, J., & Armitage, D. (2015). Institutional fit and the sustainability of social-ecological systems. *Current Opinion in Environmental Sustainability*, *14*, 34–40. https://doi.org/ 10.1016/j.cosust.2015.03.005

Ewing, R., & Park, K. (2020). *Basic Quantitative Research Methods For Urban Planners*. Routledge.

fao.org. (n.d.). *Marine Fisheries*. Retrieved July 12, 2021, from http://www.fao.org/ 3/i0573e/I0573E04.htm

FAO. (2014). *The State of World Fisheries and Aquaculture*. Food and Agricultural Organisation of the United Nations.

FAO. (2015). *Voluntary guidelines for securing sustainable small-scale fisheries in the context of food security and poverty eradication*. Food and Agricultural Organisation of the United Nations.

FAO. (2016). *The state of world fisheries and aquaculture 2016. Contributing to food security and nutrition for all*.

FAO. (2019). *Pedoman Sukarela Untuk Melindungi Perikanan Skala Kecil* (Terjemahan). FAO dan Dewan Pengrusu Pusat Kesatuan Nelayan Tradisional Indonesia (KNTI). http://www.fao.org/3/ca6479id/CA647 9ID.pdf

FAO. (2020). *The State of World Fisheries and Aquaculture: Sustainability in action.* Food and Agriculture Organization of the United Nations. https://doi.org/https://doi.org/10.4060/ca9229en

Farrington, J. (2001). Sustainable Livelihoods, Rights and the New Architecture of Aid. In *Overseas Development Institute*. https://gsdrc.org/document-library/sustainable-livelihoods-rights-and-the-new-architecture-of-aid/

Fassina, C. M., Telles, D. H. Q., & Mazzuco, A. C. A. (2020). Governance challenges for the newest Brazilian marine protected areas: Preliminary considerations for stakeholder participation. *Ocean and Coastal Management*, *185*(November). https://doi.org/10.1016/j.ocecoaman.2019. 105067

Fauzi, A. (2019). *Teknik Analisis Keberlanjutan.* PT. Gramedia Pusaka Utama.

Ferrara, A., Kelly, C., Wilson, G. A., Nolè, A., Mancino, G., Bajocco, S., & Salvati, L. (2016). Shaping the role of “fast” and “slow” drivers of change in forest-

shrubland socio-ecological systems. *Journal of Environmental Management*, *169*, 155–166. https://doi.org/10.1016/j.jenvman.2015.12.027

Fidel, M., Kliskey, A., Alessa, L., & Sutton, O. (Olia) P. (2014). Walrus harvest locations reflect adaptation: a contribution from a community-based observation network in the Bering Sea. *Polar Geography*, *37*(1), 48–68. https://doi.org/10.1080/ 1088937X.2013.879613

Firdaus, M., & Triyanti, R. (2017). Karakteristik Usaha Penangkapan Nelayan Pantai Utara Jawa Dengan Armada < 5 GT di Kabupaten Indramayu. *Economic and Social of Fisheries and Marine Journal*, *4*(2), 113–125.

Folke, C. (2006). Resilience: the emergence of a perspective for social– ecological systems analyses. *Glob Environ Chang*, *16*(3), 253–267. https://doi.org/ 10.1016/j.gloenvcha.2006.04.002No Title

Freduah, G., Fidelman, P., & Smith, T. F. (2017). The impacts of environmental and socio-economic stressors on small scale fisheries and livelihoods of fishers in Ghana. *Applied Geography*, *89*(September), 1–11. https://doi.org/10.1016/j.apgeog. 2017.09.009

Fuller, E. C., Samhouri, J. F., Stoll, J. S., Levin, S. A., & Watson, J. R. (2017). Characterizing fisheries connectivity in marine social-ecological systems. *ICES Journal of Marine Science*, *74*(8), 2087–2096. https://doi.org/ 10.1093/icesjms/fsx128

Füssel, H. M., & Klein, R. J. T. (2006). Climate change vulnerability assessments: An evolution of conceptual thinking. *Climatic Change*, *75*(3), 301–329. https://doi.org/10.1007/s10584-006-0329-3

Ghauri, P., Grønhaug, K., & Strange, R. (2020). *Research Methods in Business Studies*. Cambridge University press. https://doi.org/10.1017/9781108762427

Gillam, C., & Charles, A. (2018). Fishers in a Brazilian Shantytown: Relational wellbeing supports recovery from environmental disaster. *Marine Policy*, *89*, 77–84. https://doi.org/10.1016/j.marpol.2017.12.008

Gough, I. (2015). Climate change and sustainable welfare: The centrality of human needs. *Cambridge Journal of Economics*, *39*(5), 1191–1214. https://doi.org/10.1093/ cje/bev039

Guyader, O., Berthou, P., Koutsikopoulos, C., Alban, F., Demanèche, S., Gaspar, M. B., Eschbaum, R., Fahy, E., Tully, O., Reynal, L., Curtil, O., Frangoudes, K., & Maynou, F. (2013). Small scale fisheries in Europe: A comparative analysis based on a selection of case studies. *Fisheries Research*, *140*, 1–13. https://doi.org/10.1016/j.fishres.2012.11.008

Hafsaridewi, R., Khairuddin, B., Ninef, J., Rahadiati, A., & Hasan, E. (2018). Pendekatan Sistem Sosial-Ekologi dalam Pengelolaan Wilayah Pesisir Secara Terpadu. *Buletin Ilmiah "MARINA," 4*(2), 61–74.

Hair, J. F. J., Page, M., & Brunsveld, N. (2020). *Essentials of Business Research Methods* (Fourth Edi). Routledge.

Halim, A., Wiryawan, B., Loneragan, N. R., Hordyk, A., Sondita, M. F. ., White, A. T., Koeshendrajana, S., Ruchimat, T., Pomeroy, R. S., & Cristiana, Y. (2020). Merumuskan Definisi Perikanan Skala-Kecil Untuk Mendukung Pengelolaan Perikanan Tangkap di Indonesia. *Journal of Fisheries and Marine Research*, *4*(2), 239–262.

Hamta, F. (2016). Perilaku Ekonomi Rumah Tangga Nelayan Skala Kecil di Pesisir Batam. *Jurnal Equilibria*, *3*(2), 1–9.

Hapsari, T. D., & Dian, A. (2018). Persepsi dan Aspirasi nelayan terhadap rencana pembangunan PLTU Di kawasan konservasi laut daetah (taman pesisir) Ujung Negara Kabupaten Batang. *Jurnal Saintek Perikan*, *10*(2), 98–108.

Harrell, M. C., & Bradley, M. A. (2009). Data Collection Methods Semi-Structured. In *Helping the Suicidal Person*. Rand Corporation. https://doi.org/10.4324/ 9781315665825-91

Harrington, R., Anton, C., Dawson, T. P., de Bello, F., Feld, C. K., Haslett, J. R., Kluvánkova-Oravská, T., Kontogianni, A., Lavorel, S., Luck, G. W., Rounsevell, M. D. A., Samways, M. J., Settele, J., Skourtos, M., Spangenberg, J. H., Vandewalle, M., Zobel, M., & Harrison, P. A. (2010). Ecosystem services and biodiversity conservation: Concepts and a glossary. *Biodiversity and Conservation*, *19*(10), 2773–2790. https://doi.org/10.1007/ s10531-010-9834-9

Herrmann, H., & Bucksch, H. (2014). Surface Defect. *Dictionary Geotechnical Engineering/Wörterbuch GeoTechnik*, *7*(1), 1354–1354. https://doi.org/10. 1007/978-3-642-41714-6_199174

Hetifah, S. S. (2009). *Inovasi, partisipasi, dan good governance: 20 prakarsa inovatif dan partisipatif di Indonesia* (2nd ed.). Yayasan Obor Indonesia.

Hirmawan, A. A., Saputra, W. S., & Churun, A. (2020). Jurnal Pasir Laut Jurnal Pasir Laut. *Jurnal Pasir Laut*, *4*(1), 16–21.

Hirvilammi, T. (2020). The virtuous circle of sustainable welfare as a transformative policy idea. *Sustainability (Switzerland)*, *12*(1), 1–15. https://doi.org/10.3390/ su12010391

Hirvilammi, T., & Koch, M. (2020). Sustainable welfare beyond growth. *Sustainability (Switzerland)*, *12*(5), 1–8. https://doi.org/10.3390/su12051824

Holland, D. S., Abbott, J. K., & Norman, K. E. (2020). Fishing to live or living to fish: Job satisfaction and identity of west coast fishermen. *Ambio*, *49*(2), 628–639. https://doi.org/10.1007/s13280-019-01206-w

Hoq, M. S., Raha, S. K., & Hossain, M. I. (2021). Livelihood Vulnerability to Flood Hazard: Understanding from the Flood-prone Haor Ecosystem of Bangladesh. *Environmental Management*, *67*(3), 532–552. https://doi.org/10.1007/s00267-021-01441-6

Hospital, J., & Beavers, C. (2012). *Economic and social characteristics of the main Hawaiian islands bottomfish fishery* (Issue April).

Hossain, M. S., Ramirez, J., Szabo, S., Eigenbrod, F., Johnson, F. A., Speranza, C. I., & Dearing, J. A. (2020). Participatory modelling for conceptualizing social-ecological system dynamics in the Bangladesh delta. *Regional Environmental Change*, *20*(1). https://doi.org/10.1007/s10113-020-01599-5

Hughes, S., Yau, A., Max, L., Petrovic, N., Davenport, F., Marshall, M., McClanahan, T. R., Allison, E. H., & Cinner, J. E. (2012). A framework to assess national level vulnerability from the perspective of food security: The case of coral reef fisheries. *Environmental Science & Policy*, *23*, 95–108. https://doi.org/10.1016/ j.envsci.2012.07.012

Huppert, F. A. (2017). Challenges in Defining and Measuring Well-Being and Their Implications for Policy. In W. et Al. (Ed.), *Future Directions in Well-Being: Education, Organizations and Policy* (pp. 1–250). Springer. https://doi.org/10.1007/978-3-319-56889-8

Imana, A. N. (2019). Implementasi Maqashid Syari'Ah Sebagai Model Kebijakan Kesejahteraan Masyarakat Pemerintah Kota Malang Periode 2011- 2016. *Al-Intaj : Jurnal Ekonomi Dan Perbankan Syariah*, *5*(2), 208. https://doi.org/ 10.29300/aij.v5i2.2091

Inara, C. (2020). Manfaat supan gizi ikan laut untuk mencegah penyakit dan menjaga kesehatan tubuh bagi masyarakat pesisir. *Jurnal Kalwedo Sains*, *1*(2), 92–95. https://ojs3.unpatti.ac.id/index.php/kalwedosains/article/view/2563/2185

IPCC. (2007). *Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.* (M. Parry, O. Canziani, J. Palutikof, P. Van der Linden, & C. Hanson (eds.)). Cambridge University Press. https://doi.org/10.1016/B978-008044910-4.00250-9

Isa, M., Fauzi, A., & Susilowati, I. (2019). Flood risk reduction in the northern coast of Central Java Province, Indonesia: An application of stakeholder's analysis. *Jamba: Journal of Disaster Risk Studies*, *11*(1), 1996–1421. https://doi.org/10.4102/ jamba.v11i1.660

Islam, M. M. (2013). *Vulnerability and Adaptation of Fishing Communities to the Impacts of Climate Variability and Change : Insights from Coastal Bangladesh Md Monirul Islam Submitted in accordance with the requirements for the degree of Doctor of Philosophy The University of. November 2013*. https://doi.org/10.13140/RG. 2.2.20652.90246

Ives, C. D., Abson, D. J., von Wehrden, H., Dorninger, C., Klaniecki, K., & Fischer, J. (2018). Reconnecting with nature for sustainability. *Sustainability Science*, *13*(5), 1389–1397. https://doi.org/10.1007/s11625-018-0542-9

Jakariya, M., Rahman, A., Sayem, S. M., Saad, S., Alam, M. S., Sarker, S. R., Ali, M. S., & Akter, D. (2020). Development of livelihood vulnerability index for the coastal fishermen communities of Bangladesh using spatial information technique. *Groundwater for Sustainable Development*, *11*(April 2021),

100475. https://doi.org/10.1016/j.gsd.2020.100475

Jentoft, S., Bavinck, M., Alonso-Población, E., Child, A., Diegues, A., Kalikoski, D., Kurien, J., McConney, P., Onyango, P., Siar, S., & Rivera, V. S. (2018). Working together in small-scale fisheries: harnessing collective action for poverty eradication. *Maritime Studies*, *17*(1), 1–12. https://doi.org/10.1007/s40152-018-0094-8

Jentoft, S., & Chuenpagdee, R. (2009). Fisheries and coastal governance as a wicked problem. *Marine Policy*, *33*(4), 553–560. https://doi.org/10.1016/j.marpol.2008.12.002

Jentoft, S., & Chuenpagdee, R. (2015). Assesing Governability of Small-Scale Fisheries. In S. Jentoft & R. Chuenpagdee (Eds.), *Interactive Governance for Small-Scale Fisheries* (Vol. 13, pp. 17–35). MARE Publication Series, vol 13. Springer. https://doi.org/10.1007/978-3-319-17034-3

Jentoft, S., & Chuenpagdee, R. (2018). From Poverty to Wellbeing in Small-Scale Fisheries: The Governability Challenge. In D. et al Johnson (Ed.), *Social Wellbeing and the Values of Small-scale Fishereis* (pp. 293–315). MARE Publication Series 17. https://doi.org/10.1007/978-3-319-60750-4_13

Johnson, D. S., Acott, T. G., Stacey, N., & Urquhart, J. (2019). Social wellbeing and the values of small-scale fisheries. In J. Urquhart (Ed.), *Journal of Fish Biology* (Vol. 95, Issue 4). MARE Publication Series 17. https://doi.org/10.1111/jfb.14132

Kais, S. M., & Islam, M. S. (2016). Community capitals as community resilience to climate change: Conceptual connections. *International Journal of Environmental Research and Public Health*, *13*(12). https://doi.org/10.3390/ijerph13121211

Kalikoski, D., & Franz, N. (2014). Strengthening organizations and collective action in fisheries – a way forward in implementing the international guidelines for securing sustainable small-scale fisheries. *FAO Fisheries and Aquaculture Proceedings No. 32*.

Kaluku, M. R. A., & Pakaya, N. (2020). Penerapan Metode AHP-Topsis untuk Mengukur Tingkat Kesejahteraan Masyarakat Pesisir. *ILKOM Jurnal Ilmiah*, *12*(3), 191–199. https://doi.org/10.33096/ilkom.v12i3.652.191-199

Kareiva, P., & Marvier, M. (2012). What is conservation science? *BioScience*, *62*(11), 962–969. https://doi.org/10.1525/bio.2012.62.11.5

Kasperski, S., & Holland, D. S. (2013). Income diversification and risk for fishermen. *Proceedings of the National Academy of Sciences of the United States of America*, *110*(6), 2076–2081. https://doi.org/10.1073/pnas.1212278110

Katz-Buonincontro, J., & Anderson, R. C. (2020). A Review of Articles Using Observation Methods to Study Creativity in Education (1980–2018). *Journal of Creative Behavior*, *54*(3), 508–524. https://doi.org/10.1002/jocb.385

Kaur, S. (2020). *Understanding Fast and Slow Variables as a Means to Effectively Manage Implications of Rapid Change in Karimunjawa National Park*. Waterloo, Ontario, Canada.

KBBI. (2018). *Kamus Besar Bahasa Indonesia*. Kementerian Pendidikan dan Kebudayaan. https://kbbi.web.id/sejahtera

Kementrian Kelautan dan Perikanan. (2019). *Kelautan dan Perikanan Dalam Angka Tahun 2018*. Kementrian Kelautan dan Perikanan Republik Indonesia.

Kementrian Kelautan dan Perikanan. (2021). *Statistik Perikanan*. https://statistik.kkp.go.id/home.php?m=total&i=2

Kepmen KKP RI. (2012). *Keputusan Menteri Kelautan dan Perikanan Repulik Indonesia Nomor KEP.29/MEN/2012 Tentang Penetapan Kawasan Konservasi Pesisir dan Pulau-Pulau Kecil Ujungnegoro Roban Kabupaten Batang di Provinsi Jawa Tengah*.

Kepmen KP Nomor 50. (2017). *Keputusan Menteri Kelautan dan Perikanan Republik Indonesia Nomor 50/KEPMEN-KP/2017 tentang Estimasi Potensi, Jumlah Tangkapan yang Diperbolehkan, dan Tingkat Pemanfaatan Sumber Daya Ikan di Wilayah Pengelolaan Perikanan Negara Republik Indonesia*. Kementrian Kelautan dan Perikanan Republik Indonesia.

Khalil, E. L. (2019). Wellbeing and Happiness. *Journal of Value Inquiry*, *53*(4), 627–652. https://doi.org/10.1007/s10790-018-9678-1

Khattabi, A., & Jobbins, G. (2011). Vulnerability and adaption of traditional fisheries to climate change. In R. Chuenpagdee (Ed.), *In World Small-Scale Fisheries: Contemporary Visions* (pp. 63–80). Eburon Academic Publishers.

Kinzig, A. P., Ryan, P., Etienne, M., Allison, H., Elmqvist, T., & Walker, B. H. (2006). Resilience and regime shifts: Assessing cascading effects. *Ecology and Society*, *11*(1). https://doi.org/10.5751/ES-01678-110120

Kittinger, J. N., Finkbeiner, E. M., Glazier, E. W., & Crowder, L. B. (2012). Human dimensions of coral reef social-ecological systems. *Ecology and Society*, *17*(4). https://doi.org/10.5751/ES-05115-170417

KKP. (2012). *Keputusan Direktur Jenderal Kelautan , Pesisir Dan Pulau-Pulau Kecil Tentang Pedoman Teknis Evaluasi Efektivitas Pengelolaan Kawasan Konservasi Perairan , Pesisir Dan Pulau-Pulau Kecil* (Issue 16). Direktorat Konservasi Kawasan dan Jenis Ikan, Kementrian Kelautan dan Perikanan.

KKP. (2015a). *Membangun Tata Kelola dan Kelembagaan Kawasan Konservasi Perairan: Pembelajaran dari Taman Nasional Perairan Laut Sawu*. Direktorat Jenderal Pengelolaan Ruang Laut, Kementrian Kelautan dan Perikanan. http://kkji.kp3k.kkp.go.id/index.php/dokumen/finish/81-5-6-sawu/764-dokumentasi-pembelajaran-laut-sawu

KKP. (2015b). *Profil Kawasan Konservasi Provinsi Jawa Tengah*. Direktorat Konservasi Kawasan dan Jenis Ikan. Direktur Jendral Kelautan, Pesisir dan Pulau-Pulau Kecil. http://kkji.kp3k.kkp.go.id/index.php/dokumen/finish/98-

buku-cetakan-2015/903-profil-kawasan-konservasi-provinsi-jawa-tengah

KKP. (2018). *Refleksi 2017 Dan Outlook 2018 Membangun Dan Menjaga Ekosistem Laut Indonesia Bersama Ditjen Pengelolaan Ruang Laut*. Direktorat Jendral Pengelolaan Ruang Laut. Kementrian Kelautan Dan Perikanan Republik Indonesia. https://kkp.go.id/djprl/artikel/2798-refleksi-2017-dan-outlook-2018-membangun-dan-menjaga-ekosistem-laut-indonesia-bersama-ditjen-pengelolaan-ruang-laut

Kooiman, J. (1993). *Modern governance : new government-society interactions*. SAGE Publications Ltd.

Kooiman, J. (2003). *Governing as governance*. SAGE Publications Ltd.

Kooiman, J., & Bavinck, M. (2005). The governance perspective. In J. Kooiman, M. Bavinck, S. Jentoft, & R. Pullin (Eds.), *FIsh for Life: Interacitve Governance for Fisheries* (MARE Publi, Issue January, pp. 11–24). Amsterdam University Press. https://doi.org/10.1515/9789048505326

Kooiman, J., Bavinck, M., Chuenpagdee, R., Mahon, R., & Pullin, R. (2008). Interactive Governance and Governability : an introduction. *Journal of Transdisciplinary Enviromental Studies*, *7*(1), 1–11.

Kooiman, J., Bavinck, M., & Jentoft, S. (2005). Fish for Life : Interactive Governance for Fisheries. In J. Kooiman, M. Bavinck, S. Jentoft, & R. Pullin (Eds.), *MARE Publication Series* (Series No., Issue September 2019). Amsterdam University Press. https://doi.org/10.5117/9789053566862

Kooiman, J., Vliet, M. van, & Jentoft, S. (1999). *Creative Governance Opportunities for Fisheries in Europe* (J. Kooiman, M. van Vliet, & S. Jentoft (eds.); 1st ed.). Routledge. https://www.routledge.com/Creative-Governance-Opportunities-for-Fisheries-in-Europe/Kooiman-Vliet-Jentoft/p/book/9781138613492

Kopnina, H. (2017). Working with human nature to achieve sustainability: Exploring constraints and opportunities. *Journal of Cleaner Production*, *148*, 751–759. https://doi.org/10.1016/j.jclepro.2017.02.058

Kubiszewski, I., Zakariyya, N., & Costanza, R. (2018). Objective and Subjective Indicators of Life Satisfaction in Australia: How Well Do People Perceive What Supports a Good Life? *Ecological Economics*, *154*(August 2017), 361–372. https://doi.org/10.1016/j.ecolecon.2018.08.017

Kumar, R., & Patnaik, P. (2012). Chilika: An Integrated Management Planning Framework for Conservation and Wise Use. In *Technical Report Submitted to the World Bank, New Delhi. Wetlands International-South Asia, New Delhi, India*. India and Chilika Development Authority.

Kuperan, K., Abdullah, N. M. R., Pomeroy, R. S., Genio, E. L., & Salamanca, A. M. (1999). Measuring transaction costs of fisheries co-management in San Salvador Island, Philippines. *SOCSCIENCE*, *22*(24), 45–48. https://doi.org/10.1080/ 08920750701681991

Kuperan, K., Abdullah, N. M. R., Pomeroy, R. S., Genio, E. L., & Salamanca, A. M. (2008). Measuring transaction costs of fisheries co-management. *Coastal Management*, *36*(3), 225–240. https://doi.org/10.1080/08920750701681991

Kusdiantoro, K., Fahrudin, A., Wisudo, S. H., & Juanda, B. (2019). Perikanan Tangkap Di Indonesia: Potret Dan Tantangan Keberlanjutannya. *Jurnal Sosial Ekonomi Kelautan Dan Perikanan*, *14*(2), 145. https://doi.org/10.15578/jsekp.v14i2.8056

Lapointe, M., Gurney, G. G., Coulthard, S., & Cumming, G. S. (2021). Ecosystem services, well-being benefits and urbanization associations in a Small Island Developing State. *People and Nature*, *3*, 391–404. https://doi.org/10.1002/pan3.10180

Lau, J. D., Hicks, C. C., Gurney, G. G., & Cinner, J. E. (2019). What matters to whom and why? Understanding the importance of coastal ecosystem services in developing coastal communities. *Ecosystem Services*, *35*(June 2018), 219–230. https://doi.org/10.1016/j.ecoser.2018.12.012

Leslie, H. M., Basurto, X., Nenadovic, M., Sievanen, L., Cavanaugh, K. C., Cota-Nieto, J. J., Erisman, B. E., Finkbeiner, E., Hinojosa-Arango, G., Moreno-Báez, M., Nagavarapu, S., Reddy, S. M. W., Sánchez-Rodríguez, A., Siegel, K., Ulibarria-Valenzuela, J. J., Weaver, A. H., & Aburto-Oropeza, O. (2015). Operationalizing the social-ecological systems framework to assess sustainability. *Proceedings of the National Academy of Sciences of the United States of America*, *112*(19), 5979–5984. https://doi.org/10.1073/ pnas.1414640112

Leslie, P., & McCabe, J. T. (2013). Response Diversity and Resilience in Social-Ecological Systems. Current Anthropology, 54(2), 114–143. *Current Anthropology*, *54*(2), 114–143.

Levin, P. S., Breslow, S. J., Harvey, C. J., Norman, K. C., Poe, M. R., Williams, G. D., & Plummer, M. L. (2016). Conceptualization of Social-Ecological Systems of the California Current: An Examination of Interdisciplinary Science Supporting Ecosystem-Based Management. *Coastal Management*, *44*(5), 397–408. https://doi.org/10.1080/08920753.2016.1208036

Lew, A. A. (2014). Scale, change and resilience in community tourism planning. *Tourism Geographies*, *16*(1), 14–22. https://doi.org/10.1080/ 14616688. 2013.864325

Lin, L., & Pussella, P. (2017). Assessment of vulnerability for coastal erosionwith GIS and AHP techniques case study: Southern coastline of Sri Lanka. *Natural ResourceModeling*, *30*(e12146), 1–12. https://doi.org/10.1111/nrm. 12146

Lorek, S., & Spangenberg, J. H. (2014). Sustainable consumption within a sustainable economy - Beyond green growth and green economies. *Journal of Cleaner Production*, *63*, 33–44. https://doi.org/10.1016/j.jclepro. 2013.08.045

Macedo, H. S., Medeiros, R. P., & McConney, P. (2019). Are multiple-use marine protected areas meeting fishers' proposals? Strengths and constraints in

fisheries' management in Brazil. *Marine Policy*, *99*(November), 351–358. https://doi.org/10.1016/j.marpol.2018.11.007

Macusi, E. D., Geronimo, R. C., & Santos, M. D. (2021). Vulnerability drivers for small pelagics and milkfish aquaculture value chain determined through online participatory approach. *Marine Policy*, *133*(April). https://doi.org/ 10.1016/j.marpol.2021.104710

Makino, M., & Matsuda, H. (2005). Co-management in Japanese coastal fisheries: Institutional features and transaction costs. *Marine Policy*, *29*(5), 441–450. https://doi.org/10.1016/j.marpol.2004.07.005

Maldonado, J. H., & Moreno-Sánchez, R. del P. (2014). Estimating the adaptive capacity of local communities at marine protected areas in Latin America: A practical Approach. *Ecology and Society*, *19*(1). https://doi.org/10.5751/ES-05962-190116

Mäler, K.-G. (2007). Wealth and sustainable development: the role of David Pearce. *Environmental and Resource Economics*, *37*(1), 63–75. https://doi.org/10.1007/ s10640-007-9111-x

Malik, J., Kusumastuti, W., & Akbar, K. (2020). *Keberlanjutan Pemanfaatan Potensi Sosial Ekonomi Nelayan di Kawasan Konservasi Ujungnegoro Kabupaten Batang* (Vol. 3, Issue 2017). http://repositorio.unan.edu.ni/ 2986/1/5624.pdf

Marshall, G. R. (2013). Transaction costs, collective action and adaptation in managing complex social-ecological systems. *Ecological Economics*, *88*, 185–194. https://doi.org/10.1016/j.ecolecon.2012.12.030

Marshall, N. A., Stokes, C. J., Webb, N. P., Marshall, P. A., & Lankester, A. J. (2014). Social vulnerability to climate change in primary producers: A typology approach. *Agriculture, Ecosystems and Environment*, *186*, 86–93. https://doi.org/10.1016 /j.agee.2014.01.004

Martins, I. M., Gammage, L. C., Jarre, A., & Gasalla, M. A. (2019). Different but Similar? Exploring Vulnerability to Climate Change in Brazilian and South African Small-Scale Fishing Communities. *Human Ecology*, *47*(4), 515–526. https://doi.org/10.1007/s10745-019-00098-4

Mcclanahan, T., Allison, E. H., & Cinner, J. E. (2013). Managing fisheries for human and food security. *Fish and Fisheries*, *16*(1), 1–26. https://doi.org/10.1111/faf.12045

McCrea, R., Walton, A., & Leonard, R. (2014). A conceptual framework for investigating community wellbeing and resilience. *Rural Society*, *23*(3), 270–282. https://doi.org/10.1080/10371656.2014.11082070

McCubbin, L. D., McCubbin, H. I., Zhang, W., Kehl, L., & Strom, I. (2013). Relational Well-being: An Indigenous Perspective and Measure. *Family Relations*, *62*(2), 354–365. https://doi.org/https://doi.org/10.1111/fare.12007

McGregor, J. A., Camfield, L., Masae, A., & Promphaking, B. (2008). Wellbeing,

development and social change in Thailand. *Thammasat Economic Journal*, *26*(2), 1–27. http://www.ids.ac.uk/files/dmfile/WellbeingDevelopmentandSocialChangeinThailand.pdf

McIntyre-Mills, J., & Romm, N. R. . (2019). Mixed Methods and Cross Disciplinary Research. Towards Cultivating Eco-system Living. In R. L. Flood (Ed.), *Mixed Methods and Cross Disciplinary Research: Towards Cultivating Eco-systemic Living*. Springer Nature Switzerland AG. http://link.springer.com/10.1007/978-3-030-04993-5

Mellado, T., Brochier, T., Timor, J., & Vitancurt, J. (2014). Use of local knowledge in marine protected area management. *Marine Policy*, *44*, 390–396. https://doi.org/10.1016/j.marpol.2013.10.004

Mendoza-Cavazos, Y. (2019). *Social Welfare and Sustainability BT - Encyclopedia of Sustainability in Higher Education* (W. Leal Filho (ed.); pp. 1–7). Springer International Publishing. https://doi.org/10.1007/978-3-319-63951-2_300-1

Millan, A. S. (2019). *Vulnerability and Viability of Small-Scale Fisheries in Sisal, Yucatan, Mexico* (Issue May). Memorial University of Newfoundland.

Miñarro, S., Selim, S., & Galbraith, E. D. (2022). Does catching more fish increase the subjective well-being of fishers? Insights from Bangladesh. *Ambio*, *51*(7), 1673–1686. https://doi.org/10.1007/s13280-021-01698-5

Moleong, L. J. (2018). *Metodologi Penelitian Kualitatif*. PT. Rosdakarya.

Moore, A. (2016). Anthropocene anthropology: Reconceptualizing contemporary global change. *Journal of the Royal Anthropological Institute*, *22*(1), 27–46. https://doi.org/10.1111/1467-9655.12332

Morzaria-Luna, H. N., Turk-Boyer, P., & Moreno-Baez, M. (2014). Social indicators of vulnerability for fishing communities in the Northern Gulf of California, Mexico: Implications for climate change. *Marine Policy*, *45*, 182–193. https://doi.org/10.1016/j.marpol.2013.10.013

Mulyasari, G., Irham, Waluyati, L. R., & Suryantini, A. (2020). Livelihood vulnerability to climate change of fishermen in the coastal area of Bengkulu Province, Indonesia. *AACL Bioflux*, *13*(3), 1242–1254.

Nagy, G. J., Leal Filho, W., Azeiteiro, U. M., Heimfarth, J., Verocai, J. E., & Li, C. (2018). An assessment of the relationships between extreme weather events, vulnerability, and the impacts on human wellbeing in Latin America. *International Journal of Environmental Research and Public Health*, *15*(9), 1–25. https://doi.org/10.3390/ijerph15091802

Nair, N. V. (2021). *Water Quality as a Measure to Understand Vulnerability and Viability Issues in Small-Scale Fisheries of Chilika Lagoon , India*. University of Waterloo.

Naranjo-Madrigal, H., & van Putten, I. (2019). The link between risk taking, fish catches, and social standing: Untangling a complex cultural landscape. *Marine*

Policy, *100*(January 2018), 173–182. https://doi.org/10.1016/ j.marpol.2018.11.029

Nayak, P. K. (2017). Fisher communities in transition: understanding change from a livelihood perspective in Chilika Lagoon, India. *Maritime Studies*, *16*(1). https://doi.org/10.1186/s40152-017-0067-3

Nayak, P. K., & Armitage, D. (2018). Social-ecological regime shifts (SERS) in coastal systems. *Ocean and Coastal Management*, *161*(November 2017), 84–95. https://doi.org/10.1016/j.ocecoaman.2018.04.020

Nayak, P. K., & Berkes, F. (2019). Interplay Between Local and Global: Change Processes and Small-Scale Fisheries. In R. Chuenpagdee & S. Jentoft (Eds.), *Transdisciplinarity for Small-Scale Fisheries Governance* (MARE Publi, Issue January, pp. 55–73). MARE and Springer. https://doi.org/10.1007/978-3-319-94938-3

Nelson, D. R., Adger, W. N., & Brown, K. (2007). Adaptation to environmental change: contributions of a resilience framework. *Annual Review of Environment and Resources*, *32*, 395–419. https://doi.org/10.1146/ annurev. energy.32.051807.090348

Nengsih, N. S. (2020). Indikator Pembangunan Berkelanjutan Di Daerah Pesisir Dalam Keanekaragaman Hayati Laut Untuk Mensejahterakan Masyarakat. *Jurnal Ilmu Sosial Dan Ilmu Politik*, *1*(2), 151–162.

Neumann, B., Ott, K., & Kenchington, R. (2017). Strong sustainability in coastal areas: a conceptual interpretation of SDG 14. *Sustainability Science*, *12*(6), 1019–1035. https://doi.org/10.1007/s11625-017-0472-y

Nissa, Z. N. A., Dharmawan, A. H., & Saharuddin, S. (2019). Vulnerability Analysis of Small Fishermen's Household Livelihoods in Tegal City. *Komunitas: International Journal of Indonesian Society and Culture*, *11*(2), 167–176. https://doi.org/10.15294/komunitas.v11i2.18583

Nyumba, T. O., Wilson, K., Derrick, C. J., & Mukherjee, N. (2018). The use of focus group discussion methodology: Insights from two decades of application in conservation. *Methods in Ecology and Evolution*, *9*(1), 20–32. https://doi.org/10.1111/2041-210X.12860

O'Malley, A. H. (2011). Critical social analysis and development. In *The critical Development Studies Handbook: Tools for Change*. PlutoPress and Halifax & Winnipeg: Fernwood Publishing London & New York.

OECD. (2016). *The Ocean Economy in 2030*. OECD Publishing. https://dx.doi.org/10. 1787/9789264251724-en

OECD. (2020). *Tourism Trends and Policies 2020*. OECD Publishing. https://www.oecd-ilibrary.org/urban-rural-and-regional-development/oecd-tourism-trends-and-policies-2020_6b47b985-en

OECD. (2021). Sustainable Ocean Economy Country Diagnostics of Indonesia. In *Organisation for Economic Co-operation and Development (OECD)* (Issue

April).https://www.oecd.org/development/environment-development/ sustainable-ocean-country- diagnostics-indonesia.pdf

Omitoyin, S. A., Ogungbure, A. P., & Osakuade, K. D. (2021). Assessment of Livelihood Vulnerability of Fisherfolks in Coastal and Freshwater Fishing Communities of Ilaje in Ondo State. *Asian Journal of Fisheries and Aquatic Research*, *11*(2), 1–14. https://doi.org/10.9734/ajfar/2021/v11i230197

Onwuegbuzie, A. J., & Johnson, R. B. (2021). The Routledge Reviewer's Guide to Mixed Methods Analysis. In *The Routledge Reviewer's Guide to Mixed Methods Analysis*. Routledge. https://doi.org/10.4324/9780203729434

Ostrom, E. (2009). A General Framework for Analyzing Sustainability of Social-Ecological Systems. *Science*, *325*(July), 419–422.

Özerol, G. (2013). Institutions of farmer participation and environmental sustainability: A multi-level analysis from irrigation management in Harran Plain, Turkey. *International Journal of the Commons*, *7*(1). https://doi.org/10.18352/ijc.368

PERDA. (2018). *Peraturan Daerah Provinsi Jawa Tengah Nomor 13 Tahun 2018 tentang Rencana Zonasi Wilayah Pesisir dan Pulau-Pulau Kecil Provinsi Jawa Tengah 2018-2038* (pp. 1–150).

Phelan, A. (Anya), Ross, H., Adhuri, D. S., & Richards, R. (2022). Equity in a sea of debt: how better understanding of small-scale fisheries can help reel in sustainable seafood. *ICES Journal of Marine Science*, *20*, fsac020. https://doi.org/10.1093/icesjms/fsac020

Pierce, J. M. (2020). Photovoice: documenting lives in aquaculture and fisheries through a gendered photo lens. *Gender, Technology and Development*, *24*(1), 131–154. https://doi.org/10.1080/09718524.2020.1732663

Pierre, J. (2000). *Debating governance, Authority, Steering and Democracy*. Oxford University Press.

Pollnac, R. B., & Poggie, J. J. (2008). Happiness, Well-being and Psychocultural Adaptation to the Stresses Associated with Marine Fishing. *Human Ecology Review*, *15*(2), 194–200. http://www.jstor.org/stable/24707603

Pomeroy, R. (2016). A research framework for traditional fisheries: Revisited. *Marine Policy*, *70*, 153–163. https://doi.org/10.1016/j.marpol.2016.05.012

Prabandari, D., & Rengga, A. (2018). Evaluasi Dampak Kebijakan Pembangunan PLTU terhadap Kehidupan Sosial Ekonomi Masyarakat Desa Karanggeneng Kecamatan Kandeman Kabupaten Batang. *Journal of Public Policy and Management Review*, *7*(4). https://doi.org/10.14710/jppmr.v7i4.22050

Pramanik, R. A., Purnomo, E. P., & Kasiwi, A. N. (2020). Dampak perizinan pembangunan pltu batang bagi kemajuan perekonomian masyarakat serta pada kerusakan lingkungan. *Kinerja*, *17*(2), 248–256. https://www.researchgate.net/publication/346677250_Dampak_perizinan_pembangunan_PLTU_batang_bagi_kemajuan_perekonomian_masyarakat_sert

a_pada_kerusakan_lingkungan

Puteri, S. M., Harliani, F., & Sitadevi, L. (2017). *Panduan Penyusunan Kajian Risiko Iklim - Climate Risk Assessment (CRA)* (A. D. Sari, N. Prayoga, & R. Sutarto (eds.)). Mercy Corps Indonesia.

Rahmad, R., Rimba, F., & Wirda, M. A. (2017). Study of Population Activities in Establishing the Economic Welfare of Belawan Coastal Communities, North Sumatra. *Journal of Environment and Earth Science*, *7*(10), 146–152. https://doi.org/10.31227/osf.io/qxfc7

Rana, I. A. (2020). Disaster and climate change resilience: A bibliometric analysis. *International Journal of Disaster Risk Reduction*, *50*, 101839. https://doi.org/https://doi.org/10.1016/j.ijdrr.2020.101839

Rasheed, A. R. (2020). Marine protected areas and human well-being – A systematic review and recommendations. *Ecosystem Services*, *41*(November 2019), 101048. https://doi.org/10.1016/j.ecoser.2019.101048

Ray, B., & Bhattacharya, R. N. (2011). Transaction costs, collective action and survival of heterogeneous co-management institutions: Case study of forest management organisations in West Bengal, India. *Journal of Development Studies*, *47*(2), 253–273. https://doi.org/10.1080/00220381003706692

Undang-Undang Nomor 7 Tahun 2016 Tentang Karakteristik Hak Penangkapan Ikan Perlindungan dan Pemberdayaan Nelayan, Pembudi Daya Ikan, Dan Petambak Garam, 1 (2016).

Retnowati, E. (2011). Nelayan Indonesia dalam Pusaran Kemiskinan Struktural (Perpektif Sosial, Ekonomi dan Hukum). *Perspektif. Kajian Masalah Hukum Dan Pembangunan*, *16*(3). https://doi.org/10.30742/perspektif.v16i3.79

RI. (2014a). *Undang-Undang Nomor 1 Tahun 2014 tentang Perubahan Atas UU No 27 Tahun 2007 tentang Pengelolaan Wilayah Pesisir dan Pulau-Pulau Kecil*. Republik Indonesia.

RI. (2014b). *Undang-Undang Republik Indonesia Nomor 23 Tahun 2014 Tentang Pemerintah Daerah* (pp. 1–16). Rebulik Indonesia.

RI. (2015). *Undang-Undang nomor 9 tahun 2015 Tentang Perubahan Kedua Atas Undang-undang nomor 23 Tahun 2014 tentang pemerintahan Daerah* (p. 6). Republik Indonesia.

Rishi, & Narinder Rana. (2015). Particle Size and Shape Analysis using Imagej with Customized Tools for Segmentation of Particles. *International Journal of Engineering Research & Technology (IJERT)*, *4*(11), 247–250. https://doi.org/10.17577/ijertv4is110211

Rudyanto, A., Utama, S., Martani, D., & Adhariani, D. (2022). Tax aggressiveness and sustainable welfare: the roles of corruption and tax allocation inefficiency. *Social Responsibility Journal*, *18*(3), 619–635. https://doi.org/10.1108/SRJ-10-2020-0427

Safitri, D. P., Edison, & Kurnianingsih, F. (2017). Analisis Sound Governance : Model Kemitraan Pemerintah Daerah dan Civil Society Dalam Pemberdayaan Masyarakat Pesisir. *Jurnal Ilmu Administrasi Negara (JUAN)*, *5*(2), 35–47.

Salas, S., Bjørkan, M., Bobadilla, F., & Cabrera, M. A. (2011). Addressing Vulnerability: Coping Strategies of Fishing Communities in Yucatan, Mexico. In S. Jentoft & A. Eide (Eds.), *Poverty Mosaics: Realities and Prospects in Small-Scale Fisheries* (pp. 195–220). Springer Science & Business Media. https://doi.org/10.1007/978-94-007-1582-0

Salas, S., Chuenpagdee, R., & Barragán-Paladines, M. J. (2019). Drivers and Prospects for the Sustainability and Viability of Small-Scale Fisheries in Latin America and the Caribbean. In M. J. Salas, Barragán-Paladines, & R. Chuenpagdee (Eds.), *Viability and Sustainability of Small-Scale Fisheries in Latin America and The Caribbean* (pp. 543–559). Springer International Publishing. https://doi.org/doi:10.1007/978-3-319-76078-0_23

Samah, A. A., Shaffril, H. A. M., Hamzah, A., & Samah, B. A. (2019). Factors Affecting Small-Scale Fishermen's Adaptation Toward the Impacts of Climate Change: Reflections From Malaysian Fishers. *SAGE Open*, *9*(3). https://doi.org/10.1177/2158244019864204

Sampantamit, T., Ho, L., Echelpoel, W. V, Lachat, C., & Goethals, P. (2020). Links and trade-offs between fisheries and environmental protection in relation to the sustainable development goals in Thailand. *Water (Switzerland)*, *12*(2). https://doi.org/10.3390/w12020399

Santosa, A., & Setyowati, A. B. (2020). Pengelolaan Kawasan Konservasi Secara Kolaboratif. *Lestari Paper*, *1*(01), 7–8.

Satia, B. P., Njifonjou, O., & Angaman, K. (2004). *Fisheries Co-Management and Poverty Alleviation in the Context of the Sustainable Livelihood Approach: A Case Study in the Fishing Communities of Aby Lagoon in Côte d'Ivoire BT - Poverty and Small-scale Fisheries in West Africa* (A. E. Neiland & C. Béné (eds.); pp. 151–170). Springer Netherlands. https://doi.org/10.1007/978-94-017-2736-5_9

Satria, A. (2015). *Pengantar sosiologi masyarakat pesisir*. Yayasan Pustaka Obor Indonesia.

Saunders, M., Lewis, P., & Thornhill, A. (2019). *Research Methods For Business Students* (8th ed.). Pearson Education Limited.

Scheller, F., Doser, I., Schulte, E., Johanning, S., McKenna, R., & Bruckner, T. (2021). Stakeholder dynamics in residential solar energy adoption: findings from focus group discussions in Germany. *Energy Research and Social Science*, *76*(October 2020). https://doi.org/10.1016/j.erss.2021.102065

Schirmer, J., & Berry, H. (2014). *People and place in Australia: the 2013 Regional Wellbeing Survey*. University of Canberra.

Schuhbauer, A., & Sumaila, U. R. (2016). Economic viability and small-scale

fisheries - A review. *Ecological Economics*, *124*, 69–75. https://doi.org/10.1016/j.ecolecon.2016.01.018

Sekaran, U., & Bougie, R. (2016). *Research Methods for Business: A Skill Building Approach* (Seventh). John Wiley & Sons Ltd.

Shackleton, R. T., Biggs, R., Richardson, D. M., & Larson, B. M. H. (2018). Social-ecological drivers and impacts of invasion-related regime shifts: consequences for ecosystem services and human wellbeing. *Environmental Science and Policy*, *89*(August), 300–314. https://doi.org/10.1016/ j.envsci.2018.08.005

Shahzad, L., Shah, M., Saleem, M., Mansoor, A., Sharif, F., Tahir, A., Hayyat, U., Farhan, M., & Ghafoor, G. (2021). Livelihood vulnerability index: a pragmatic assessment of climatic changes in flood affected community of Jhok Reserve Forest, Punjab, Pakistan. *Environmental Earth Sciences*, *80*(7), 1–16. https://doi.org/10.1007/s12665-021-09562-1

Sievanen, L. (2014). How do small-scale fishers adapt to environmental variability? Lessons from Baja California, Sur, Mexico. *Maritime Studies*, *13*, 1–19.

Silva, M. R. O., Pennino, M. G., & Lopes, P. F. M. (2020). A social-ecological approach to estimate fisher resilience: A case study from Brazil. *Ecology and Society*, *25*(1). https://doi.org/10.5751/ES-11361-250123

Simmance, A., Simmance, F., Kolding, J., Madise, N. J., & Poppy, G. M. (2016). In the frame: modifying Photovoice for improving understanding of gender in fisheries and aquaculture. In W.W. Taylor, D. M. Bartley, C. . Goddard, & N. . Leonard (Eds.), *Global Conference on Inland Fisheries, UNFAO* (Issue January, pp. 70–90). https://www.researchgate.net/publication/312492052

Simpson, J. A., & Weiner, E. S. C. (1989). *The Oxford English Dictionary, volume XII Poise-Quelt.* Oxford University Press.

Singh, H. (2019). *Social-Ecological Change and Marine Protected Areas: Insights From the Ría Lagartos Biosphere Reserve, Mexico* [Waterloo, Ontario, Canada]. https://uwspace.uwaterloo.ca/handle/10012/14982

Singh, R. K., Vishwakarma, A., & Singh, P. K. (2006). Food Security and Policy Perspective in India. *Indian Journal of Agricultural Economics*, *61*(3), 404.

SK Gubernur Jateng. (2021). *Keputusan Gubernur Jawa Tengah Nomor 561/39 tahun 2021 tentang Upah Minimum pada 35 (Tiga Puluh Lima) Kabupaten/Kota di Provinsi Jawa Tengah Tahun 2022* (p. 5). Pemerintah Daerah Provinsi Jawa Tengah.

Smit, B., & Wandel, J. (2006). Adaptation, adaptive capacity and vulnerability. *Global Environmental Change*, *16*(3), 282–292. https://doi.org/10.1016/ j.gloenvcha.2006.03.008

Smith, L. E. D., Khoa, S. N., & Lorenzen, K. (2005). Livelihood functions of inland fisheries: Policy implications in developing countries. *Water Policy*, *7*(4), 359–383. https://doi.org/10.2166/wp.2005.0023

Sowman, M., & Raemaekers, S. (2018). Socio-ecological vulnerability assessment in coastal communities in the BCLME region. *Journal of Marine Systems*, *188*(July 2017), 160–171. https://doi.org/10.1016/j.jmarsys.2018.01.008

Stockemer, D. (2019). Quantitative Methods for the Social Sciences. A Practical Intoruction with Esamples in SPSS and Stata. In *Quantitative Methods for the Social Sciences*. Springer International Publishing AG. https://doi.org/10.1007/978-3-319-99118-4

Subhan, & Yusuf, S. (2014). Kawasan Konservasi Berbasis Masyarakat (Studi Kasus : Kawasan Kelola Laut Pulau Saponda). *Jurnal Bisnis Perikanan*, *1*(1), 93–108.

Suharno, & Widayati, T. (2015). Kebijakan Pengelolaan Usaha Perikanan Tangkap Nelayan Skala Kecil di Pantura Jawa Tengah. *Kajian Multi Disiplin Ilmu Untuk Mewujudkan Poros Maritim Dalam PEmbangunan Ekonomi Berbasi Kesejahteraan Rakyat*, *1*, 1689–1699.

Sukmana, O. (2016). Konsep dan Desain Negara Kesejahteraan (Welfare State). *Jurnal Sosial Politik*, *2*(1), 103. https://doi.org/10.22219/sospol.v2i1.4759

Sumaila, U. R., Ebrahim, N., Schuhbauer, A., Skerritt, D., Li, Y., Kim, H. S., Mallory, T. G., Lam, V. W. L., & Pauly, D. (2019). Updated estimates and analysis of global fisheries subsidies. *Marine Policy*, *109*(103695), 1–11. https://doi.org/10.1016/j.marpol.2019.103695

Susilowati, I., Ibnu Tsani, L., Edy Yusuf, A. G., & Sasana, H. (2020). Stakeholder Collaboration in the Development of Tourism Villages (Studies on Kandri Tourism Village, Gunungpati Subdistrict, Semarang City). *IOP Conference Series: Earth and Environmental Science*, *518*(1). https://doi.org/10.1088/1755-1315/518/1/012051

Tafida, A. A., Tukur, A. L., Adebayo, E. F., Ndaghu, A. A., Onu, J. I., & Momodu, J. A. (2023). Boko Haram insurgency and livelihood vulnerability of rural households in Northern Adamawa State, Nigeria. *Research in Globalization*, *6*(January), 100116. https://doi.org/10.1016/j.resglo. 2023.100116

Teh, L. C. L., & Pauly, D. (2018). Who brings in the fish? The relative contribution of small-scale and industrial fisheries to food security in Southeast Asia. *Frontiers in Marine Science*, *5*(44), 1–9. https://doi.org/10.3389/fmars.2018.00044

Thiault, L., Marshall, P., Gelcich, S., Collin, A., Chlous, F., & Claudet, J. (2018). Space and time matter in social-ecological vulnerability assessments. *Marine Policy*, *88*, 213–221. https://doi.org/10.1016/j.marpol.2017.11.027

Thomas, C. R., Gordon, I. J., Wooldridge, S., & Marshall, P. (2012). Balancing the Tradeoffs between Ecological and Economic Risks for the Great Barrier Reef: A Pragmatic Conceptual Framework. *Human and Ecological Risk Assessment*, *18*(1), 69–91. https://doi.org/10.1080/10807039.2012.631470

Thompson, C., Johnson, T., & Hanes, S. (2016). Vulnerability of fishing

communities undergoing gentrification. *Journal of Rural Studies*, *45*, 165–174. https://doi.org/10.1016/j.jrurstud.2016.03.008

Trinanda, T. C. (2017). Pengelolaan Wilayah Pesisir Indonesia dalam Rangka Pembangunan Berbasis Pelestarian Lingkungan. *Matra Pembaruan*, *1*(2), 75–84. https://doi.org/10.21787/mp.1.2.2017.75-84

Tronvoll, B. (2017). The actor: The key determinator in service ecosystems. *Systems*, *5*(2). https://doi.org/10.3390/systems5020038

Turisno, B. E., Suharto, R., Priyono, E. A., Mahmudah, S., & Badriyah, S. M. (2021). Analysis of the Role Model of Coastal Area Arrangement on Improving Community Welfare Through Legal Perspective. *Journal of Legal, Ethical and Regulatory Issues*, *24*(6), 1–19.

Utete, B., Phiri, C., Mlambo, S. S., Muboko, N., & Fregene, B. T. (2018). Vulnerability of fisherfolks and their perceptions towards climate change and its impacts on their livelihoods in a peri-urban lake system in Zimbabwe. *Environment, Development and Sustainability*, *21*(2), 917–934. https://doi.org/10.1007/s10668-017-0067-x

Vatria, B., Wiryawan, B., Wiyono, E. S., & Baskoro, M. S. (2019). Klasterisasi Karakteristik Perikanan Tangkap Skala Kecil Di Kabupaten Kayong Utara. *Marine Fisheries : Journal of Marine Fisheries Technology and Management*, *10*(1), 95–106. https://doi.org/10.29244/jmf.10.1.

Villagra, P. (2019). Drivers of community resilience to natural hazards. *Environment*, *61*(4), 4–17. https://doi.org/10.1080/00139157.2019.1615348

Virapongse, A., Brooks, S., Metcalf, E. C., Zedalis, M., Gosz, J., Kliskey, A., & Alessa, L. (2016). A social-ecological systems approach for environmental management. *Journal of Environmental Management*, *178*, 83–91. https://doi.org/10.1016/j.jenvman.2016.02.028

Wafi, H., Yonvitner, Y., & Yulianto, G. (2019). Pendapatan Dan Kesejahteraan Nelayan Dari Sistem Bagi Hasil di Selat Sunda. *Journal of Tropical Fisheries Management*, *3*(2), 1–8. https://jurnal.ipb.ac.id/ index.php/ jurnalppt/article/view/30164

Wahyudin, Y., Paulangan, Y. P., Al Amin, M. A., Kodiran, T., & Mahipal, M. (2019). Analisis Ekonomi Kelembagaan Pengelolaan Kawasan Konservasi Perairan Teluk Depapre Di Kabupaten Jayapura. *Jurnal Mina Sains*, *4*(2), 76–90. https://doi.org/10.30997/jms.v4i2.1519

Walker, B. H., Carpenter, S. R., Rockstrom, J., Crépin, A. S., & Peterson, G. D. (2012). Drivers, slow variables, fast variables, shocks, and resilience. *Ecology and Society*, *17*(3), 1–4. https://doi.org/10.5751/ES-05063-170330

Walker, B., Holling, C. ., Carpenter, S. R., & Kinzig, A. (2004). Resilience, Adaptability and Transformability in Social ecological Systems. *Ecology and Society*, *9*(2). https://doi.org/10.1103/PhysRevLett.95.258101

Weeratunge, N., Béné, C., Siriwardane, R., Charles, A., Johnson, D., Allison, E. H.,

Nayak, P. K., & Badjeck, M. C. (2014). Small-scale fisheries through the wellbeing lens. *Fish and Fisheries*, *15*(2), 255–279. https://doi.org/10.1111/faf.12016

Whitney, C. K., Bennett, N. J., Ban, N. C., Allison, E. H., Armitage, D., Blythe, J. L., Burt, J. M., Cheung, W., Finkbeiner, E. M., Kaplan-Hallam, M., Perry, I., Turner, N. J., & Yumagulova, L. (2017). Adaptive capacity: From assessment to action in coastal social-ecological systems. *Ecology and Society*, *22*(2). https://doi.org/10.5751/ES-09325-220222

Wibby, P. (2021). *Di Balik Keramian Yang tak Menguntungkan Petani dan Nelayan*. Serat.Id. https://serat.id/2021/03/11/di-balik-keramaian-yang-tak-menguntungkan-petani-dan-nelayan/

Widayatun. (2016). Satu Dekade Pembangunan Sumber Daya Manusia (Kasus Pulau Mapur , Kabupaten Bintan). *Jurnal Kependudukan*, *11*(2), 119–132.

Wise, N., Grob, T., Morten, K., Thompson, I., & Sheard, S. (2015). Magnetophoretic velocities of superparamagnetic particles, agglomerates and complexes. *Journal of Magnetism and Magnetic Materials*, *384*, 328–334. https://doi.org/https://doi.org/10.1016/j.jmmm.2015.02.031

Wiseman, J., & Brasher, K. (2008). Community wellbeing in an unwell world: Trends, challenges, and possibilities. *Journal of Public Health Policy*, *29*(3), 353–366. https://doi.org/10.1057/jphp.2008.16

Woodley, S., Locke, H., Laffoley, D., MacKinnon, K., Sandwith, T., & Smart, J. (2019). A review of evidence for area-based conservation targets for the post-2020 global biodiversity framework. *Parks*, *25*(2), 31–46. https://doi.org/10.2305/iucn.ch.2019.parks-25-2sw2.en

WWF. (2020). Living Planet Report 2020 - Bending the curve of biodiversity loss. In R. E. Almodn, M. Grooten, & T. Petersen (Eds.), *Wwf*. WWF International.

Yamazaki, S., Resosudarmo, B. P., Girsang, W., & Hoshino, E. (2018). Productivity, Social Capital and Perceived Environmental Threats in Small-Island Fisheries: Insights from Indonesia. *Ecological Economics*, *152*(August 2017), 62–75. https://doi.org/10.1016/j.ecolecon.2018.05.020

Zhang, Y., Shen, J., & Li, Y. (2018). Atmospheric environment vulnerability cause analysis for the beijing-tianjin-hebei metropolitan region. *International Journal of Environmental Research and Public Health*, *15*(1). https://doi.org/10.3390/ijerph15010128

Zhao, Y., Fan, J., Liang, B., & Zhang, L. (2019). Evaluation of sustainable livelihoods in the context of disaster vulnerability: A case study of Shenzha County in Tibet, China. *Sustainability (Switzerland)*, *11*(10). https://doi.org/10.3390/su11102874