



- Acuti, D., Mazzoli, V., Donvito, R., & Chan, P. (2018). An instagram content analysis for city branding in London and Florence. *Journal of Global Fashion Marketing*, 9(3), 185–204. <https://doi.org/10.1080/20932685.2018.1463859>
- Alhabash, S., & Ma, M. (2017). A Tale of Four Platforms: Motivations and Uses of Facebook, Twitter, Instagram, and Snapchat Among College Students? *Social Media and Society*, 3(1). <https://doi.org/10.1177/2056305117691544>
- Alikiliç, Ö. (2008). When People Are The Message! Public Participation In New Media: User Generated Content. *Journal of Yaşar University*, 3(10), 1345–1365. <https://doi.org/10.19168/jyu.62613>
- Alwan, W. H., Fazl-Ersi, E., & Vahedian, A. (2020). Identifying influential users on instagram through visual content analysis. *IEEE Access*, 8, 169594–169603. <https://doi.org/10.1109/ACCESS.2020.3020560>
- Amalia, A., & Sudiwijaya, E. (2020). Yogyakarta Tourism Promotion using User-Generated-Content Feature. *Komunikator*, 12(2). <https://doi.org/10.18196/jkm.122042>
- An, Q., Ma, Y., Du, Q., Xiang, Z., & Fan, W. (2020). Role of user-generated photos in online hotel reviews: An analytical approach. *Journal of Hospitality and Tourism Management*, 45(February), 633–640. <https://doi.org/10.1016/j.jhtm.2020.11.002>
- Anholt, S. (2009). Handbook on Tourism Destination Branding. In *Handbook on Tourism Destination Branding*. <https://doi.org/10.18111/9789284413119>
- Antara, M., & Sumarniasih, M. S. (2017). Role of Tourism in Economy of Bali and Indonesia. *Journal of Tourism and Hospitality Management*, 5(2), 34–44. <https://doi.org/10.15640/jthm.v5n2a4>
- Ayeh, J. K., Au, N., & Law, R. (2013). “Do We Believe in TripAdvisor?” Examining Credibility Perceptions and Online Travelers’ Attitude toward Using User-Generated Content. *Journal of Travel Research*, 52(4), 437–452. <https://doi.org/10.1177/0047287512475217>
- Baka, V. (2016). The becoming of user-generated reviews: Looking at the past to understand the future of managing reputation in the travel sector. *Tourism Management*, 53, 148–162. <https://doi.org/10.1016/j.tourman.2015.09.004>
- Balomenou, N., & Garrod, B. (2019). Photographs in tourism research: Prejudice, power, performance and participant-generated images. *Tourism Management*, 70(April 2018), 201–217. <https://doi.org/10.1016/j.tourman.2018.08.014>
- Bausch, T., Gartner, W. C., & Ortanderl, F. (2021). How to Avoid a COVID-19 Research Paper Tsunami? A Tourism System Approach. *Journal of Travel Research*, 60(3), 467–485. <https://doi.org/10.1177/0047287520972805>
- Bell, P. (2001). Content Analysis of Visual Images. In T. Van Leeuwen & C. Jewitt (Eds.), *Theo Handbook of Visual Analysis* (1st ed.). SAGE Publications.
- Berhanu, K., & Raj, S. (2020). The trustworthiness of travel and tourism information sources of social media: perspectives of international tourists visiting Ethiopia. *Heliyon*, 6(3),

e03439. <https://doi.org/10.1016/j.heliyon.2020.e03439>

- BPSa. (2020). Statistik Perkembangan Pariwisata dan Transportasi Nasional November 2020. *Berita Resmi Statistik*, 110, 1–13.
- BPSb. (2020). Hasil Sensus Penduduk 2020. *Berita Resmi Statistik*, 27, 1–52.
<https://papua.bps.go.id/pressrelease/2018/05/07/336/indeks-pembangunan-manusia-provinsi-papua-tahun-2017.html>
- Buhalis, D., & Amaranggana, A. (2013). Information and Communication Technologies in Tourism 2014. *Information and Communication Technologies in Tourism 2014*.
<https://doi.org/10.1007/978-3-319-03973-2>
- Cai, G., Lee, K., & Lee, I. (2018). Itinerary recommender system with semantic trajectory pattern mining from geo-tagged photos. *Expert Systems with Applications*, 94, 32–40.
<https://doi.org/10.1016/j.eswa.2017.10.049>
- Caldito, L. A., Dimanche, F. De, & Ilkevich, S. (2015). Tourist Behaviour and Trends. *Tourism in Russia: A Management Handbook, September 2015*, 1–30.
- Carpio, N. M., Napod, W., & Do, H. W. (2021). Gastronomy as a factor of tourists' overall experience: a study of Jeonju, South Korea. *International Hospitality Review, ahead-of-p*(ahead-of-print). <https://doi.org/10.1108/ihr-08-2020-0031>
- Cat, N. (2020). *Social Media Analytics*. Napoleon Cat. <https://napoleoncat.com/>
- Chiu, W., & Cho, H. (2021). Mapping aboriginal tourism experiences in Taiwan: A case of the Formosan Aboriginal Culture Village. *Journal of Vacation Marketing*, 27(1), 17–31.
<https://doi.org/10.1177/1356766720950345>
- Chiu, W., & Leng, H. K. (2021). The experience of sport tourists at the Formula 1 Singapore Grand Prix: an exploratory analysis of user-generated content. *Sport in Society*, 24(3), 373–395. <https://doi.org/10.1080/17430437.2019.1672155>
- Choi, S., Lehto, X. Y., & Morrison, A. M. (2007). Destination image representation on the web: Content analysis of Macau travel related websites. *Tourism Management*, 28(1), 118–129. <https://doi.org/10.1016/j.tourman.2006.03.002>
- Cucala, L., Genin, M., Occelli, F., & Soula, J. (2019). A multivariate nonparametric scan statistic for spatial data. *Spatial Statistics*, 29, 1–14.
<https://doi.org/10.1016/j.spasta.2018.10.002>
- Cvelbar, L. K., Mayr, M., & Vavpotic, D. (2018). Geographical mapping of visitor flow in tourism: A user-generated content approach. *Tourism Economics*, 24(6), 701–719.
<https://doi.org/10.1177/1354816618776749>
- Deng, N., & Li, X. (Robert). (2018). Feeling a destination through the “right” photos: A machine learning model for DMOs' photo selection. *Tourism Management*, 65, 267–278. <https://doi.org/10.1016/j.tourman.2017.09.010>
- Deng, N., Zhong, L., & Li, H. (2018). Perception of travel destination image based on user-generated photograph metadata: the case of Beijing. *Tourism Tribune*, 33(1), 53–62.
<https://doi.org/10.3969/j.issn.1002-5006.2018.01.010>
- Dinarto, B. D., Wanto, A., & Sebastian, L. C. (2020). *COVID-19 : Impact on Bintan 's*



- Dinhopl, A., & Gretzel, U. (2016). Selfie-taking as touristic looking. *Annals of Tourism Research*, 57, 126–139. <https://doi.org/10.1016/j.annals.2015.12.015>
- Direktorat Jenderal KSDAE. (2018). *Statistik Direktorat jenderal konservasi sumber daya alam dan ekosistem* (Kepala Sub Bagian Data dan Informasi Sekretariat Jenderal KSDAE (ed.)). Direktorat Jenderal KSDAE.
- Djalante, R., Lassa, J., Setiamarga, D., Sudjatma, A., Indrawan, M., Haryanto, B., Mahfud, C., Sinapoy, M. S., Djalante, S., Rafliana, I., Gunawan, L. A., Surtiari, G. A. K., & Warsilah, H. (2020). Review and analysis of current responses to COVID-19 in Indonesia: Period of January to March 2020. *Progress in Disaster Science*, 6, 100091. <https://doi.org/10.1016/j.pdisas.2020.100091>
- Encalada, L., Boavida-Portugal, I., Ferreira, C. C., & Rocha, J. (2017). Identifying tourist places of interest based on digital imprints: Towards a sustainable smart City. *Sustainability (Switzerland)*, 9(12). <https://doi.org/10.3390/su9122317>
- Faulkner, B. (2001). Towards a framework for tourism disaster management. *Tourism Management*, 22(2), 135–147. [https://doi.org/10.1016/S0261-5177\(00\)00048-0](https://doi.org/10.1016/S0261-5177(00)00048-0)
- Filieri, R. (2016). What makes an online consumer review trustworthy? *Annals of Tourism Research*, 58, 46–64. <https://doi.org/10.1016/j.annals.2015.12.019>
- Filieri, R., Yen, D. A., & Yu, Q. (2021). #ILoveLondon: An exploration of the declaration of love towards a destination on Instagram. *Tourism Management*, 85(February). <https://doi.org/10.1016/j.tourman.2021.104291>
- Fotiadis, A. K., & Huan, T.-C. (2015). Disaster, tourism. In J. Jafari & H. Xiao (Eds.), *Encyclopedia of tourism*. Springer International Publishing. <https://doi.org/DOI10.1007/978-3-319-01384-8>
- Gon, M. (2021). Local experiences on Instagram: Social media data as source of evidence for experience design. *Journal of Destination Marketing and Management*, 19(March 2020), 100435. <https://doi.org/10.1016/j.jdmm.2020.100435>
- Gössling, S., Scott, D., & Hall, C. M. (2020). Pandemics, tourism and global change: a rapid assessment of COVID-19. *Journal of Sustainable Tourism*, 29(1), 1–20. <https://doi.org/10.1080/09669582.2020.1758708>
- Gretzel, U., Fuchs, M., Baggio, R., Hoepken, W., Law, R., Neidhardt, J., Pesonen, J., Zanker, M., & Xiang, Z. (2020). e-Tourism beyond COVID-19: a call for transformative research. *Information Technology and Tourism*, 22(2), 187–203. <https://doi.org/10.1007/s40558-020-00181-3>
- Guridno, E., & Guridno, A. (2020). Covid-19 Impact: Indonesia Tourism in New Normal Era. *International Journal of Management and Humanities*, 4(11), 31–34. <https://doi.org/10.35940/ijmh.k1049.0741120>
- Gurtner, Y. (2016). Returning to paradise: Investigating issues of tourism crisis and disaster recovery on the island of Bali. *Journal of Hospitality and Tourism Management*, 28, 11–19. <https://doi.org/10.1016/j.jhtm.2016.04.007>



- Hakim, L. (2020). COVID-19 and the Moment to Evaluate Tourism Euphoria , Indonesia. *Journal of Indonesian Tourism and Development Studies*, 8(2), 119–123.
<https://doi.org/10.21776/ub.jitode.2020.008.02.09>
- Han, H., & Hyun, S. S. (2015). Customer retention in the medical tourism industry: Impact of quality, satisfaction, trust, and price reasonableness. *Tourism Management*, 46, 20–29.
<https://doi.org/10.1016/j.tourman.2014.06.003>
- Hao, X., Wu, B., Morrison, A. M., & Wang, F. (2016). Worth thousands of words? Visual content analysis and photo interpretation of an outdoor tourism spectacular performance in Yangshuo-Guilin, China. *Anatolia*, 27(2), 201–213.
<https://doi.org/10.1080/13032917.2015.1082921>
- Hausmann, A., Toivonen, T., Slotow, R., Tenkanen, H., Moilanen, A., Heikinheimo, V., & Di Minin, E. (2018). Social Media Data Can Be Used to Understand Tourists' Preferences for Nature-Based Experiences in Protected Areas. *Conservation Letters*, 11(1), 1–10. <https://doi.org/10.1111/conl.12343>
- Huan, T. C., Beaman, J., & Shelby, L. (2004). No-escape natural disaster: Mitigating impacts on tourism. *Annals of Tourism Research*, 31(2), 255–273.
<https://doi.org/10.1016/j.annals.2003.10.003>
- Ichau, E., Frissen, T., & d'Haenens, L. (2019). From #selfie to #edgy. Hashtag networks and images associated with the hashtag #jews on Instagram. *Telematics and Informatics*, 44(September), 101275. <https://doi.org/10.1016/j.tele.2019.101275>
- Ioannides, D., & Gyimóthy, S. (2020). The COVID-19 crisis as an opportunity for escaping the unsustainable global tourism path. *Tourism Geographies*, 22(3), 624–632.
<https://doi.org/10.1080/14616688.2020.1763445>
- Johnson, P. A., Sieber, R. E., Magnien, N., & Ariwi, J. (2012). Automated web harvesting to collect and analyse user-generated content for tourism. *Current Issues in Tourism*, 15(3), 293–299. <https://doi.org/10.1080/13683500.2011.555528>
- Katrakilidis, C., Konteos, G., Sariannidis, N., & Manolidou, C. (2017). Investigation of Convergence in the Tourist Markets of Greece. *European Research Studies Journal*, XX(Issue 4A), 707–729. <https://doi.org/10.35808/ersj/866>
- Kemenparekraf. (2020). *Rencana Strategis 2020-2024*.
- Khazai, B., Mahdavian, F., & Platt, S. (2018). Tourism Recovery Scorecard (TOURS) – Benchmarking and monitoring progress on disaster recovery in tourism destinations. *International Journal of Disaster Risk Reduction*, 27, 75–84.
<https://doi.org/10.1016/j.ijdr.2017.09.039>
- Kim, S. (Sam), Im, H. H., & King, B. E. M. (2015). Muslim travelers in Asia: The destination preferences and brand perceptions of Malaysian tourists. *Journal of Vacation Marketing*, 21(1), 3–21. <https://doi.org/10.1177/1356766714549648>
- Kim, S. B., Kim, D. Y., & Wise, K. (2014). The effect of searching and surfing on recognition of destination images on Facebook pages. *Computers in Human Behavior*, 30, 813–823. <https://doi.org/10.1016/j.chb.2013.07.010>
- Költringer, C., & Dickinger, A. (2015). Analyzing destination branding and image from



- online sources: A web content mining approach. *Journal of Business Research*, 68(9), 1836–1843. <https://doi.org/10.1016/j.jbusres.2015.01.011>
- Lacher, R. G., Oh, C. O., Jodice, L. W., & Norman, W. C. (2013). The Role of Heritage and Cultural Elements in Coastal Tourism Destination Preferences: A Choice Modeling-Based Analysis. *Journal of Travel Research*, 52(4), 534–546. <https://doi.org/10.1177/0047287512475215>
- Leung, Rosanna; Vu, Huy Quan; Rong, Jia; Miao, Y. (2016). Tourists Visit and Photo Sharing Behavior Analysis: A Case Study of Hong Kong Temples. In *Information and Communication Technologies in Tourism 2016* (Issue January). <https://doi.org/10.1007/978-3-319-28231-2>
- Li, F. (Sam). (2020). Understanding Chinese tourists' motivations of sharing travel photos in WeChat. *Tourism Management Perspectives*, 33(August 2019), 100584. <https://doi.org/10.1016/j.tmp.2019.100584>
- Li, J., Xu, L., Tang, L., Wang, S., & Li, L. (2018). Big data in tourism research: A literature review. *Tourism Management*, 68, 301–323. <https://doi.org/10.1016/j.tourman.2018.03.009>
- Li, X., & Law, R. (2020). Network analysis of big data research in tourism. *Tourism Management Perspectives*, 33, 100608. <https://doi.org/10.1016/j.tmp.2019.100608>
- Li, Y. R., Lin, Y. C., Tsai, P. H., & Wang, Y. Y. (2015). Traveller-Generated Contents for Destination Image Formation: Mainland China Travellers to Taiwan as a Case Study. *Journal of Travel and Tourism Marketing*, 32(5), 518–533. <https://doi.org/10.1080/10548408.2014.918924>
- Liu-Lastres, B., Mariska, D., Tan, X., & Ying, T. (2020). Can post-disaster tourism development improve destination livelihoods? A case study of Aceh, Indonesia. *Journal of Destination Marketing and Management*, 18, 100510. <https://doi.org/10.1016/j.jdmm.2020.100510>
- Lu, W., & Stepchenkova, S. (2015). User-Generated Content as a Research Mode in Tourism and Hospitality Applications: Topics, Methods, and Software. *Journal of Hospitality Marketing and Management*, 24(2), 119–154. <https://doi.org/10.1080/19368623.2014.907758>
- Lyu, S. O. (2016). Travel selfies on social media as objectified self-presentation. *Tourism Management*, 54, 185–195. <https://doi.org/10.1016/j.tourman.2015.11.001>
- Ma, H., Chiu, Y. H., Tian, X., Zhang, J., & Guo, Q. (2020). Safety or travel: Which is more important? The impact of disaster events on Tourism. *Sustainability (Switzerland)*, 12(7), 1–12. <https://doi.org/10.3390/su12073038>
- Mair, J., Ritchie, B. W., & Walters, G. (2016). Towards a research agenda for post-disaster and post-crisis recovery strategies for tourist destinations: a narrative review. *Current Issues in Tourism*, 19(1), 1–26. <https://doi.org/10.1080/13683500.2014.932758>
- Mak, A. H. N. (2017). Online destination image: Comparing national tourism organisation's and tourists' perspectives. *Tourism Management*, 60, 280–297. <https://doi.org/10.1016/j.tourman.2016.12.012>



- Maria del Rio-Chanona, R., Mealy, P., Pichler, A., Lafond, F., & Doyne Farmer, J. (2020). Supply and demand shocks in the COVID-19 pandemic: An industry and occupation perspective. *Oxford Review of Economic Policy*, 36, S94–S137. <https://doi.org/10.1093/oxrep/graa033>
- Marine-Roig, E., & Anton Clavé, S. (2015). Tourism analytics with massive user-generated content: A case study of Barcelona. *Journal of Destination Marketing and Management*, 4(3), 162–172. <https://doi.org/10.1016/j.jdmm.2015.06.004>
- Marine-Roig, E., & Anton Clavé, S. (2016). Perceived image specialisation in multiscale tourism destinations. *Journal of Destination Marketing and Management*, 5(3), 202–213. <https://doi.org/10.1016/j.jdmm.2015.12.007>
- Matiza, T. (2020). Post-COVID-19 crisis travel behaviour: towards mitigating the effects of perceived risk. *Journal of Tourism Futures*, 2012(April). <https://doi.org/10.1108/JTF-04-2020-0063>
- Mowforth, M., & Munt, I. (2015). Tourism and sustainability: Development, globalisation and new tourism in the Third World: Fourth edition. In *Tourism and Sustainability: Development, globalisation and new tourism in the Third World: Fourth Edition* (Fourth). <https://doi.org/10.4324/9781315795348>
- Napierała, T., Leśniewska-Napierała, K., & Burski, R. (2020). Impact of geographic distribution of COVID-19 cases on hotels' performances: Case of Polish cities. *Sustainability (Switzerland)*, 12(11), 1–18. <https://doi.org/10.3390/su12114697>
- Narangajavana Kaosiri, Y., Callarisa Fiol, L. J., Moliner Tena, M. Á., Rodríguez Artola, R. M., & Sánchez García, J. (2019). User-Generated Content Sources in Social Media: A New Approach to Explore Tourist Satisfaction. *Journal of Travel Research*, 58(2), 253–265. <https://doi.org/10.1177/0047287517746014>
- Nauright, J., Zipp, S., & Kim, Y. H. (2020). The sports world in the era of COVID-19. *Sport in Society*, 23(11), 1703–1706. <https://doi.org/10.1080/17430437.2020.1834196>
- Neuburger, L., & Egger, R. (2020). Travel risk perception and travel behaviour during the COVID-19 pandemic 2020: a case study of the DACH region. *Current Issues in Tourism*. <https://doi.org/10.1080/13683500.2020.1803807>
- Nezakati, H., Amidi, A., Jusoh, Y. Y., Moghadas, S., Aziz, Y. A., & Sohrabinezhadtalemi, R. (2015). Review of Social Media Potential on Knowledge Sharing and Collaboration in Tourism Industry. *Procedia - Social and Behavioral Sciences*, 172, 120–125. <https://doi.org/10.1016/j.sbspro.2015.01.344>
- Nikjoo, A., & Bakhshi, H. (2019). The presence of tourists and residents in shared travel photos. *Tourism Management*, 70(April 2018), 89–98. <https://doi.org/10.1016/j.tourman.2018.08.005>
- Ning, H., Li, Z., Hodgson, M. E., & Wang, C. (2020). Prototyping a social media flooding photo screening system based on deep learning. *ISPRS International Journal of Geo-Information*, 9(2). <https://doi.org/10.3390/ijgi9020104>
- OECD. (2020). Tourism Policy Responses to the coronavirus (COVID-19). *Oecd*, June, 1–50. https://read.oecd-ilibrary.org/view/?ref=124_124984-7uf8nm95se&Title=Covid-19:TourismPolicyResponses



- Ollivaud, P., & Haxton, P. (2019). Making the Most of Tourism in Indonesia to Promote Sustainable Regional Development. *Organisation for Economic Co-Operation and Development (OECD)*, 1535, 1–41.
- Paramasivam, C. R., & Venkatramanan, S. (2019). An introduction to various spatial analysis techniques. In *GIS and Geostatistical Techniques for Groundwater Science* (Issue June, pp. 23–30). <https://doi.org/10.1016/B978-0-12-815413-7.00003-1>
- Paül i Agustí, D. (2018). Characterizing the location of tourist images in cities. Differences in user-generated images (Instagram), official tourist brochures and travel guides. *Annals of Tourism Research*, 73(May), 103–115. <https://doi.org/10.1016/j.annals.2018.09.001>
- Pérez Gálvez, J. C., Torres-Matovelle, P., Molina-Molina, G., & González Santa Cruz, F. (2020). Gastronomic clusters in an Ecuadorian tourist destination: the case of the province of Manabí. *British Food Journal*, 122(12), 3917–3934. <https://doi.org/10.1108/BFJ-11-2019-0870>
- Pérez Gálvez, J. C., Torres-Naranjo, M., Lopez-Guzman, T., & Carvache Franco, M. (2017). Tourism demand of a WHS destination: an analysis from the viewpoint of gastronomy. *International Journal of Tourism Cities*, 3(1), 1–16. <https://doi.org/10.1108/IJTC-10-2016-0039>
- Pesci, C., & Costa, E. (2014). Content analysis of social and environmental reports of Italian Cooperative Banks: Methodological issues. *Social and Environmental Accountability Journal*, 34(3), 157–171. <https://doi.org/10.1080/0969160X.2014.904239>
- Philipps, A., Zerr, S., & Herder, E. (2017). The representation of street art on Flickr. Studying reception with visual content analysis. *Visual Studies*, 32(4), 382–393. <https://doi.org/10.1080/1472586X.2017.1396193>
- Polyzos, S., Samitas, A., & Spyridou, A. E. (2020). Tourism demand and the COVID-19 pandemic: an LSTM approach. *Tourism Recreation Research*. <https://doi.org/10.1080/02508281.2020.1777053>
- Raaphorst, K., Roeleveld, G., Duchhart, I., Van der Knaap, W., & Van den Brink, A. (2020). Reading landscape design representations as an interplay of validity, readability and interactivity: a framework for visual content analysis. *Visual Communication*, 19(2), 163–197. <https://doi.org/10.1177/1470357218779103>
- Rauchfleisch, A., Artho, X., Metag, J., Post, S., & Schäfer, M. S. (2017). How journalists verify user-generated content during terrorist crises. Analyzing twitter communication during the Brussels attacks. *Social Media and Society*, 3(3). <https://doi.org/10.1177/2056305117717888>
- Ray, A., & Bala, P. K. (2021). User generated content for exploring factors affecting intention to use travel and food delivery services. *International Journal of Hospitality Management*, 92, 102730. <https://doi.org/10.1016/j.ijhm.2020.102730>
- Reyes-Menendez, A., Saura, J. R., & Thomas, S. B. (2020). Exploring key indicators of social identity in the #MeToo era: Using discourse analysis in UGC. *International Journal of Information Management*, 54(May), 102129. <https://doi.org/10.1016/j.ijinfomgt.2020.102129>
- Rose, G. (2018). *Visual Methodologies An Introduction to Researching with Visual Materials*

4th Edition (R. Rojek (ed.); 4th Editio). SAGE Publications Ltd.
<https://doi.org/10.4337/9781785364426.00017>

- Rossello, Jaume; Becken, S., & Santana-gallego, M. (2020). Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID- 19 . The COVID-19 resource centre is hosted on Elsevier Connect , the company ’ s public news and information. *Diabetes Metab Syndr.*, 14(4)(January), 337–339.
- Salem, T., & Twining-Ward, L. (2018). The Voice of Travelers : Leveraging User-Generated Content for Tourism Development 2018. In *The World Bank Group*.
<https://doi.org/10.1596/30451>
- Sanchez-Rivero, M., & Pulido-Fernández, J. I. (2020). Global estimation of the elasticity of “international tourist arrivals/income from tourism.” *Sustainability (Switzerland)*, 12(20), 1–16. <https://doi.org/10.3390/su12208707>
- Santos, M., Madrid González, A., Haegeman, C., & Rainoldi, K. (2020). *Behavioural changes in tourism in times of COVID-19 Employment scenarios and policy options*.
<https://doi.org/10.2760/00411>
- Schroeder, A., & Pennington-Gray, L. (2015). The Role of Social Media in International Tourist’s Decision Making. *Journal of Travel Research*, 54(5), 584–595.
<https://doi.org/10.1177/0047287514528284>
- Séraphin, H., Zaman, M., & Fotiadis, A. (2019). Challenging the Negative Image of Postcolonial, Post-conflict and Post-disaster Destinations Using Events: The Case of Haiti. *Caribbean Quarterly*, 65(1), 88–112.
<https://doi.org/10.1080/00086495.2019.1565223>
- Shabrina Rahma, V., & Fadhilia Arvianti, G. (2020). the Impacts of Covid-19 Pandemic in Indonesia and China’S Hotel Industry: How To Overcome It? *Jelajah: Journal Tourism and Hospitality*, 2(1), 2020. <https://www.worldometers.info/coronavirus/?#countries>
- Shapoval, V., Wang, M. C., Hara, T., & Shioya, H. (2018). Data Mining in Tourism Data Analysis: Inbound Visitors to Japan. *Journal of Travel Research*, 57(3), 310–323.
<https://doi.org/10.1177/0047287517696960>
- Sigala, M. (2020). Tourism and COVID-19: Impacts and implications for advancing and resetting industry and research. *Journal of Business Research*, 117, 312–321.
<https://doi.org/10.1016/j.jbusres.2020.06.015>
- Smith, A. N., Fischer, E., & Yongjian, C. (2012). How Does Brand-related User-generated Content Differ across YouTube, Facebook, and Twitter? *Journal of Interactive Marketing*, 26(2), 102–113. <https://doi.org/10.1016/j.intmar.2012.01.002>
- Snoek, C., & Worring, M. (2009). Visual Content Analysis. In In: LIU L., ÖZSU M.T. (eds) *Encyclopedia of Database Systems* (pp. 3360–3364). Springer, Boston, MA.
https://doi.org/https://doi.org/10.1007/978-0-387-39940-9_1019
- Sparrow, R., Dartanto, T., & Hartwig, R. (2020). Indonesia Under the New Normal: Challenges and the Way Ahead. *Bulletin of Indonesian Economic Studies*, 56(3), 269–299. <https://doi.org/10.1080/00074918.2020.1854079>



- Sun, Y., Shao, Y., & Chan, E. H. W. (2020). Co-visitation network in tourism-driven peri-urban area based on social media analytics: A case study in Shenzhen, China. *Landscape and Urban Planning*, 204(August), 103934.
<https://doi.org/10.1016/j.landurbplan.2020.103934>
- Suwena, I. K., Sendra, I. M., & Arismayanti, N. K. (2019). the Impact of Natural Disasters on Change of Travel Patterns and Tourist Type Who Visited Tourism Destination. *Jurnal IPTA*, 7(1), 52. <https://doi.org/10.24843/ipta.2019.v07.i01.p07>
- The World Bank. (2020). East Asia Pacific Economic Update. In *World Bank Group* (Issue October).
<https://openknowledge.worldbank.org/bitstream/handle/10986/34497/9781464816413.pdf>
- Thejakartapost.com. (2020). *Domestic market to be driver of recovery, Garuda chief says*. The Jakarta Post. <https://www.thejakartapost.com/news/2020/09/11/domestic-market-to-be-driver-of-recovery-garuda-chief-says.html>
- Tideswell, C., & Faulkner, B. (1999). Multidestination travel patterns of international visitors to Queensland. *Journal of Travel Research*, 37(4), 364–374.
<https://doi.org/10.1177/004728759903700406>
- UNISDR, PATA, & GIDRM. (2015). Developing strategies to strengthen the resilience of hotels to disasters-A scoping study to guide the development of the Hotel Resilient Initiative. In *The United Nations Office for Disaster Risk Reduction*.
https://www.preventionweb.net/english/hyogo/gar/2015/en/home/GAR_2015/GAR_2015_1.html
- UNWTOa. (2020). International Tourist Arrivals Could Fall By 20-30% in 2020. *Unwto.Org*, 34, 33–34. <https://www.unwto.org/news/international-tourism-arrivals-could-fall-in-2020>
- UNWTOb. (2020). Impact Assessment of The Covid-19 Outbreak on International Tourism. *Unwto.Org*. <https://www.unwto.org/impact-assessment-of-the-covid-19-outbreak-on-international-tourism>
- UNWTOc. (2020). TOURISM NEWS RELEASE UNWTO Works With Government of Indonesia To. *Unwto*, 34.
- Vu, H. Q., Leung, R., Rong, J., & Miao, Y. (2016). Exploring Park Visitors' Activities in Hong Kong using Geotagged Photos. *Information and Communication Technologies in Tourism 2016, January*. <https://doi.org/10.1007/978-3-319-28231-2>
- Vu, H. Q., Li, G., & Law, R. (2020). Cross-Country Analysis of Tourist Activities Based on Venue-Referenced Social Media Data. *Journal of Travel Research*, 59(1), 90–106.
<https://doi.org/10.1177/0047287518820194>
- Vu, H. Q., Li, G., Law, R., & Ye, B. H. (2015). Exploring the travel behaviors of inbound tourists to Hong Kong using geotagged photos. *Tourism Management*, 46, 222–232.
<https://doi.org/10.1016/j.tourman.2014.07.003>
- Vu, H. Q., Li, G., Law, R., & Zhang, Y. (2018). Tourist Activity Analysis by Leveraging Mobile Social Media Data. *Journal of Travel Research*, 57(7), 883–898.
<https://doi.org/10.1177/0047287517722232>



- Walters, G., Mair, J., & Ritchie, B. (2015). Understanding the tourist's response to natural disasters: The case of the 2011 Queensland floods. *Journal of Vacation Marketing*, 21(1), 101–113. <https://doi.org/10.1177/1356766714528933>
- Wang, D., & Nicolau, J. L. (2017). Price determinants of sharing economy based accommodation rental: A study of listings from 33 cities on Airbnb.com. *International Journal of Hospitality Management*, 62, 120–131. <https://doi.org/10.1016/j.ijhm.2016.12.007>
- Wang, R., Luo, J., & Huang, S. (Sam). (2020). Developing an artificial intelligence framework for online destination image photos identification. *Journal of Destination Marketing and Management*, 18(August), 100512. <https://doi.org/10.1016/j.jdmm.2020.100512>
- Weed, M. (2020). The role of the interface of sport and tourism in the response to the COVID-19 pandemic. *Journal of Sport and Tourism*, 79–92. <https://doi.org/10.1080/14775085.2020.1794351>
- Weidenfeld, A. (2018). Tourism diversification and its implications for smart specialisation. *Sustainability (Switzerland)*, 10(2). <https://doi.org/10.3390/su10020319>
- Wen, H., Park, E., Tao, C. W., Chae, B., Li, X., & Kwon, J. (2020). Exploring user-generated content related to dining experiences of consumers with food allergies. *International Journal of Hospitality Management*, 85(August 2019). <https://doi.org/10.1016/j.ijhm.2019.102357>
- Wen, J., Kozak, M., Yang, S., & Liu, F. (2020). COVID-19: potential effects on Chinese citizens' lifestyle and travel. *Tourism Review*, 76(1), 74–87. <https://doi.org/10.1108/TR-03-2020-0110>
- Wen, J., Wang, W., Kozak, M., Liu, X., & Hou, H. (2020). Many brains are better than one: the importance of interdisciplinary studies on COVID-19 in and beyond tourism. *Tourism Recreation Research*, 46(2), 1–4. <https://doi.org/10.1080/02508281.2020.1761120>
- Wiratama, Cony; Kurniawaty, Nova; Febriane, Fericha; Putri, Reinnissa; Haekal, H. (2014). Average concept of crossover operator in real coded genetic algorithm. *International Proceedings of Economics Development and Research*, 76(2), 5–9. <https://doi.org/10.7763/IPEDR>
- WTTC. (2020). The Future of Travel & Tourism in the Wake of Covid-19. In *World Travel and Tourism Council* (Issue September).
- Yang, E., Kim, J., & Pennington-Gray, L. (2021). Social media information and peer-to-peer accommodation during an infectious disease outbreak. *Journal of Destination Marketing and Management*, 19, 100538. <https://doi.org/10.1016/j.jdmm.2020.100538>
- Ye, Q., Law, R., Gu, B., & Chen, W. (2011). The influence of user-generated content on traveler behavior: An empirical investigation on the effects of e-word-of-mouth to hotel online bookings. *Computers in Human Behavior*, 27(2), 634–639. <https://doi.org/10.1016/j.chb.2010.04.014>
- Yuniti, I. G. A. D., Sasmita, N., Komara, L. L., Purba, J. H., & Pandawani, N. P. (2020). The impact of covid-19 on community life in the province of Bali, Indonesia. *International*



- Zeng, B., & Gerritsen, R. (2014). What do we know about social media in tourism? A review. *Tourism Management Perspectives*, 10, 27–36.
<https://doi.org/10.1016/j.tmp.2014.01.001>
- Zhang, K., Chen, Y., & Li, C. (2019). Discovering the tourists' behaviors and perceptions in a tourism destination by analyzing photos' visual content with a computer deep learning model: The case of Beijing. *Tourism Management*, 75, 595–608.
<https://doi.org/10.1016/j.tourman.2019.07.002>
- Zhang, K., Chen, Y., & Lin, Z. (2020). Mapping destination images and behavioral patterns from user-generated photos: a computer vision approach. *Asia Pacific Journal of Tourism Research*, 25(11), 1199–1214. <https://doi.org/10.1080/10941665.2020.1838586>
- Zhong, L., Yang, L., Rong, J., & Kong, H. (2020). A Big Data Framework to Identify Tourist Interests Based on Geotagged Travel Photos. *IEEE Access*, 8, 85294–85308.
<https://doi.org/10.1109/ACCESS.2020.2990949>
- Zhou, Xiao, Sun, B., Li, S., & Liu, S. (2020). Tour Route Planning Algorithm Based on Precise Interested Tourist Sight Data Mining. *IEEE Access*, 8, 153134–153168.
<https://doi.org/10.1109/ACCESS.2020.3010420>
- Zhou, Xiaolu, Xu, C., & Kimmons, B. (2015). Detecting tourism destinations using scalable geospatial analysis based on cloud computing platform. *Computers, Environment and Urban Systems*, 54, 144–153. <https://doi.org/10.1016/j.compenvurbsys.2015.07.006>
- Zuboff, S. (2015). Big other: surveillance capitalism and the prospects of an information civilization. *Journal of Information Technology*, 30, 75–89.
<https://doi.org/10.1057/jit.2015.5>