

## DAFTAR PUSTAKA

- Aditya, T. (2009). PERENCANAAN DAN PENYELESAIAN MASALAH INFRASTRUKTUR PERKOTAAN MELALUI INTEGRASI SIG KOLABORATIF DAN SIG PARTISIPASI PUBLIK. *Jurnal Ilmiah Geomatika*, 15 (1)(December), 1–20.
- Avasthi, T. P. (2007). AN INTRODUCTION TO GIS. *The Third Pole: Journal of Geography Education*, 5–7, 76–78.
- Awange, J. L., & Kyalo Kiema, J. B. (2013). Environmental Geoinformatics. *Environmental Geoinformatics: Environmental Science and Engineering*, (2007), 541. <https://doi.org/10.1007/978-3-642-34085-7>
- Badan Nasional Penanggulangan Bencana (BNPB), Australia-Indonesia Facility for Disaster Reduction, & Humanitarian Openstreetmap Team (HOT). (2019). Penjaminan Kualitas Data untuk OpenStreetMap. Diakses dari [https://openstreetmap.id/docs/Penjaminan\\_Kualitas\\_untuk\\_OpenStreetMap.pdf](https://openstreetmap.id/docs/Penjaminan_Kualitas_untuk_OpenStreetMap.pdf)
- Barron, C., Neis, P., & Zipf, A. (2014). A Comprehensive Framework for Intrinsic OpenStreetMap Quality Analysis. *Transactions in GIS*, 18(6), 877–895. <https://doi.org/10.1111/tgis.12073>
- Bearman, N., Munday, P., & McAvoy, D. (2015). Teaching GIS outside of geography: a case study in the School of International Development, University of East Anglia. *Journal of Geography in Higher Education*, 39(2), 237–244. <https://doi.org/10.1080/03098265.2015.1010146>
- Brovelli, M. A., Minghini, M., Molinari, M. E., & Zamboni, G. (2016). Positional accuracy assessment of the openstreetmap buildings layer through automatic homologous pairs detection: The method and a case study. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 41, 615–620. <https://doi.org/10.5194/isprsarchives-XLI-B2-615-2016>

- Brown, G. (2017). A Review of Sampling Effects and Response Bias in Internet Participatory Mapping (PPGIS/PGIS/VGI). *Transactions in GIS*, 21(1), 39–56. <https://doi.org/10.1111/tgis.12207>
- Brown, G., & Kyttä, M. (2014). Key issues and research priorities for public participation GIS (PPGIS): A synthesis based on empirical research. *Applied Geography*, 46, 122–136. <https://doi.org/10.1016/j.apgeog.2013.11.004>
- Chang, K.-T. (2018). *Intoduction to Geographic Information Systems* (Vol. 53). New York: McGraw-Hill Education.
- Chen, J., Yang, S., Li, H., Zhang, B., & Lv, J. (2013). Research on geographical environment unit division based on the method of natural breaks (Jenks). *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 40(4W3), 47–50. <https://doi.org/10.5194/isprsarchives-XL-4-W3-47-2013>
- Departemen of Geodetic and Geomatics Engineering UGM, & Humanitarian Openstreetmap Team (HOT). (2012). *Final Report Evaluation of OpenStreetMap Data in Indonesia*.
- Eckle, M., & De Albuquerque, J. P. (2015). Quality assessment of remote mapping in OpenStreetMap for disaster management purposes. *ISCRAM 2015 Conference Proceedings - 12th International Conference on Information Systems for Crisis Response and Management, 2015-Janua(May)*.
- Esri. (2020). Why hexagons? Diakses pada 29 Maret 2020 dari <https://pro.arcgis.com/en/pro-app/tool-reference/spatial-statistics/h-whyhexagons.htm>
- ESRI. (2016). Proximity analysis. Diakses dari <https://desktop.arcgis.com/en/arcmap/10.3/analyze/commonly-used-tools/proximity-analysis.htm>
- Estellés-Arolas, E., & González-Ladrón-De-Guevara, F. (2012). Towards an integrated crowdsourcing definition. *Journal of Information Science*, 38(2), 189–200. <https://doi.org/10.1177/0165551512437638>

- Fang, Y., Shandas, V., & Cordero, E. (2014). Spatial Thinking in Planning Practice: An Introduction to GIS. *Spatial Thinking in Planning Practice: An Introduction to GIS*. <https://doi.org/10.15760/pdxopen-7>
- Fonte, C. C., Antoniou, V., Bastin, L., Estima, J., Arsanjani, J. J., Bayas, J.-C. L., Vatsava, R. (2017). Assessing VGI Data Quality. In *Mapping and the Citizen Sensor*. <https://doi.org/10.5334/bbf.a>
- Ghilani, C. D. (2017). *Adjustment computations: spatial data analysis* (sixth). y John Wiley & Sons, Inc., Hoboken, New Jersey.
- Girres, J. F., & Touya, G. (2010). Quality Assessment of the French OpenStreetMap Dataset. *Transactions in GIS*, 14(4), 435–459. <https://doi.org/10.1111/j.1467-9671.2010.01203.x>
- Goodchild, M. F. (2007, August). Citizens as sensors: The world of volunteered geography. *GeoJournal*, Vol. 69, pp. 211–221. <https://doi.org/10.1007/s10708-007-9111-y>
- Goodchild, M. F., & Glennon, J. A. (2010). Crowdsourcing geographic information for disaster response: A research frontier. *International Journal of Digital Earth*, 3(3), 231–241. <https://doi.org/10.1080/17538941003759255>
- Goodchild, M. F., & Li, L. (2012). Assuring the quality of volunteered geographic information. *Spatial Statistics*, 1, 110–120. <https://doi.org/10.1016/j.spasta.2012.03.002>
- Haklay, M. (2010). How good is volunteered geographical information? A comparative study of OpenStreetMap and ordnance survey datasets. *Environment and Planning B: Planning and Design*, 37(4), 682–703. <https://doi.org/10.1068/b35097>
- Hecht, R., Kunze, C., & Hahmann, S. (2013). Measuring completeness of building footprints in openstreetmap over space and time. *ISPRS International Journal of Geo-Information*. <https://doi.org/10.3390/ijgi2041066>
- ISO 19517. (2013). *INTERNATIONAL STANDARD Geographic information — Data*

*quality. 2013.*

- Jokar Arsanjani, J., Barron, C., Bakillah, M., & Helbich, M. (2013). Assessing the Quality of OpenStreetMap Contributors together with their Contributions. *16th AGILE International Conference on Geographic Information Science*, 14–17. Diakses dari [http://www.agile-online.org/Conference\\_Paper/CDs/agile\\_2013/Short\\_Papers/SP\\_S4.2\\_Arsanjani.pdf](http://www.agile-online.org/Conference_Paper/CDs/agile_2013/Short_Papers/SP_S4.2_Arsanjani.pdf)
- Kalantari, M., & La, V. (2015). Assessing OpenStreetMap as an Open Property Map. In J. J. Arsanjani, A. Zipf, P. Mooney, & M. Helbich (Eds.), *OpenStreetMap in GIScience*. <https://doi.org/10.1007/978-3-319-14280-7>
- Kounadi, O. (2009). Assessing the quality of OpenStreetMap data. *Geographical Information Science, University College Of*, (August), 0–80. Diakses dari [ftp://ftp.cits.nrcan.gc.ca/pub/cartonat/Reference/VGI/Rania\\_OSM\\_dissertation.pdf](ftp://ftp.cits.nrcan.gc.ca/pub/cartonat/Reference/VGI/Rania_OSM_dissertation.pdf)
- Kusmiarto, Yulfa, A., & Mustofa, F. C. (2018). Model-Model Pendekatan Partisipatif dalam Sistem Informasi Geografi. *BHUMI - Jurnal Agraria Dan Pertanahan*, 4(2), 210–225. <https://doi.org/10.31292/jb.v4i2.236>
- Lun, K., & Chiam, P. (2000). *Sample size determination in health studies*. National University of Singapore.
- Mashhadi, A., Quattrone, G., & Capra, L. (2015). *The Impact of Society on Volunteered Geographic Information: The Case of OpenStreetMap*. <https://doi.org/10.1007/978-3-319-14280-7>
- Massey, A., & Miller, S. J. (2006). Tests of Hypotheses Using Statistics. *Mathematics Department, Brown University, Providence, RI 2912*, 1–32.
- Mooney, P., & Minghini, M. (2017). A Review of OpenStreetMap Data Peter. In *Mapping and the Citizen Sensor* (pp. 37–59). <https://doi.org/10.5334/bbf.a>
- Müller, F., Iosifescu, I., & Hurni, L. (2015). Assessment and Visualization of OSM Building Footprint Quality. *International Cartographic Conference*.

- Olteanu-Raimond, A. M., Hart, G., Foody, G. M., Touya, G., Kellenberger, T., & Demetriou, D. (2017). The Scale of VGI in Map Production: A Perspective on European National Mapping Agencies. *Transactions in GIS*, 21(1), 74–90.  
<https://doi.org/10.1111/tgis.12189>
- OpenStreetMap Wiki contributors. (2020). Elements. Diakses dari OpenStreetMap Wiki website:  
<https://wiki.openstreetmap.org/w/index.php?title=Elements&oldid=1973312>
- Riqqi, A., Taradini, J., & Effendi, A. E. (2018). Pemodelan Kualitas Informasi Geospasial Dasar Di Indonesia. *Geomatika*, 24(1), 13.  
<https://doi.org/10.24895/jig.2018.24-1.773>
- Roussillon, T., Sivignon, I., & Tougne, L. (2007). *Discrete Circularity Measure*. Diakses dari <http://liris.cnrs.fr/publis/?id=3245>
- Rumor, M., McMillan, R., & Ottens., H. F. L. (1996). *Geographical Information: From Research to Application through Cooperation*. IOS Press, Amsterdam.
- Senaratne, H., Mobasheri, A., Ali, A. L., Capineri, C., & Haklay, M. (Muki). (2017). A review of volunteered geographic information quality assessment methods. *International Journal of Geographical Information Science*, 31(1), 139–167.  
<https://doi.org/10.1080/13658816.2016.1189556>
- Singleton, A., Kemp, K., & Unwin, D. (2007). *GEOGRAPHIC INFORMATION SYSTEMS AND SCIENCE : TEACHING MANUAL*.
- Sletto, B. I. (2009). We drew what we imagined: Participatory mapping, performance, and the arts of landscape making. *Current Anthropology*, 50(4), 443–476.  
<https://doi.org/10.1086/593704>
- Streiner, D. L. (2015). Statistics commentary series: Commentary #12-one-tailed and two-tailed tests. *Journal of Clinical Psychopharmacology*, 35(6), 628–629.  
<https://doi.org/10.1097/JCP.0000000000000423>
- Tian, B. (2017). GIS Technology Applications in Environmental and Earth Sciences. *GIS Technology Applications in Environmental and Earth Sciences*, 3, 1–2.

<https://doi.org/10.1201/9781315366975>

- Törnros, T., Dorn, H., Hahmann, S., & Zipf, A. (2015). Uncertainties of completeness measures in openstreetmap &ndash; A case study for buildings in a medium-sized German city. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 2(3W5), 353–357. <https://doi.org/10.5194/isprsannals-II-3-W5-353-2015>
- Twhiteaker. (2013). Create Hexagon Tessellation. Diakses dari <http://www.arcgis.com/home/item.html?id=03388990d3274160afe240ac54763e57>
- West, P. W. (2016). Simple random sampling of individual items in the absence of a sampling frame that lists the individuals. *New Zealand Journal of Forestry Science*, 46(1). <https://doi.org/10.1186/s40490-016-0071-1>
- Yayasan Bumi, Center of Borneo Environmental Remote Sensing University of Mulawarman, & Humanitarian OpenStreetMap Team (HOT). (2016). *Evaluation of OpenStreetMap Indonesia Geospatial Data: Samarinda and Balikpapan*. (March). Diakses dari <http://bumibaru.id/wp-content/uploads/2017/07/bumi-2016-osm-final-report-ver20160327.pdf>
- Ying, F., Mooney, P., Corcoran, P., & Winstanley, A. C. (2010). *Using shape complexity to guide simplification of geospatial data for use in Location-based Services*. 1–16.