

DAFTAR PUSTAKA

- Abbasi, E., Vahdani, F. A., Ahmadi, S. H., and Behrouz, R., 2013. Developing And Ranking Strategies For Machinery Companies Via QSPM and SWOT matrix : A Case Study in Toolid Atash Machinery Company, Vol. 2(3), pp. 452–461.
- Abbasi, H., Khanmoradi, S., Eydi, Hh., and Rasekh, N., 2016. Quantitative Strategic Planning of General Office of Sports and Youth in Regard to Championship Sport Using QSPM in Kermanshah, International Journal of Sports Science, Vol. 6(2), pp. 36–45, <https://doi.org/10.5923/j.sports.20160602.04>.
- Addams, L., and Allfred, A. T., 2013. The First Step In Proactively Managing Students Careers: Teaching self-SWOT Analysis, Academy Of Educational Leadershipjournal, Vol. 17(4), pp. 43–52.
- Adiprama, R. T. dan Ciptomulyono, U., 2012. Audit Energi dengan Pendekatan Metode MCDM-PROMETHEE untuk Konservasi serta Efisiensi Listrik di Rumah Sakit Haji Surabaya, Jurnal Teknik ITS, Vol. 1(September), pp. 465–470.
- Angel, J., and Loftus, A., 2017. With-Against-And-Beyond The Human Right To Water. Geoforum, Vol. September 2016, pp. 0–1. <https://doi.org/10.1016/j.geoforum.2017.05.002>
- Ariendi, G. T., Daryanto, A., and Sanim, B., 2015. Strategy for Increasing Business Competitiveness of Green Property, International Journal of Innovation and Scientific Research, Vol. 19(1), pp. 24–32.
- Arikunto, S., 2002. Prosedur Suatu Penelitian: Pendekatan Praktek, PT. Rineka Cipta, Edisi Revisi, Jakarta.
- Artana, K. B., 2008. Pengambilan Keputusan Kriteria Jamak (MCDM) Untuk Pemilihan Lokasi Floating Storage and Regasification Unit (FSRU): Studi Kasus Suplai LNG Dari Ladang Tangguh Ke Bali, Jurnal Teknik Industri, Vol. 10(2), pp. 97–111. Retrieved from <http://puslit2.petra.ac.id/ejournal/index.php/ind/article/view/16978>.
- Asaadi, R., and Daryaei, M., 2012. Strategic Planning of Rural Tourism in Iran, Journal of Basic and Applied Scientific Research, Vol. 2(11), pp. 11679–11689.

- Avci, D., and Kelleci, M., 2016. Alexithymia In Patients With Type 2 Diabetes Mellitus: The Role Of Anxiety, Depression, And Glycemic Control, Patient Preference and Adherence, Vol. 10, pp. 271–1277. <https://doi.org/10.2147/PPA.S110903>
- Ayub, A., Aslam, M. S., Razzaq, A., and Iftekhar, H., 2013. A Conceptual Framework On Evaluating SWOT Analysis., *European Journal of Business and Social Sciences*, Vol. 2(1), pp. 91–98, Retrieved from <http://www.ejbss.com/recent.Aspx>.
- Baby, S., 2013. AHP Modeling for Multicriteria Decision-Making and to Optimise Strategies for Protecting Coastal Landscape Resources. *International Journal of Innovation, Management and Technology*, Vol. 4(2). <https://doi.org/10.7763/IJIMT.2013.V4.395>.
- Bakalar, G., 2016. Comparisons Of Interdisciplinary Ballast Water Treatment Systems And Operational Experiences From Ships, *SpringerPlus*, Vol. 5(1), pp. 240. <https://doi.org/10.1186/s40064-016-1916-z>
- BBWS Pemali Juana, 2015. Rehabilitasi Saluran Air Baku Klambu Kudu, Kabupaten Grobogan, Demak dan Kota Semarang
- Beck, L., and Bernauer, T., 2011. How Will Combined Changes In Water Demand And Climate Affect Water Availability In The Zambezi River Basin? *Global Environmental Change*, Vol. 21(3), pp. 1061–1072, <https://doi.org/10.1016/j.gloenvcha.2011.04.001>
- Beeferman, L., and Wain, A., 2013. *Infrastructure : Deciding Matters*.
- Belinskij, A., and Kotzé, L. J., 2016. Obligations Arising from the Right to Water in Finland and South Africa, *Aquatic Procedia*, Vol. 6, pp. 30–38, <https://doi.org/10.1016/j.aqpro.2016.06.005>.
- Beloborodko, A., Romagnoli, F., Rosa, M., Disanto, C., Salimbeni, R., Karlsen, E. N., et al., 2015. SWOT Analysis Approach for Advancement of Waste-to-energy Cluster in Latvia, *Energy Procedia*, Vol. 72, pp. 163–169, <https://doi.org/10.1016/j.egypro.2015.06.023>.
- Berger, T., Birner, R., Díaz, J., McCarthy, N., and Wittmer, H., 2007. Capturing The Complexity Of Water Uses And Water Users Within A Multi-Agent Framework, *Integrated Assessment of Water Resources and Global Change: A*

- North-South Analysis, pp. 129–148, <https://doi.org/10.1007/978-1-4020-5591-1-9>.
- Bicen, H., Sadikoğlu, S., and Sadikoglu, G., 2015. The Impact of Social Networks on Undergraduate Students Learning Foreign Language. *Procedia - Social and Behavioral Sciences*, Vol. 186, pp. 1045 – 1049. <https://doi.org/10.1016/j.sbspro.2015.04.072>.
- BPS, 2014. Indonesia - Survei Sosial Ekonomi Nasional 2013. Socio-Economic/Monitoring Survey, Vol. 2014.
- BPS, 2015. Kabupaten Grobogan Dalam Angka 2015.
- Brans, J.P., and Mareschal, B, 2005. PROMETHEE Methods, Multiple Criteria Decision Analysis: State of the Art Surveys, pp. 163–186.
- Brans, J. P., Vincke, P., and Mareschal, B., 1986, How To Select And How To Rank Projects: The PROMETHEE Method, *European Journal of Operational Research*, Vol. 24(2), pp. 228–238, [https://doi.org/10.1016/0377-2217\(86\)90044-5](https://doi.org/10.1016/0377-2217(86)90044-5).
- Brown, C., Neves-Silva, P., and Heller, L., 2016. The Human Right To Water And Sanitation: A New Perspective For Public Policies, *Ciência & Saúde Coletiva*, Vol. 21(3), pp. 661–670, <https://doi.org/10.1590/1413-81232015213.20142015>.
- Budiaji, W., 2013. LIKERT (The Measurement Scale and The Number of Responses in Likert Scale), Vol. 2(2), pp. 125–131.
- Cakrawijaya, M. A., Riyanto, B., and Nuroji, 2014. Evaluasi Program Pembangunan Infrastruktur Perdesaan di Desa Wonokerto, Kecamatan Turi, Kabupaten Sleman, *Jurnal Perencanaan Wilayah Dan Kota*, Vol. 25(2), pp. 137–156.
- Chen, Z., Wang, J., Sun, J., and Duan, A., 2012. Water-Saving Irrigation Management and Decision Support System Based on WEBGIS, *IFIP International Federation for Information Processing*, pp. 301–312.
- Chou, T. Y., Lin, W. T., Lin, C. Y., Chou, W. C., and Huang, P. H., 2004. Application of The PROMETHEE Technique To Determine Depression Outlet Location And Flow Direction in DEM, *Journal of Hydrology*, Vol. 287(1–4), pp. 49–61, <https://doi.org/10.1016/j.jhydrol.2003.09.026>.

- Curry, E., 2010. Water Scarcity and the Recognition of the Human Right to Safe Freshwater Water Scarcity and the Recognition of the Human, Vol. 9(1).
- Daft, R. L., 2008. Management. South-Western Cengage Learning.
- David, M. E., David, F. R., and David, F. R., 2009. The Quantitative Strategic Planning Matrix (QSPM) Applied To a Retail Computer Store, The Coastal Business Journal, Vol. 8(1), pp. 42–52.
- David, M. E., David^a, F. R., and David^b, F. R., 2017. The Quantitative Strategic Planning Matrix: A New Marketing Tool, Journal of Strategic Marketing, Vol. 25(4), pp. 342–352, <https://doi.org/10.1080/0965254X.2016.1148763>.
- Diamantopoulou, P., and Voudouris, K., 2008. Optimization Of Water Resources Management Using SWOT Analysis: The Case of Zakynthos Island, Ionian Sea, Greece. Environmental Geology, Vol. 54(1), pp. 197–211, <https://doi.org/10.1007/s00254-007-0808-5>.
- Dyson, R. G., 2004. Strategic Development and SWOT Analysis At The University of Warwick, European Journal of Operational Research, Vol. 152(3), pp. 631–640. [https://doi.org/10.1016/S0377-2217\(03\)00062-6](https://doi.org/10.1016/S0377-2217(03)00062-6).
- Fine, L., 2009. The SWOT Analysis, Using Your Strength to Overcome Weaknesses, Using Opportunities to Overcome Threats, Vol. 22, Retrieved from <http://books.google.com/books?hl=en&lr=&id=1cGnPy9H7XUC&oi=fnd&pg=PR1&dq=The+SWOT+Analysis&ots=DdDBERCM-n&sig=shNR7XrY0yQvixVwQFqF-MB3YBg>.
- FME, 2013. SWOT Analysis: Strategy Skills. Free-Management-Ebooks, pp. 1–31. <https://doi.org/http://www.free-management-ebooks.com/dldebk-pdf/fme-pestle-analysis.pdf>
- Gallego-Ayala, J., and Juárez, D., 2011. Strategic Implementation Of Integrated Water Resources Management In Mozambique: An A'WOT analysis, Physics and Chemistry of the Earth, Vol. 36(14–15), pp. 1103–1111, <https://doi.org/10.1016/j.pce.2011.07.040>. ISBN : 9781626209510
- Gao, C. Y., and Peng, D. H., 2011. Consolidating SWOT Analysis With Nonhomogeneous Uncertain Preference Information, Knowledge-Based Systems, Vol. 24(6), pp. 796–808, <https://doi.org/10.1016/j.knosys.2011.03.001>.

- Gartina, R., dan Roestaman, 2015. Analisis Kekuatan Struktur Beton Pilar 2 Penahan Siphon Cisangkan, *Jurnal Konstruksi Sekolah Tinggi Teknologi Garut*, Vol. 13(1).
- Ghosian, A., Ebadi, M., and Shojazadeh, A., 2015. The Quantitative Strategic Planning Matrix (QSPM) Applied To Sport in West Azerbaijan Province, *International Journal of Sport Studies*, Vol. 5(1), pp. 124–128.
- Ginting, A., 2006. Perumusan Strategi Perusahaan. PT X menggunakan Matriks Evaluasi Faktor, *Jurnal Sistem Teknik Industri*, Vol. 7(1), pp. 1–5.
- Görener, A., Toker, K., and Uluçay, K., 2012. Application of Combined SWOT and AHP: A Case Study for a Manufacturing Firm, *Procedia - Social and Behavioral Sciences*, Vol. 58, pp. 1525–1534. <https://doi.org/10.1016/j.sbspro.2012.09.1139>
- Goumas, M., and Lygerou, V., 2000. An Extension of The PROMETHEE Method For Decision Making In Fuzzy Environment: Ranking of Alternative Energy Exploitation Projects, *European Journal of Operational Research*, Vol. 123(3), pp. 606–613.
- Grasso, R., Cococcioni, M., Mourre, B., Chiggiato, J., and Rixen, M., 2012. A Maritime Decision Support System To Assess Risk In The Presence Of Environmental Uncertainties: The REP10 Experiment, *Ocean Dynamics*, Vol. 62(3), pp. 469–493, <https://doi.org/10.1007/s10236-011-0512-6>.
- Gretzky, W., 2010. Strategic Planning and SWOT Analysis, *Essentials of Strategic Planning in Healthcare*, Vol. 1(12), pp. 91–108, Retrieved from http://www.ache.org/pdf/secure/gifts/Harrison_Chapter5.pdf.
- Grigg, N., and Fontane, G., 2000. Infrastructure System Management & Optimization, *Internasional Seminar Paradigm & Strategy of Infrastructure Management*, Civil Engineering Departement Diponegoro University.
- Grigg, N. S., 1988. *Infrastructure Engineering And Management*, New York : J. Wiley.
- Grigg, N.S., 1996. *Water Resources Management: Principles, Regulations, and Cases*. McGraw-Hill. New York:.
- Gunawan, Y., dan Muhammad, A. W., 2016. Masa Depan Hak Atas Air Pasca Putusan Mahkamah Konstitusi Nomor 85/PUU-XI/2013, *Jurnal Kajian Hukum*, Vol. 1,

No. 2, 1(2).

- Gupta, M., Shri, C., and Agrawal, A., 2015. Strategy Formulation for Performance Improvement of Indian Corrugated Industry: An Application of SWOT Analysis and QSPM Matrix, *Journal of Applied Packaging Research*, Vol. 7(3), pp. 60–75.
- Hariadi, B., 2004. *Manajemen Strategi “Perumusan Strategi Untuk Memenangkan Bisnis”*, Ed.1, Banyumedia Publishing, Malang,
- Hartley, J., 2014. Some Thoughts On Likert-Type Scales, *International Journal of Clinical and Health Psychology*, Vol. 14(1), pp. 83–86, [https://doi.org/10.1016/S1697-2600\(14\)70040-7](https://doi.org/10.1016/S1697-2600(14)70040-7).
- Hashemi, N. F., Mazdeh, M. M., Razeghi, A., and Rahimian, A., 2012. Formulating and Choosing Strategies Using Swot Analysis and QSPM Matrix : a Case Study of Hamadan Glass Company, *International Conference on Computers & Industrial Engineering*, Vol. 3(4), pp. 366–371.
- Hax, A. C., and Majluf, N. S., 1991. *The Strategy Concept And Process: A pragmatic approach*, 1st edition, London.
- Hay, G. J. and Castilla, G., 2006. Object-Based Image Analysis: Strengths, Weaknesses, Opportunities and Threats (SWOT). *OBIA, 2006: The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, pp.3. https://doi.org/10.1007/978-3-540-77058-9_4
- Herman, J., Fitriyah, N., and Kalalinggi, R., 2014. Implementasi Pembangunan Kutai Barat. Vol. 2, pp. 2281–2291.
- Hezarjibi, H. N., and Bozorgpour, Z., 2017. Optimized Business Management by Using SWOT and QSPM Matrices (Case Study: Mazandaran Wood and Paper Industries), *Journal of Administrative Management, Education and Training*, Volume (13), Special Issue (1), Vol. 13(1), pp. 409–422. Retrieved from <http://www.jamet-my.org>.
- Hill, C. W. L., and Jones, T. M., 1992. Stakeholder-Agency Theory, *Journal of Management Studies*. Vol. 29(2), pp. 131–154.
- Houben, G., Lenie, K., and Vanhoof, K., 1999. Knowledge-Based Swot-Analysis System As An Instrument For Strategic Planning In Small And Medium Sized

- Enterprises, *Decision Support Systems*, Vol. 26(2), pp. 125–135, [https://doi.org/10.1016/S0167-9236\(99\)00024-X](https://doi.org/10.1016/S0167-9236(99)00024-X).
- Huang, W.-C. C., and Chen, C.-H. H., 2005. Using The ELECTRE II Method To Apply And Analyze The Differentiation Theory, *Proceedings of the Eastern Asia Society for Transportation Studies*, Vol. 5(April), pp. 2237–2249.
- Hudson, W.R., Haas, R. and Uddin, W., 1997. *Infrastructure Management: Integrating Design, Construction, Maintenance, Rehabilitation, and Renovation*, McGraw–Hill. New York.
- ILO, 2006. *Petunjuk Dua Strategi Pengelolaan Organisasi Perusahaan*.
- Janti, S., 2014. Analisis Validitas Dan Reliabilitas Dengan Skala Likert Terhadap Pengembangan Si/Ti Dalam Penentuan Pengambilan Keputusan Penerapan Strategic Planning Pada Industri Garmen, *SNAST*, pp. 211–216.
- Jati, H., 2011. Quality Ranking of E-Government Websites – Quality Ranking of E-Government Websites – PROMETHEE II Approach, *Research Gate Publication*, Vol. 1(November 2011), PP. 1–7.
- Jiang, Y., Chen, Y., Younos, T., Huang, H., and He, J., 2010. Urban Water Resources Quota Management: The Core Strategy For Water Demand Management In China, *Ambio*, Vol. 39(7), pp. 467–475.
- Kallioras, A., Pliakas, F., Diamantis, I., and Kallergis, G., 2010. SWOT Analysis In Groundwater Resources Management Of Coastal Aquifers: A Case Study From Greece, *Water International*, Vol. 35(4), pp. 425–441.
- Karacasu, M., and Arslan, T., 2010. Electre Approach for modeling Public Decision making behavior on Transportation Project Selection Process.
- Karney, B., 2015. *Water Infrastructure : Water Infrastructure : Research Background*, Vol. April, Canadian Water Network
- Kementerian Pekerjaan Umum dan Perumahan Rakyat, 1994. *BIK PUSDATA PU*
- Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2013. *Standar Perencanaan Irigasi, Kriteria Perencanaan 02 - Bagian Bangunan Utama*.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2013. *Standar Perencanaan Irigasi, Kriteria Perencanaan 04 - Bagian Bangunan*.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2016. *Peraturan Menteri*

Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia Nomor 27/PRT/M/2016. Tentang Penyelenggaraan Sistem Penyediaan Air Minum. Lampiran III

Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2015. Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 04/PRT/M/2015. Kriteria dan Penetapan Wilayah Sungai.

Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2015. Peraturan Menteri Pekerjaan Umum Dan Perumahan Rakyat Republik Indonesia Nomor : 05/PRT/M/2015. Pedoman Umum Implementasi Konstruksi Berkelanjutan Pada Penyelenggaraan Infrastruktur Bidang Pekerjaan Umum Dan Permukiman.

Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2015. Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia Nomor :10/PRT/M/2015. Rencana Dan Rencana Teknis Tata Pengaturan Air dan Tata Pengairan

Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2016. Peraturan Menteri Pekerjaan Umum Dan Perumahan Rakyat Republik Indonesia Nomor 09/PRT/M/2016. Tata Cara Pelaksanaan Kerjasama Pemerintah Dan Badan Usaha Dalam Pemanfaatan Infrastruktur Sumber Daya Air Untuk Pembangunan Pembangkit Listrik Tenaga Air/Pembangkit Listrik Tenaga Minihidro/Pembangkit Listrik Tenaga Mikrohidro.

Kementerian Pekerjaan Umum dan Perumahan Rakyat, 2016. Peraturan Menteri Pekerjaan Umum Dan Perumahan Rakyat Republik indonesia Nomor 01/PRT/M/2016. Tata Cara Perizinan Pengusahaan Sumber Daya Air Dan Penggunaan Sumber Daya Air

Keyser, W. De, and Peeters, P., 1996. A Note On The Use of PROMETHEE Multicriteria Methods, *European Journal of Operational Research*, Vol. 89(3), pp. 457–461.

Khoa, D. D., 2015. Marketing Project For Chan Phuong Engineering, Thesis, Degree Programme in Business Management, Centria University Of Applied Sciences.

Kodoatie, R. J., dan Sjarief R., 2010. Tata Ruang Air. Penerbit Andi, Yogyakarta.

- Kodoatie, R. J., dan Sjarief, R., 2005. *Pengelolaan Sumber Daya Air Terpadu*. Andi. Yogyakarta.
- Kodoatie, R. J., dan Suripin, 2000. *Paradigma & Strategi Pengembangan Sumber Daya Air Dalam Rangka Menyongsong Era Otonomi Daerah*, Seminar Nasional “Paradigma Dan Strategi Pengembangan Sumber Daya Air Pada Abad 21”, Program Pasca Sarjana Magister Teknik Sipil Undip.
- Kodoatie, R. J., 2005. *Pengantar Manajemen Infrastruktur* (xviii + 452= 470 Halaman), Penerbit Pustaka Pelajar, Yogyakarta.
- Kodoatie, R. J., 2012. *Tata Ruang Air Tanah*. ISBN : 978-979-29-3250-8. xxvi + 514 = 540 Halaman, ISBN. Penerbit Andi, Yogyakarta.
- Lemantara, J., Setiawan, N. A., dan Aji, M. N., 2013. *Rancang Bangun Sistem Pendukung Keputusan Pemilihan Mahasiswa Berprestasi Menggunakan Metode AHP dan PROMETHEE*, *Jnteti*, Vol. 2(4), pp.20–28.
- Lipovetsky, S., 2007. *Thurstone Scaling In Order Statistics, Mathematical and Computer Modelling*, Vol. 45(7–8), pp. 917–926.
- Liu, J., Zhao, H. K., Li, Z. Bin, and Liu, S. F., 2017. *Decision Process In Mcdm With Large Number Of Criteria And Heterogeneous Risk Preferences*, *Operations Research Perspectives*, Vol. 4, pp. 106–112.
- Liu, T. T., McConkey, B. G., Ma, Z. Y., Liu, Z. G., Li, X., and Cheng, L. L., 2011. *Strengths, Weaknessness, Opportunities And Threats Analysis Of Bioenergy Production On Marginal Land*, In *Energy Procedia*, Vol. 5, pp. 2378–2386.
- Lo, M. C., and Tzeng, G. H., 2013. *Fuzzy Hybrid MCDM for Building Strategy Forces*, *Intelligent Systems Reference Library*, Vol. 43(1), pp. 375–392.
- Macharis, C., Brans, J. P., and Mareschal, B., 1998. *The GDSS PROMETHEE Procedure*, *Journal of Decision Systems*, Vol. 7(4), pp. 283–307.
- Machmud, S., and Sidharta, I., 2014. *Business Models For SMEs In Bandung: SWOT Analysis*, *Jurnal Ekonomi, Bisnis & Entrepreneurship*, Vol. 8(1), pp. 51–61, Retrieved from <http://jurnal.stiepas.ac.id/index.php/jebe/article/view/38>
- Mahmoodi, M., Chizari, M., Kalantari, K., and Eftekhari, A. R., 2014. *The Quantitative Strategic Planning Matrix Applied To Agri-Tourism: A Case Study in Coastal Province of Iran*, *International Journal of Business Tourism and Applied*

- Sciences, Vol. 2(2), pp. 75–82.
- Mainali, B., Ngo, H. H., Guo, W. S., Pham, T. T. N., Wang, X. C., and Johnston, A., 2011. SWOT Analysis To Assist Identification Of The Critical Factors For The Successful Implementation Of Water Reuse Schemes, Desalination and Water Treatment, Vol. 32(1–3), pp. 297–306.
- Mainardes, E.W., Ferreira, J., and Raposo, M.L., 2014. Strategy and Strategic Management Concepts: Are They Recognised by Management Students? *E+M Ekonomie a Management* Vol. 17, pp. 43–61. doi:10.15240/tul/001/2014-1-004
- Mardiasmo, 2004. *Akuntansi Sektor Publik*. Penerbit Andi. Yogyakarta
- Marlinda, L., dan Sulistianto, S., 2017. Sistem Recommender Program Studi FMIPA Menggunakan Metode Preference Ranking Organization For Enrichment Evaluation (PROMETHEE), *Prosiding Seminar Nasional Fisika (E-Journal) SNF2017*, Vol.VI, pp. 55–64.
- Martín-Collado, D., Díaz, C., Mäki-Tanila, A., Colinet, F., Duclos, D., Hiemstra, S. J., et al., 2013. The Use of SWOT Analysis To Explore And Prioritize Conservation And Development Strategies For Local Cattle Breeds, *Animal*, Vol. 7(6), pp. 885–894.
- Matahelumual, B. C., 2010. Kajian Kondisi Air Tanah Jakarta Tahun 2010, *Jurnal Lingkungan D*, Vol. 1(3), pp. 131–149, Retrieved from <http://jlbgeologi.esdm.go.id/index.php/jlbgeologi/article/view/11>
- Matias, N. G., 2010. Catchment Residents-Based SWOT Analysis Of A Reservoir Ecosystem For Sustainable Water Management: A Case Study From The Region Of Alentejo, Portugal, *Water Quality Research Journal of Canada*, Vol. 45(3), pp. 295–306
- McIntosh, B. S., Ascough, J. C., Twery, M., Chew, J., Elmahdi, A., Haase, D., et al., 2011. Environmental Decision Support Systems (Edss) Development - Challenges And Best Practices, *Environmental Modelling and Software*, Vol. 26(12), pp. 1389–1402.
- Meier, B. M., Kayser, G. L., Amjad, U. Q., and Bartram, J., 2013. Implementing An Evolving Human Right Through Water And Sanitation Policy. *Water Policy*, Vol. 15(1), pp. 116–133.

- Michailidis, A., Papadaki-Klavdianou, A., Apostolidou, I., Lorite, I. J., Pereira, F. A., Mirko, H., et al., 2015. Exploring Treated Wastewater Issues Related to Agriculture in Europe, Employing a Quantitative SWOT Analysis, *Procedia Economics and Finance*, Vol. 33(15), pp. 367–375.
- Mohammadi, J., Masoudian, A., and Kanani, M., 2015. Developing a Water Management Model for Esfahan Metropolis within the Framework of Green City Approach, *Mediterranean Journal of Social Sciences*, Vol. 6(6), pp. 532–541.
- Moleong, L. J., 1999. *Metode Penelitian Kualitatif*. Penerbit PT. Remaja Rosda Karya. Bandung.
- Mousavizadeh, S. R., Khorrami, S., and Bahreman, M., 2015. Presenting a Strategic Plan of Integrated Water Resources Management by using SWOT in Bushehr Province, *International Journal of Operations and Logistics Management*, Vol. 4(1), pp. 27–42, Retrieved from www.absronline.org/journals%0AInternational
- Nagara, G., Lam, W.-H., Lee, N. C. H., Othman, F., and Shaaban, M. G., 2015. Comparative SWOT Analysis for Water Solutions in Asia and Africa, *Water Resources Management*, Vol. 29(1), pp. 125–138.
- Natividade-Jesus, E., Coutinho-Rodrigues, J., and Antunes, C. H., 2007. A Multicriteria Decision Support System For Housing Evaluation, *Decision Support Systems*, Vol. 43(3), pp. 779–790, <https://doi.org/10.1016/j.dss.2006.03.014>
- Nickols, F., 2016. Strategy, Strategic Management, Strategic Planning, Strategic Thinking. pp. 1–9, Retrieved from http://www.nickols.us/strategy_etc.pdf
- Nul-Hakim, I. L., Permana, S., dan Farida, I. 2016. Analisis Aliran Air Melalui Bangunan Talang Pada Daerah Irigasi Walahir Kecamatan Bayongbong Kabupaten Garut. *Jurnal STT Garut*, Vol. 14(1), pp. 154–170.
- Oliveira, D. R. M. D. S., Nääs, I. D. A., and Barros, F. M. M., 2013. Prioritization of Research Proposals Using the Analytic Hierarchy Process – AHP, pp. 347–352, Retrieved from http://link.springer.com/chapter/10.1007/978-3-642-41263-9_43
http://link.springer.com.ezproxy.is.ed.ac.uk/content/pdf/10.1007/978-3-642-41263-9_43.pdf
- Olmos Giupponi, M. B., and Paz, M. C., 2015. The Implementation Of The Human

- Right To Water In Argentina And Colombia, *Anuario Mexicano de Derecho Internacional*, Vol. 15(1), pp. 323–352.
- Ololube, N. P., 2016. Education Fund Misappropriation and Mismanagement and the Provision of Quality Higher Education in Nigeria, *International Journal of Scientific Research in Education*, Vol. 9, pp. 333-349, Retrieved from <http://www.ij sre.com>
- Ommani, A. R., 2011. Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis For Farming System Businesses Management: Case of wheat farmers of Shadervan District, Shoushtar Township, Iran, *African Journal of Business Management*, Vol. 5(22), pp. 9448–9454, Retrieved from <http://www.academicjournals.org/AJBM%5Cnhttp://www.academicjournals.org/journal/AJBM/article-full-text-pdf/21F95E420498>
- Osita, I., Onyebuchi, I., and Nzekwe, J., 2014, Organization’s Stability And Productivity: The Role of SWOT Analysis An Acronym For Strength, Weakness, Opportunities And Threat, *International Journal of Innovative and Applied Research*, Vol. 2(9): pp. 23-32, Retrieved from <http://www.journalijiar.com>
- Othman, H., Asshaari, I., Bahaludin, H., Tawil, N. M., and Ismail, N. A., 2012, Student’s Perceptions on Benefits Gained from Cooperative Learning Experiences in Engineering Mathematics Courses. *Procedia - Social and Behavioral Sciences*, Vol. 60, pp. 500–506.
- Parwati, C. I., dan Wijayanti, I. R., 2013. Penentuan Faktor Internal Dan Eksternal Dalam Rangka Strategi Pemasaran Guna Meningkatkan Daya Saing, *Conference Proceedings*, pp. 53–63.
- Patel, R., and Patel, S., 2016. Water Losses in Canal Networking (Narmada Canal Section Near Gandhinagar-Ahmedabad), *International Journal of Science Technology & Engineering*, Vol. 2(7), pp. 186–189, ISSN (online): 2349-784X
- Pearce, J., and Robinson, R., 2002. *Strategic Management*, McGraw-Hill, Boston.
- Peng, Y., Zhang, Y., Kou, G., and Shi, Y., 2012. A Multicriteria Decision Making Approach For Estimating The Number Of Clusters In A Data Set, *PLoS ONE*, Vol. 7(7), <https://doi.org/10.1371/journal.pone.0041713>
- Pemerintah Republik Indonesia, 2015. *Peraturan Pemerintah Republik Indonesia Nomor*

122, Sistem Penyediaan Air Minum

- Pemerintah Republik Indonesia, 1974. Undang-Undang no 11, Pengairan
- Presiden Republik Indonesia, 2015. Peraturan Presiden Republik Indonesia Nomor 38, Kerjasama Pemerintah Dengan Badan Usaha Dalam Penyediaan Infrastruktur.
- Presiden Republik Indonesia, 2005. Peraturan Presiden RI No. 5, Rencana Pembangunan Jangka Menengah Nasional 2010-2014.
- Pesonen, H.-L., and Horn, S., 2014. Evaluating The Climate SWOT As A Tool For Defining Climate Strategies For Business, *Journal of Cleaner Production*, Vol. 64, pp. 562–571.
- Petousi, I., Fountoulakis, M., Papadaki, A., Sabathianakis, I., and Daskalakis, G., 2017. Assessment of Water Management measures through SWOT Analysis : The case of Crete Island, Greece. *International Journal of Environmental Science*, Vol. 2, pp. 59–62, ISSN: 2367-8941
- Plate, E.J., 1993. Sustainable Development Of Water Resources: A Challenge To Science And Engineering, *Water International*, Vol. 18, pp. 84–94. doi:10.1080/02508069308686154
- Pollack, G., Gierlinger, S., Haidvogel, G., and Winiwarter, V., 2016. Using And Abusing A Torrential Urban River: The Wien River Before And During Industrialization, *Water History*, Vol. 8(3), pp. 329–355.
- Potter, P.A., Perry, A.G., Stockert, P., and Hall, A., 2013. *Fundamentals of Nursing : Concepts, Progress and Practice*. 8th Edition. Publisher Mosby-Year Book.
- Prisanto, D. E., Yanuwadi, B., dan Soemarno, 2015. Studi Pengelolaan IPAL (Instalasi Pengolahan Air Limbah) Domestik Komunal di Kota Blitar, Jawa Timur, Vol. 6(1), pp. 74–80.
- Putra, Z. F. S., Sholeh, M., dan Widyastuti, N., 2014. Analisis Kualitas Layanan Website BTKP-DIY Menggunakan Metode Webqual 4.0, *Jurnal JARKOM*, Vol. 1(2), pp. 174–184.
- Rahadi, D. R., 2014. Pengukuran Usability Sistem Menggunakan Use Questionnaire Pada Aplikasi Android, *Jurnal Sistem Informasi*, Vol. 6(1), pp. 661.
- Rahardjo, J., Stok, R. E., dan Yustina, R., 2000. Penerapan Multi-Criteria Decision Making Dalam. *Jurnal Teknik Industri*, Vol. 2, pp. 1–12.

- Rangkuti, F., 1998. Analisis SWOT Teknik Membedah Kasus Bisnis (Cet.3) Gramedia Pustaka Utama, Jakarta.
- Rehak, D., and Grasseova, M., 2011. The Ways of Assessing the Security of Organization Information Systems through SWOT Analysis. <https://doi.org/DOI: 10.4018/978-1-61350-311-9.ch007>
- Rezazadeh, S., Jahani, A., Makhdoum, M., and Meigooni, H. G., 2017. Evaluation of the Strategic Factors of the Management of Protected Areas Using SWOT Analysis—Case Study: Bashgol Protected Area-Qazvin Province, *Open Journal of Ecology*, Vol. 7(1), pp. 55–68.
- Roobahani, A., Zahraie, B., and Tabesh, M., 2012. PROMETHEE with Precedence Order in the Criteria (PPOC) as a New Group Decision Making Aid: An Application in Urban Water Supply Management, *Water Resources Management*, Vol. 26(12), pp. 3581–3599
- Rumanti, A. A., and Syauta, K. J., 2013. Determining Strategies Based on Strategic Position Analysis in Small and Medium Enterprises. *International Journal of Information and Education Technology*, Vol. 3(4), pp. 442–447.
- Saaty, T. L., 1995. Transport planning with multiple criteria: the analytic hierarchy process applications and progress review, *Journal of Advanced Transportation*, Vol. 29(1), pp. 81–126.
- Saghaei, M., Fazayeli, L., and Shojaee, M. R., 2012. Strategic Planning For A Lubricant Manufacturing Company Using SWOT Analysis, QSPM model (one of the Top companies of Iranian Oil, Gas and Petrochemical Products Exporters' Association), *Australian Journal of Business and Management Research*, Vol. 1(10), pp. 18–24.
- Samidjo, J., 2014. Pengelolaan Sumber Daya Air, *Jurnal Majalah Ilmiah Pawiyatan*, Vol. 1(21), pp. 43.
- Sappaile, B. I., 2007. Pembobotan Butir Pernyataan Dalam Bentuk Skala Likert Dengan Pendekatan Distribusi Z, *Jurnal Pendidikan Dan Kebudayaan*, Vol. 13(64), pp. 1–8.
- Sari, I. K., Limantara M. L., dan Priyantoro, D., 2012. Analisa Ketersediaan Dan Kebutuhan Air Pada DAS Sampean, *Jurnal Jurusan Pengairan*, Universitas Brawijaya, Malang

- Semih, T., and Seyhan, S., 2011. A Multi Criteria Factor Evaluation Model For Gas Station Site Selection, *Journal of Global Management*, Vol. 2, pp. 12-21
- Setiawati, R., 2011. Faktor-Faktor Yang Mempengaruhi Struktur Modal (Survey Pada Perusahaan Sanitaer Di Kota Jambi), *Manajemen Keuangan Dan Portofolio*, Vol. 1(1), pp. 1–17.
- Setyorini, H., Effendi, M., dan Santoso, I., 2016. Analisis Strategi Pemasaran Menggunakan Metode Quantitative Strategic Planning Matrix (QSPM) (Studi Kasus Di Restoran Waroeng Steak And Shake Cabang Soekarno Hatta Malang), *Jurnal Teknologi Dan Manajemen Agroindustri*, Vol. 5(1), pp. 46–53.
- Sharma, S. K., Kansal, M. L., and Tyagi, A., 2015. Resource Assessment And Strategic Planning For Improvement Of Water Supply To Shimla City In India Using Geo-Spatial Techniques, *Egyptian Journal of Remote Sensing and Space Science*, Vol. 18(1), pp. 85–97.
- Shiehbeiki, S., Abbaspour, M., Monavari, S. M., Arjmandi, R., and Lahijanian, A., 2014. Public Participation Role In Sustainable Urban Management By Quantitative Strategic Planning Matrix (QSPM), *International Journal of Environmental Research*, Vol. 8(4), pp. 1309–1314.
- Shojaei, M. R., Taheri, N. S., and Mighani, M. A., 2010. Strategic Planning For A Food Industry Equipment Manufacturing Factory, Using SWOT Analysis, QSPM, and MAUT Models, pp. 759–771, ISSN 2229 – 3795.
- Silva, V. B. S., Morais, D. C., and Almeida, A. T., 2010. A Multicriteria Group Decision Model to Support Watershed Committees in Brazil., *Water Resources Management*, Vol. 24(14), pp. 4075–4091.
- Srdjevic, Z., Bajcetic, R., and Srdjevic, B., 2012. Identifying the Criteria Set for Multicriteria Decision Making Based on SWOT/PESTLE Analysis: A Case Study of Reconstructing A Water Intake Structure, *Water Resources Management*, Vol. 26(12), pp. 3379–3393.
- Stone, D. C., 1974. Professional Education in Public Works/Environmental Engineering and Administration. A Handbook for Establishing University Centers and Programs.
- Sugiyono. P., 2005. Memahami Penelitian Kualitatif, Penerbit Alfabeta, Bandung

- Sugiyono, P., 2012. *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. Cetakan Ke-15, Penerbit Alfabeta: Bandung.
- Susanti, 2014. Dampak Pemekaran Wilayah terhadap Kesejahteraan di Kabupaten Lampung Utara, *Jurnal Ekonomi Pembangunan*, Vol. 3, pp. 249–268.
- Syofian, S., Setiyaningsih, T., dan Syamsiah, N., 2015. Otomatisasi Metode Penelitian Skala Likert Berbasis Web, Vol. November, pp. 1–8.
- Tehrani, M. M. E., 2017. Analyzing Strategic Factors Associated with Issuance of Environmental Liability Insurance Policy in Developing Countries using SWOT and QSPM, *International Journal of Environmental Science and Development*, Vol. 8(5), pp. 359–365.
- The PLoS Medicine, 2009. Clean Water Should Be Recognized as a Human Right, Vol. 6(6), pp. e1000102., <https://doi.org/10.1371/journal.pmed.1000102>
- Thompson, A.A. and Strickland, A.J., 1995. *Strategic management: Concepts and cases*. 8th ed. Homewood/Illinois: Irwin. ISBN 00-7231-499-0
- Torrise, G., 2009a. Infrastructures And Economic Performance: A Critical Comparison Across Four Approaches, *Theoretical and Practical Research in Economic Fields*, Vol. 1(39944), pp. 86, Newcastle University, CURDS
- Torrise, G., 2009b. Public Infrastructure: Definition, Classification And Measurement Issues, *Economics, Management and Financial Markets*, Vol. 4(3), pp. 100, Retrieved from https://mpra.ub.uni-muenchen.de/12990/1/MPRA_paper_12990.pdf
- Tortajada, C., and Biswas, A. K., 2017. Water As A Human Right, *International Journal of Water Resources Development*, Vol. 33(4), pp. 509–511.
- Triana, D. D., 2006. Skala Pengukuran sebagai Alat Evaluasi dalam Menilai Tari Karya Mahasiswa, Vol. VII(3).
- Tripomo, 2005. *Strategi Manajemen*, Ed. 1, Penerbit Banyumedia Publishing, Malang.
- Troch, F., Vanelslander, T., Belboom, S., Léonard, A., Limbourg, S., Merchan Arribas, A., et al., 2015. BRAIN TRAINS: Intermodal Rail Freight Transport And Hinterland Connections A Swot Analysis To Assess The Belgian Rail Practice, Retrieved from <http://hdl.handle.net/2268/184376>
- Trojan, F., and Morais, D. C., 2015. Maintenance Management Decision Model For

- Reduction Of Losses In Water Distribution Networks, *Water Resources Management*, Vol. 29(10), pp. 3459–3479.
- Tuhovčák, L., Tauš, M., and Kučera, T., 2014. The Assessment Of The Technical Condition Of The Water Distribution Systems, *Procedia Engineering*, Vol. 89, pp. 1420–1427.
- Turban, E., Aronson, J. E., and Liang, T. P., 2001. *Decision Support System and Intelligent System (6th Editio)*, Upper Saddle River: Prentice-Hall.
- Uhlaner, L. M., 2002. The Use of the Guttman Scale in Development of a Family Business Index. *Scales Scientific Analysis of Entrepreneurship and SMEs, Research*, pp. 1–28.
- Usman, H., dan Akbar, P. S., 2006. *Pengantar Statistika*, Jakarta: PT. Bumi Aksara.
- Valiollarabieifar, Omosalamehbabaefini, Mostafamovasati, Sajjadesanatimonfared, and Mortazamoradi, 2014. Stability Monitoring Of The Social Structure Of Urban Housing, With Using SWOT QSPM technique, *Scholars Journal of Arts, Humanities and Social Sciences*, Vol. 2, pp. 362–371
- Vishal, S., Mohamed, A.-H., Hassan, S., and Ahmed, B., 2008. Municipal Infrastructure Asset Levels of Service Assessment for Investment Decisions Using Analytic Hierarchy Process, *Journal of Infrastructure Systems*, Vol. 14(3), pp. 193–200.
- Vörösmarty, C. J., McIntyre, P. B., Gessner, M. O., Dudgeon, D., Prusevich, A., Green, P., et al., 2010. Global Threats To Human Water Security And River Biodiversity. *Nature*, Vol. 468(7321), pp. 334–334.
- Vulević, T., and Dragović, N., 2017. Multi-Criteria Decision Analysis For Sub-Watersheds Ranking Via The PROMETHEE Method, *International Soil and Water Conservation Research*, Vol. 5(1), pp. 50–55.
- Wahyuningsih, T., 2016. The Development Strategy of Main Commodities of Rice in Buru District, Maluku, *World Journal of Agricultural Research*, Vol. 4(1), pp. 9–17.
- Wati, N., Siswoyo, B., and Wardana, L., 2016. Development Strategy of Mangrove Conservation And Ecotourism Beejay Bakau Resort, *IOSR Journal of Business and Management*, Vol. 18(5), pp. 116–122, <https://doi.org/10.9790/487X-180501116122>

- Whalley, A., 2010. Strategic Marketing, Retrieved from <http://bookboon.com/en/strategic-marketing-ebook>
- Widhiarso, W., 2011. Aplikasi Teori Respon Butir untuk Menguji Invariansi Pengukuran Psikologi untuk Keperluan Survei dan Seleksi Pekerjaan, Psikobuana, Vol. 3(2), pp. 103–117.
- Widiyanti, N. M. N. Z., 2016. Kinerja Usahatani dan Motivasi Petani dalam Penerapan Inovasi Varietas Jagung Hibrida pada Lahan Kering di Kabupaten Lombok Timur. Jurnal Penyuluhan Pertanian, Institut Pertanian Bogor.
- Widodo, P. B., 2006. Reliabilitas Dan Validitas Konstruk Skala Konsep Diri Untuk Mahasiswa Indonesia, Jurnal Psikologi Universitas Diponegoro, Vol. 3(1), pp. 1–9.
- Wijayanto, D., 2016. Fisheries Development Strategies of Biak Numfor Regency, Indonesia, Aquatic Procedia, Vol. 7, pp. 28–38.
- Widyosiswoyo, Supartono, Nizamuddin, H., Soewandi, H., 1991. Ilmu Alamiyah Dasar. Penerbit Ghalia Indonesia, ISBN 979-421-128-7, Jakarta Timur.
- Windiyani, T., 2012. Instrumen Untuk Menjaring Data Interval. Nominal, Ordinal Dan Data Tentang Kondisi, Keadaan, Hal Tertentu Dan Data Untuk Menjaring Variabel Kepribadian, Jurnal Pendidikan Dasar, Vol. 3(5), pp. 203-208, ISSN 2086-7433
- Wulandari, W., dan Tarigan, A. P. M., 2013. Analisis Kebutuhan Air Dan Bangunan Kantong Lumpur Di Daerah Irigasi Paya Sordang Kabupaten Tapanuli Selatan. Jurnal Teknik Sipil USU, Vol. 2(2).
- Yavuz, F., and Baycan, T., 2013. Use of Swot and Analytic Hierarchy Process Integration as a Participatory Decision Making Tool in Watershed Management. Procedia Technology, Vol. 8(Haicta), pp. 134–143.
- Yayla, N., and Karacasu, M., 2011. A Decision Support Model To Incorporate Public And Expert Opinions For Assessing The Privatization Of Public Bus Transit System: Application of ELECTRE For The Bus System in Eskisehir, Turkey, Turkey. Scientific Research and Essays, Vol. 6(21), pp. 4657–4664
- Yousefi, P., Shabani, S., Mohammadi, H., and Naser, G., 2017. Gene Expression Programing in Long Term Water Demand Forecasts Using Wavelet

Decomposition, *Procedia Engineering*, Vol. 186, pp. 544–550.

Yudo, S., 2010. Kondisi Kualitas Air Sungai Ciliwung Di Wilayah DKI Jakarta Ditinjau Dari Paramater Organik, Amoniak, Fosfat, Deterjen Dan Bakteri Coli, Vol. 6(1).

Zhang, Y., and Feng, L., 2010. CropIrri : CropIrri : A Decision Support System for Crop Irrigation Management, Vol. 1, pp. 90–97, <https://doi.org/10.1007/978-3-642-12220-0>.