

## DAFTAR PUSTAKA

- Amaratunga, D., dan Baldry, D., 2002. Performance measurement in facilities management and its relationships with management theory and motivation, *Facilities, Volume 20, No. 10, Emerald*, hal.327-336.
- Al-Sharrah, G., 2010. Ranking using the copeland score: A comparison with the hasse diagram. *Journal of Chemical Information and Modeling*, 50(5), hal.785–791.
- Bai, H. dan Zhan, Z., 2011. An IT Project selection method based on fuzzy analytic network process. *2011 International Conference on System science, Engineering design and Manufacturing informatization*, 2, hal.275–279.
- Bakshi, T., Sinharay, A. dan Sarkar, B., 2011. Exploratory Analysis of Project Selection through MCDM. In *ICOQM-10*. hal. 128–133.
- Bent, J.A., 2008. *Project Control: Scope Recognition, in Project Management Handbook* Second Edi., Hoboken, NJ, USA: John Wiley & Sons, Inc.
- Bernroider, E.W.N., Obwegeser, N. dan Stix, V., 2014. Dissemination and impact of multi-criteria decision support methods for IT project evaluation. *Proceedings of the Annual Hawaii International Conference on System Sciences*, hal.1103–1112.
- Brândaş, C., 2007. *Contributions to Conception , Design and Development of Decision Support Systems Phd Candidate : Babeş - Bolyai*.
- Büyükoçkan, G. dan Görener, A., 2014. Evaluation of product development partners using an integrated AHP-VIKOR mode. *Kybernetes*, 43(8), hal.1209–1223.
- Challa, J.S., Paul, A., Dada, Y., Nerella, V., Srivastava, P.R. dan Singh, A.P., 2011. Integrated Software Quality Evaluation: A Fuzzy Multi-Criteria Approach. *Journal of Information Processing Systems*, 7(3), hal.473–518. Available at: <http://koreascience.or.kr/journal/view.jsp?kj=E1JBB0&py=2011&vnc=v7n3&sp=473>.
- Chang, Y.-F. dan Ishii, H., 2013. Fuzzy Multiple Criteria Decision Making Approach to Assess the Project Quality Management in Project. *Procedia Computer Science*, 22, hal.928–936. Available at: <http://www.sciencedirect.com/science/article/pii/S1877050913009691>.
- Cheng, S.K., 2000. *Development of a Fuzzy Multi-Criteria Decision Support System for Municipal Solid Waste Management .’ A Thesis*. University of Regina.
- Cocca P., dan Alberti M., 2010. A Framework to Assess Performance Measurement Systems in SMEs. *International Journal of Productivity and Performance Management* 59 (2):186-200.
- Cooper, R., Donald, dan Emory, William, C., 1996. *Metode Penelitian Bisnis*, (Fifth), jilid 1, Erlangga, Jakarta.

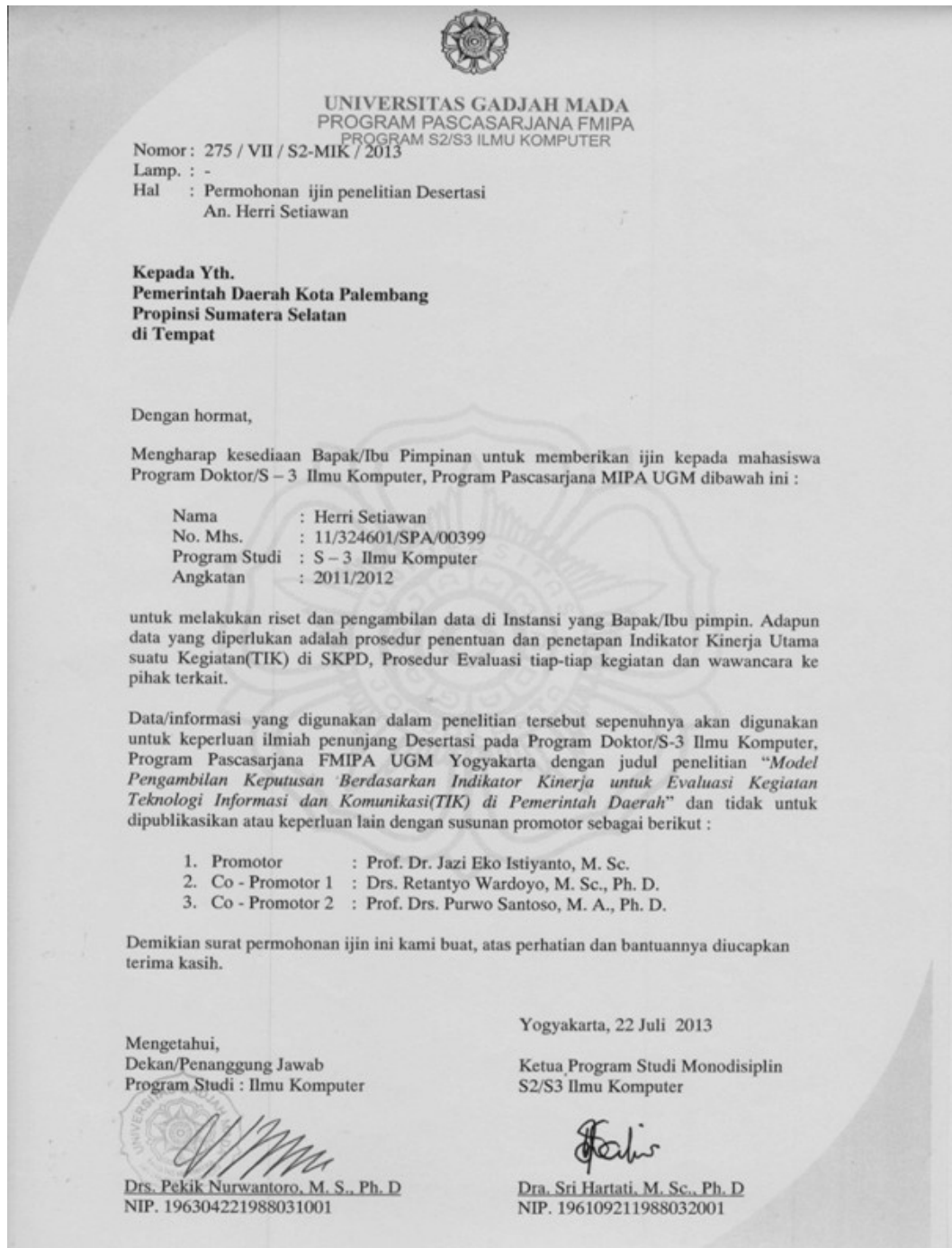
- Daellenbach, H.G., dan McNickle, D.C., 2005. *Management Science: Decision Making through Systems Thinking*, Palgrave MacMillan, New York.
- Direktorat Sistem dan Pelaporan Evaluasi Kinerja Pembangunan, 2014. *Kajian Terhadap Pelaksanaan Evaluasi Pembangunan*, Jakarta.
- Engert, P.A. dan Lansdowne, Z.F., 1999. *Risk Matrix User 's Guide*, Bedford, Massachusetts.
- Ermatita, 2013. *Model Berbasis Electre-Entropy Pada Group Decision Support System (GDSS) Untuk Menentukan Abnormalitas Gen Pada Kanker*. Universitas Gadjah Mada.
- Ermatita, Hartati, S., Wardoyo, R. dan Harjoko, A., 2013. Development of Copeland Score Methods for Determine Group Decisions. *International Journal of Advanced Computer Science and Applications*, 4(6), hal.240–242.
- Faliszewski, P., Hemaspaandra, E., Hemaspaandra, L.A. dan Rothe, J., 2008. Copeland Voting Fully Resists Constructive Control. In and J. van L. Gerhard Goos, Juris Hartmanis, ed. *Algorithmic Aspects in Information and Management*. China,: Springer Berlin Heidelberg NewYork, hal. 165–176. Available at: [http://www.math.tau.ac.il/~mansour/course\\_games/nash-load.pdf](http://www.math.tau.ac.il/~mansour/course_games/nash-load.pdf).
- Faliszewski, P., Hemaspaandra, E. dan Schnoor, H., 2010. Manipulation of Copeland Elections. *Aamas-10*, 0, hal.367–374.
- Fauziah, B., Norida, M.D., Haslina, M., Maznah, M.K., Zaharin, M.@ M. dan Norita, M.N., 2011. Constructing a Standardized Multi-Criteria Tender Evaluation for IT Projects using Balanced Scorecard. *Information Society (i-Society)*, 2011 International Conference, hal.176–179.
- Favardin, P., Lepelley, D. dan Serais, J., 2002. Borda rule, Copeland method and strategic manipulation. *Review of Economic Design*, 7(2), hal.213–228.
- French, S., Rios Insua, D. dan Ruggeri, F., 2007. e -Participation and Decision Analysis. *Decision Analysis*, 4(4), hal.211–226. Available at: <http://pubsonline.informs.org/doi/abs/10.1287/deca.1070.0098>.
- Gavish, B. dan Gerdes, J.H., 1997. Voting mechanisms and their implications in a GDSS environment. *Annals of Operations Research*, 71, hal.41–74.
- Hwang, C.L. dan Lin, M.-J., 1987. *Group Decision Making under Multiple Criteria: Method and Applications*, Springer-Verlag.
- Indrajit, R.E., 2012. PMBOK dan IPM: Panduan Standar Mengelola Proyek Teknologi Informasi. *Seri 999 E-Artikel Sistem dan Teknologi Informasi*, (C).
- Ismaili, H., 2013. *Multi-Criteria Decision Support for Strategic Program Prioritization at Defence Research and Development Canada*. University of Ottawa.
- Kazemi, S.M., Kazemi, S.M.M. dan Bahri, M., 2011. Six Sigma project selections by using a Multi Criteria Decision making approach: a Case study in Poly Acryl Corp. In *Proceedings of the 41st International Conference on Computers & Industrial Engineering*. hal. 502–507.
- Kedeputan Evaluasi Kinerja Pembangunan Badan Perencanaan Pembangunan Nasional, 2009. *Pedoman Evaluasi Kinerja Pembangunan Sektor*, Jakarta.
- Kiliç, M. dan Kaya, İ., 2015. Investment project evaluation by a decision making


- methodology based on type-2 fuzzy sets. *Applied Soft Computing*, 27, hal.399–410. Available at: <http://www.sciencedirect.com/science/article/pii/S1568494614005900>.
- Klamler, C., 2005. On the closeness aspect of three voting rules: Borda - Copeland - Maximin. *Group Decision and Negotiation*, 14(3), hal.233–240.
- Kusumadewi, S., Hartati, S., Harjoko, A. dan Wardoyo, R., 2006. *Fuzzy Multi Attribute Decision Making (Fuzzy MADM) First.*, Yogyakarta: Graha Ilmu.
- Laise, D., 2004. Benchmarking and learning organizations: ranking methods to identify “best in class.” *Benchmarking: An International Journal*, 11(6), hal.621–630.
- Lembaga Administrasi Negara Republik Indonesia, 2003. *Pedoman Penyusunan Pelaporan Akuntabilitas Kinerja Instansi Pemerintah*,
- Linzalone, R. dan Schiuma, G., 2015. A review of program and project evaluation models For Authors A Review of Program and Project Evaluation Models. *Measuring Business Excellence*, 19(3), hal.90–99. Available at: <http://dx.doi.org/10.1108/MBE-04-2015-0024>.
- Lv, Z., Huang, T., Zheng, L. dan Liang, Y., 2013. A Consensus Model for Multiple Attribute Group Decision Making Problems Based on Interval Fuzzy Number. *2013 IEEE International Conference on Systems, Man, and Cybernetics*, hal.2991–2996. Available at: <http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=6722263>.
- Manisha, W., Professor, A., Sawant, S.B. dan Jamsandekar, P.P., 2014. Computer Science and Management Studies Sensitivity Analysis and Decision making using Excel tool. *International Journal of Advance Research in*, 2(12), hal.419–423.
- Marimin, dan Maghfiroh, N., 2010. *Aplikasi Teknik Pengambilan Keputusan Dalam Manajemen Rantai Pasok*, PT Penerbit IPB Press, Bogor.
- McLeod, R., dan Schell, G. P., 2007. *Management information systems*. Upper Saddle
- Menteri Pendayagunaan Aparatur Negara Dan Reformasi Birokrasi, 2015. *Pedoman Evaluasi Atas Sistem Akuntabilitas Kinerja Instansi Pemerintah*,
- Nurmi, H., 2010. Voting Systems for Social Choice. *Handbook of Group Decision and Negotiation*, 4, hal.167–182. Available at: [http://link.springer.com/chapter/10.1007/978-90-481-9097-3\\_11](http://link.springer.com/chapter/10.1007/978-90-481-9097-3_11).
- Olsen EO, Zhou H, Lee DMS, dan Padunchwit P., 2007. Performance Measurement System and Relationships with Performance Results. *International Journal*
- O’Brien, J. a. dan Marakas, G.M., 2011. *Management Information System* 10th Editi. B. Gordon & P. Ducham, ed., New York, NY, 10020: The McGraw-Hill Companies, Inc.
- Oxford Advanced Learner’s Dictionary.*, 2008. Fourth Edition, Oxford: Oxford University Press.
- Pocatilu, P., 2007. IT Project Management Metrics. *Revista Informatica Economică*, 4(4), hal.122–125.
- Project Management Institute, 2008. *Guide To The Project Management Body Of Knowledge (PMBOK ® GUIDE)* Fourth., Pennsylvania, USA: Project

- Management Institute, Inc.
- Rabbani, A., Zamani, M., Yazdani-Chamzini, A. dan Zavadskas, E.K., 2014. Proposing a new integrated model based on sustainability balanced scorecard (SBSC) and MCDM approaches by using linguistic variables for the performance evaluation of oil producing companies. *Expert Systems with Applications*, 41(16), hal.7316–7327. Available at: <http://dx.doi.org/10.1016/j.eswa.2014.05.023>.
- Ramdhani, M. A., dan Suryadi, K., 2003. Sistem pendukung keputusan. *PT. Remaja Rosdakarya*.
- Ramezani, F. dan Lu, J., 2014. Article information: *Journal of Enterprise Information Management*, 27(3), hal.278–291.
- Rodriguez, A., Ortega, F. dan Concepcion, R., 2016. A method for the evaluation of risk in IT projects. *Expert Systems with Applications*, 45, hal.273–285.
- Saaty, T. L., 1990. How to make a decision: The Analytic Hierarchy Process. *European journal of operational research*, 48 (1990) 9-26 North-Holland.
- Saltelli, A., Ratto, M., Tarantola, S. dan Campolongo, F., 2004. *Sensitivity analysis practice: A guide to scientific models*,
- Sangkala dan Hamsina, 2014. *Model Evaluasi Kinerja Organisasi pada Satuan Kerja Perangkat Daerah (SKPD) Pemerintah Kota Makassar, Provinsi Sulawesi Selatan*,
- Setiawan, H., Istiyanto, J.E., Wardoyo, R. dan Santoso, P., 2015. The Use of KPI In Group Decision Support Model of ICT Projects Performance Evaluation. In *International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2015)*. Palembang, hal. 19–20.
- Shih, H.S., Shyur, H.J. dan Lee, E.S., 2007. An extension of TOPSIS for group decision making. *Mathematical and Computer Modelling*, 45(7–8), hal.801–813.
- Sojda, R.S., 2007. Empirical evaluation of decision support systems: Needs, definitions, potential methods, and an example pertaining to waterfowl management. *Environmental Modelling and Software*, 22(2), hal.269–277.
- Tangen S., 2004. Performance Measurement : From Philosophy to Practice. *International Journal of Productivity and Performance Management* 53 (8) :
- Tavana, M., Lopinto, F. dan Smither, J.W., 2007. A Hybrid Distance-Based Ideal-Seeking Consensus Ranking Model. *Applied Mathematics and Decision Sciences*, 2007, hal.18.
- Taylan, O., Bafail, A.O., Abdulaal, R.M.S. dan Kabli, M.R., 2014. Construction projects selection and risk assessment by fuzzy AHP and fuzzy TOPSIS methodologies. *Applied Soft Computing Journal*, 17, hal.105–116. Available at: <http://dx.doi.org/10.1016/j.asoc.2014.01.003>.
- Turban, E., dan Aronson, Jay E., 2001. *Decision Support Systems and Intelligent Systems*. 6th edition. Prentice Hall: Upper Saddle River, NJ.
- Turban, E., Sharda, R., dan Delen, D., 2011. *Decision support and business intelligence systems*. Boston: Prentice Hall.
- Turban, E., Aronson, E.J., dan Liang, T.-P. , 2005. *Decision Support System and Intelligent System*, 7<sup>th</sup> ed., Prentice- Hall, New Jearse.
- Tundjungsari, V., 2012. *Model Pengambilan Keputusan Partisipatoris Untuk E-*

- Participation Dengan Pendekatan Sociotechnical (Studi Kasus: Musrenbang)*. Universitas Gadjah Mada.
- UNDP, 2009. *Handbook on Planning , Monitoring and Evaluating*, NewYork,NY: United Nations Development Programme.
- Walikota Palembang, 2013. *LAKIP Kota Palembang*, Palembang.
- Wibowo, S. dan Deng, H., 2015. Multi-criteria group decision making for evaluating the performance of e-waste recycling programs under uncertainty. *Waste Management*, 40, hal.127–135. Available at: <http://dx.doi.org/10.1016/j.wasman.2015.02.035>.
- Widhiarso, W., 2016. *Disertasi Model Group Advanced Information Economics ( G-AIE ) : Evaluasi Kelayakan Investasi Proyek Teknologi Informasi*. Universitas Gadjah Mada.
- Zadeh, L.A., 1975. The Concept of Linguistic Variable and ITs Application to Approximate Reasoning-II. In *Information Sciences*. hal. 301–357.
- Žak, J. dan Kruszyński, M., 2015. Application of AHP and ELECTRE III/IV Methods to Multiple Level, Multiple Criteria Evaluation of Urban Transportation Projects. *Transportation Research Procedia*, 10(July), hal.820–830. Available at: <http://www.sciencedirect.com/science/article/pii/S2352146515002227>.
- Zimmermann, H.J., 1999. *Fuzzy Set Theory and its applications*, Kluwer Academic, Dordrecht.

## LAMPIRAN A - SURAT PENELITIAN DAN TANGGAPAN



  
**UNIVERSITAS GADJAH MADA**  
PROGRAM PASCASARJANA FMIPA  
PROGRAM S2/S3 ILMU KOMPUTER

Nomor: 275 / VII / S2-MIK / 2013  
Lamp. : -  
Hal : Permohonan ijin penelitian Desertasi  
An. Herri Setiawan

**Kepada Yth.**  
**Pemerintah Daerah Kota Palembang**  
**Propinsi Sumatera Selatan**  
**di Tempat**

Dengan hormat,

Mengharap kesediaan Bapak/Ibu Pimpinan untuk memberikan ijin kepada mahasiswa Program Doktor/S – 3 Ilmu Komputer, Program Pascasarjana MIPA UGM dibawah ini :

Nama : Herri Setiawan  
No. Mhs. : 11/324601/SPA/00399  
Program Studi : S – 3 Ilmu Komputer  
Angkatan : 2011/2012

untuk melakukan riset dan pengambilan data di Instansi yang Bapak/Ibu pimpin. Adapun data yang diperlukan adalah prosedur penentuan dan penetapan Indikator Kinerja Utama suatu Kegiatan(TIK) di SKPD, Prosedur Evaluasi tiap-tiap kegiatan dan wawancara ke pihak terkait.

Data/informasi yang digunakan dalam penelitian tersebut sepenuhnya akan digunakan untuk keperluan ilmiah penunjang Desertasi pada Program Doktor/S-3 Ilmu Komputer, Program Pascasarjana FMIPA UGM Yogyakarta dengan judul penelitian "*Model Pengambilan Keputusan Berdasarkan Indikator Kinerja untuk Evaluasi Kegiatan Teknologi Informasi dan Komunikasi(TIK) di Pemerintah Daerah*" dan tidak untuk dipublikasikan atau keperluan lain dengan susunan promotor sebagai berikut :

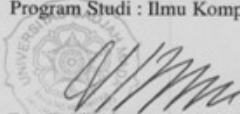
1. Promotor : Prof. Dr. Jazi Eko Istiyanto, M. Sc.
2. Co - Promotor 1 : Drs. Retantyo Wardoyo, M. Sc., Ph. D.
3. Co - Promotor 2 : Prof. Drs. Purwo Santoso, M. A., Ph. D.

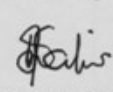
Demikian surat permohonan ijin ini kami buat, atas perhatian dan bantuannya diucapkan terima kasih.

Yogyakarta, 22 Juli 2013

Mengetahui,  
Dekan/Penanggung Jawab  
Program Studi : Ilmu Komputer

Ketua Program Studi Monodisiplin  
S2/S3 Ilmu Komputer

  
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Gambar A.1 Surat Permohonan Penelitian