

REFERENCES

- Abba, W., Niel, F., 2010. Integrating technical performance measurement with earned value management. *Meas. News* 4, 6–8.
- Al-Ahmad, W., Al-Fagih, K., Khanfar, K., Alsamara, K., Abuleil, S., Abu-Salem, H., 2009. A taxonomy of an IT project failure: Root Causes. *Int. Manag. Rev.* 5, 93.
- Aliverdi, R., Naeni, L.M., Salehipour, A., 2013. Monitoring project duration and cost in a construction project by applying statistical quality control charts. *Int. J. Proj. Manag.* 31, 411–423.
- Al-Jibouri, S.H., 2003. Monitoring systems and their effectiveness for project cost control in construction. *Int. J. Proj. Manag.* 21, 145–154.
- Anbari, F.T., 2003. Earned value project management method and extensions. *Proj. Manag. J.* 34, 12–23.
- Angilella, S., Greco, S., Lamantia, F., Matarazzo, B., 2004. Assessing non-additive utility for multicriteria decision aid. *Eur. J. Oper. Res.* 158, 734–744.
- Arrey, O.B., 2015. Breaking the Bottleneck of Owning in Business. *Glob. J. Manag. Bus. Res.* 15.
- Banuelas Coronado, R., Antony, J., 2002. Critical success factors for the successful implementation of six sigma projects in organisations. *TQM Mag.* 14, 92–99.
- Barker, T.J., Zabinsky, Z.B., 2011. A multicriteria decision making model for reverse logistics using analytical hierarchy process. *Omega* 39, 558–573.
- Blanco, V., 2003. Earned value management: a predictive analysis tool. *Navy Supply Corps Newsl.* 66, 24–27.
- Brito, T.B., Silva, R.C. dos S., Botter, R.C., Pereira, N.N., Medina, A.C., 2010. Discrete event simulation combined with multi-criteria decision analysis applied to steel plant logistics system planning, in: *Proceedings of the Winter Simulation Conference*. Winter Simulation Conference, pp. 2126–2137.
- Brookes, N., Clark, R., 2009. Using maturity models to improve project management practice, in: *POMS 20th Annual Conference*, Florida USA.
- Burke, R., 2013. *Project management: planning and control techniques*. New Jersey, USA.
- Chakraborty, S., Yeh, C.-H., 2007. A simulation based comparative study of normalization procedures in multiattribute decision making, in: *Proceedings of the 6th Conference on 6th WSEAS Int. Conf. on Artificial Intelligence, Knowledge Engineering and Data Bases*. Citeseer, pp. 102–109.
- Chatzimouratidis, A.I., Pilavachi, P.A., 2009. Technological, economic and sustainability evaluation of power plants using the Analytic Hierarchy Process. *Energy Policy* 37, 778–787.
- Chiacchio, M., 2011. Early impact assessment for sustainable development of enabling technologies. *Total Qual. Manag. Excell.* 39, 1–6.

- Cho, K.T., 2003. Multicriteria decision methods: an attempt to evaluate and unify. *Math. Comput. Model.* 37, 1099–1119.
- Crawford, J., 2002. Project management maturity model; providing a proven path to project management excellence (Vol. 4). New York: CRC Press.
- Crawford, J.K., 2015. Project Management Maturity Model.–. Boca Raton, FL: Auerbach.
- Dağdeviren, M., 2008. Decision making in equipment selection: an integrated approach with AHP and PROMETHEE. *J. Intell. Manuf.* 19, 397–406.
- Das, M., 2012. Social Customer Relationship Management: Proposal for SCRM for an IT Services Company.
- De Brucker, K., Macharis, C., Verbeke, A., 2013. Multi-criteria analysis and the resolution of sustainable development dilemmas: A stakeholder management approach. *Eur. J. Oper. Res.* 224, 122–131.
- Dinsmore, P.C., 1999. Winning in business with enterprise project management. AMACOM Div American Mgmt Assn.
- Eastham, J., Tucker, D.J., Varma, S., Sutton, S.M., 2014. PLM software selection model for project management using hierarchical decision modeling with criteria from PMBOK® knowledge areas. *Eng. Manag. J.* 26, 13–24.
- Fleming, Q.W., Koppelman, J.M., 2000. Earned value project management. Project Management Institute Newtown Square, PA.
- Fülöp, J., 2005. Introduction to decision making methods, in: BDEI-3 Workshop, Washington. Citeseer.
- Garbie, I.H., 2011. Framework of manufacturing enterprises sustainability incorporating globalization issues, in: Proceedings of the 41st International Conference on Computers and Industrial Engineering, University of Southern California, Oct. pp. 23–26.
- Gumus, S., Egilmez, G., Kucukvar, M., Park, Y.S., 2015. Integrating expert weighting and multi-criteria decision making into eco-efficiency analysis: the case of US manufacturing. *J. Oper. Res. Soc.* 1, 13.
- Gupta, A., Vangari, R., Jayal, A., Jawahir, I., 2011. Priority evaluation of product metrics for sustainable manufacturing, in: Global Product Development. Springer, pp. 631–641.
- Herva, M., Roca, E., 2013. Review of combined approaches and multi-criteria analysis for corporate environmental evaluation. *J. Clean. Prod.* 39, 355–371.
- Ho, H.N., Rabah, M., Nowakowski, S., Estraillier, P., 2014a. Trace-based weighting approach for multiple criteria decision making. *J. Softw. JSW* 9, 2180–2187.
- Ho, H.N., Rabah, M., Nowakowski, S., Estraillier, P., 2014b. Trace-based weighting approach for multiple criteria decision making. *J. Softw. JSW* 9, 2180–2187.
- Institute, P.M., 2011. Practice standard for earned value management. Project Management Institute, Incorporated.

- John, B.E., Packer, H., 1995. Learning and using the cognitive walkthrough method: a case study approach, in: *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM Press/Addison-Wesley Publishing Co., pp. 429–436.
- Kerzner, H.R., 2002. *Strategic planning for project management using a project management maturity model*. John Wiley & Sons.
- Krajnc, D., Glavič, P., 2005. A model for integrated assessment of sustainable development. *Resour. Conserv. Recycl.* 43, 189–208.
- Kumar, M., Antony, J., Rae Cho, B., 2009. Project selection and its impact on the successful deployment of Six Sigma. *Bus. Process Manag. J.* 15, 669–686.
- Kwak, Y.-H., Ibbs, C.W., 1996. Financial and Organizational Impacts of Project Management, in: *CIB 8th Symposium in Organization and Management of Construction*.
- Lipke, W., Zwikael, O., Henderson, K., Anbari, F., 2009. Prediction of project outcome: The application of statistical methods to earned value management and earned schedule performance indexes. *Int. J. Proj. Manag.* 27, 400–407.
- Makinde, H.O., 2013. The Relationship between Feasibility Study and Business Plan in Nigeria. *Int. J. Adv. Bus. Manag. Res. IJABMR* 1.
- Man, T.-J., 2007. *A framework for the comparison of Maturity Models for Project-based Management*. Utrecht Univ.
- M—H, A., 2006. *CPM in Construction Management—Project Management with CPM*, O'Brien. McGraw-Hill Book Company.
- Naeni, L.M., Shadrokh, S., Salehipour, A., 2011. A fuzzy approach for the earned value management. *Int. J. Proj. Manag.* 29, 764–772.
- Navon, R., 2005. Automated project performance control of construction projects. *Autom. Constr.* 14, 467–476.
- Palcic, I., Lalic, B., 2009. Analytical hierarchy process as a tool for selecting and evaluating projects. *Int. J. Simul. Model.* 8, 16–26.
- Pangsri, P., 2015. Application of the Multi Criteria Decision Making Methods for Project Selection. *Univers. J. Manag.* 3, 15–20.
- Pmi, S., 2008. *A guide to the project management body of knowledge (PMBOK)(2008 ed.)*. Newton Square, PA, USA, in: Project Management Institute.
- Ramani, S.E., Sruthi, N., 2016. Application of Earned Value Management to Compute the Project Performance Using Analytical Network Process. *Jordan J. Civ. Eng.* 10.
- Russell, S.J., Norvig, P., 2002. *Artificial intelligence: a modern approach (International Edition)*.
- Saaty, T.L., 2008. Decision making with the analytic hierarchy process. *Int. J. Serv. Sci.* 1, 83–98.

- Saaty, T.L., 1990. Decision making for leaders: the analytic hierarchy process for decisions in a complex world. RWS publications.
- Seuring, S., 2013. A review of modeling approaches for sustainable supply chain management. *Decis. Support Syst.* 54, 1513–1520.
- Sirikrai, S.B., Tang, J.C., 2006. Industrial competitiveness analysis: Using the analytic hierarchy process. *J. High Technol. Manag. Res.* 17, 71–83.
- Sonnekus, R., Labuschagne, L., 2004. Establishing the relationship between IT project management maturity and IT project success in a South African context.
- Sowden, R., Hinley, D., Clarke, S., 2008. Portfolio, Programme & Project Management Maturity Model (P3M3). *OGC Off. Gov. Commer. J.* P 1–4.
- Subramanian, N., Ramanathan, R., 2012. A review of applications of Analytic Hierarchy Process in operations management. *Int. J. Prod. Econ.* 138, 215–241.
- Vandevoorde, S., Vanhoucke, M., 2006. A comparison of different project duration forecasting methods using earned value metrics. *Int. J. Proj. Manag.* 24, 289–302.
- Wang, J., 2014. *Encyclopedia of Business Analytics and Optimization*. IGI Global.
- Wang, T.-C., Hsu, S.-C., 2007. Multi-criteria decision making with incomplete linguistic preference relations, in: *Proceedings of the 6th WSEAS International Conference on Applied Computer Science, Hangzhou, China*. Citeseer, pp. 19–24.
- Wei, C.-C., Wang, M.-J.J., 2004a. A comprehensive framework for selecting an ERP system. *Int. J. Proj. Manag.* 22, 161–169.
- Wei, C.-C., Wang, M.-J.J., 2004b. A comprehensive framework for selecting an ERP system. *Int. J. Proj. Manag.* 22, 161–169.
- Yin, R., 1994. *Case study research: Design and methods*. Beverly Hills, CA: Sage publishing.