















operations management, his specializations include renewable energy systems, bio-fuel feasibility and sustainability, life cycle assessment, and healthcare operations management. He has presented at numerous conferences and published more than 150 papers in peer-reviewed journals and conferences, 6 book chapters and one book. Upon graduating with a BSc in Mechanical Engineering from the University of Zimbabwe in 1986, he served as a Mechanical Engineer at the National Railways of Zimbabwe, Zimbabwe. He holds an MSc in Operations Management and Manufacturing Systems from the University of Nottingham, United Kingdom, and completed his doctoral studies at Tokyo Metropolitan Institute of Technology, Japan.

## References

- E. Harry and P. Hickey, "Water Supply Systems and Evaluation methods-Volume 1: Water Supply System Concepts", 2008.  
Zambia Water Partnership., Availability of Water, Lusaka,Zambia, 2008.  
Maintenance Engineering Society of Australia Capability Assurance: A Generic Model of Maintenance. Maintenance Engineering Society of Australia (MESA), Australia, 1995.  
A.H.C. Tsang, "A strategic approach to managing maintenance performance", *Journal of Quality in Maintenance Engineering* 4 (2), 87–94 (8), 1998.  
L. Swanson, "An empirical study of the relationship between production technology and maintenance management", *International Journal of Production Economics* 53 (2), 191–207, 1997.  
P. Johnsson and M. Lesshamar, "Evaluation and improvement of manufacturing performance measurement systems—the role of OEE.", *International Journal of Operations & Production Management* 19 (1), 55–78, 1999.  
L. Swanson, "Linking maintenance strategies to performance", *International Journal of Production Economics* 70 (3), 37–244, 2001.  
K.S. Pinjala and L. Pintelon, Verreecke, A., "An empirical investigation on the relationship between business and maintenance strategies", *International Journal of Production Economics* 104, 214–229, 2006.  
A. Kelly, "Maintenance and its Management", *Conference communication London*, 1989.  
A.H.C. Tsang, "Measuring maintenance performance: a holistic approach", *International Journal of Operations and Production management* 19 (7),691–715, 1999.  
J.K. Visser and M.W. Pretorius, "The development of a performance measurement system for maintenance", *SA Journal of Industrial Engineering* 14 (1),83–97, 2003.  
M. Jongen, "Cost effectiveness of remote online condition monitoring study and a business case on the Ocean going Patrol Vessel 10980", 2010.  
Fluke Corporation (<http://en-us.fluke.com/company/press/2005-north-american-calibration-and-metrology-training-program.html>) (accessed 12/10/2014)  
D. Daniel , "Predictive and Preventive maintenance, Continuing Education and Development", Inc. Greyridge Farm Court Stony Point, NY, 2008.  
Lightfoot. M.S., Galleher .R, Haderthauer .F, Harvey C.M and Dechert J. D ((2000), The use of target 69 2002  
T,V. Nguyen and H.W.Nelson, "A System Approach to Machinery Condition Monitoring and Diagnostic", Lockheed Martin Information Systems, 4<sup>th</sup> Annual NDIA Systems Engineering Conference, 2001.  
T. Chapasuka, "Developing a planned maintenance for Supervisor Production Performance" Unpublished Thesis, The Copperbelt University Archives, 2002.