



DAFTAR PUSTAKA

- Badan Intelejen Negara, 2013, Kecelakaan Lalu Lintas Menjadi Pembunuh Terbesar Ketiga, [Online, accessed on 4 November 2014] URL: <http://www.bin.go.id/awas/detil/197/4/21/03/2013/kecelakaan-lalu-lintas-menjadi-pembunuh-terbesar-ketiga>
- Basahel, A., 2012, Effect of Physical and Mental Workload Interactions on Human Attentional Resources and Performance, Brunei University, Brunei.
- Bruce, R.A., Kusumi, F., and Hosmer, D., 1973, Maximal Oxygen Intake and Nomographic Assesment of Functional Aerobic Impairment in Cardiovascular Disease, Am Heart J, Vol. 85, 546 –562.
- Charlton, S., & Obrien, T., 2002, Hand Book Of Human Factors Testing And Evaluation 2nd ed, In S. Charlton, & T. Obrien, Hand Book Of Human Factors Testing And Evaluation 2nd ed, Lawrence Erlbaum Associates Publishers, New Jersey.
- De Zwart, D., Frings-Dreses, M., & Van Djik, F., 1995, Physical Workload and Agig Worker: A Review Of The Literature , [Online, accessed on 4 November 2014] URL : <http://link.springer.com/article/10.1007%2FBF01831627#page-1>
- Endsley, M., 1988, Situation Awareness Global Assessment Technique Sagat, California.
- Endsley, M., 1995, Toward a Theory Of Situational Awareness In Dynamic Sistem. Human Factors, Texas Tech University, Texas, 32-64.
- Endsley, M., 1998, A Comparative Analysis of SAGAT and SART For Evaluation Of Situational Awareness, 42nd Annual Meeting of the Human Factors & Ergonomics Society, Chicago.
- Endsley, M., 2000, Direct Measurement Of Situation Awareness:Validity And Use of SAGAT, Lawrence Erlbaum Associates, New Jersey.
- Endsley, M., 2001, Designing for Situation Awareness in Complex System, Proceedings of the Second intenational workshop on symbiosis of humans, artifacts and environment, Kyoto.



- Fredericks, T., Choi, S., Hart, J., Butt, S., & Mital, A., 2005, An Investigation Of Myocardial Aerobic Capacity As a Measure of Both Physical And Cognitive Workloads, International Journal Of Industrial Ergonomic, 35, 1097-1107, Elsevier.
- Gillberg, M., Kecklund, G., & Akerstedt, T., 1998, Sleepiness and performance of professional drivers in a truck simulator-comparisons between day and night driving, J. Sleep Res, 12-15.
- Gugerty, J., 1997, Situation Awareness During Driving: Explicit and Implicit Knowledge in Dynamic Spatial Memory , Journal of Experimental Psychology: Applied, 42-66.
- Hadiyan, T., 2014, Kajian Eksperimen Pengaruh Physical Workload Dan Kepadatan Lalu Lintas Terhadap Situational Awareness Dan Risk Behavior Pengendara Mobil, Universitas Gadjah Mada, Yogyakarta. (Skripsi)
- Harriot, C., Zhang, T., & Adams, J., 2013, Assessing Physical Workload For Human-Robot Peer-Basedteams, International Jurnal of Human-Computer Studies,71, 821-837, Elsevier.
- Hart, S., 2006, Nasa-Task Load Index (NASA-TLX); 20 Years Later, Aerospade Human Factors Research Division, NASA-Ames Research Center, California.
- Hart, S., & Staveland, L., 1988, Development of NASA-TLX Task Load Index:Results of Empirical and Theoretical Research, Aerospade Human Factors Research Division, NASA-Ames Research Center, California.
- Hartono, 2012, Statistik Untuk Penelitian, Pustaka Pelajar, Yogyakarta.
- Hedge, A., 2013, Biological Rhythms, Cornel University, New York.
- Jay, H., 1988, Problems, Progress, and Promises, In P. Hancock, & N. Meshkati, Advance in Psychology : Human Mental Workload, Elsevier Science Publisher, Amsterdam, [Online, accessed on 4 November 2014] URL : http://books.google.co.id/books?hl=en&lr=&id=ItG1YGVrJ9oC&oi=fnd&pg=PP2&dq=mental+workload+theory&ots=sSw-sLYf7C&sig=GEhzoN_o-BIK5IS457IsRJ3698&redir_esc=y#v=onepage&q=the%20operator%E2%80%99s%20evaluation&f=false



Karlqvist, L., Leijon, O., Härenstam, A., 2003, Physical demands in working life and individual physical capacity European Journal of Applied Physiology, 89, 536-547, Springer-Verlag.

Kementerian Perhubungan, 2009, Info hubdat edisi: maret 2009, Humas Direktorat Perhubungan Darat, Jakarta.

Kemeterian Perhubungan, 2013, Perhubungan Darat Dalam Angka 2012, Humas Direktorat Jendral Perhubungan Darat, Jakarta.

Konstantopoulos, P., Chapman, P., & Crundall, D., 2009, Driver's visual attention as a function of driving experience and visibility, Using a driving simulator to explore drivers' eye movements in day, night and rain driving, Accident analysis & Prevention, 42, 837-834, Elsevier.

Ma, R., & Kaber, D., 2005, Situation awareness and workload in driving while using adaptive cruise control and a cell phone, International Journal of Industrial Ergonomics, 939-953.

Menteri Perhubungan RI, 2012, Peraturan Menteri Perhubungan Republik Indonesia No. PM 10 Tahun 2012, Menteri Perhubungan RI, Jakarta.

Michaels, D., 1985, Visual Optics and Refraction: A Clinical Approach, Mosby, St. Louis.

Ostlund, J., Peters, B., Thorslund, B., 2005, Adaptive Integrated Driver-vehicle Interface-Driving performance assessment methods and metrics, Information Society Technologies Programme.

Perry, C., Shelk-Nsinar, M., Segail, N., Ma, R., & Kaber, D., 2006, Effects of physical workload on cognitive task, Theoretical Issues In Ergonomic Scince, 1-9, Taylor & Fancis.

Road Safety Council, 2014, Fatigue, Office of Road Safety, Government of Western Australia, [Online, diakses 4 November 2014] URL : <http://www.ors.wa.gov.au/road-safety-topics/road-issues/fatigue>

Roge, J., Peebayle, T., El Hannachi, S., Muzet, A., 2003, Effect of sleep deprivation and driving duration on the useful visual field in younger and older subjects during simulator driving, Vision Research, 43, 1465–1472, Pergamon.

Ryu, K., & Myung, R., 2005, Evaluation of mental workload with a combined measurebased on physiological indices during a dual task of tracking and



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DAN MALAM HARI**

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mental arithmetic, International jurnal of Industrial Ergonomic, 35, 991-1009, Elsevier.

Savinainen, M., 2004, Physical Capacity and Workload, Medical School of the University of Tampere, Pirkanmaa.

Sluiter, J., 2006, High-demand Job: Age-related Diversity In Work Ability?, Applied ergonomic, 37, 492-440, Elsevier.

Smith, K., & Hancock, P. A., 1995, The Risk Space Representation of Commercial Airspace, Proceedings of the 8th International Symposium on Aviation Psychology, Ohio.

Teigen, K.H., 1994, Yerkes-Dodson: A Law for all Seasons, In Theory & Psychology, Universitu of Tromso, Norway.

Tomporowski, P., 2002, Effect Of Acute Bouts of Exercise On Cognition, In Acta Psychologica, 112, 297-324, Elsevier.

Wickens, C., 2002, Multiple resources and performance prediction. Theory Issues In Ergonomic Science, 3, 159-177, Taylor & Francis.

Wickens, C., Gordon, S., & Liu, Y., 1998, Stress and Workload, An Introduction To Human Factor Engineering, 377-404, Longman, New York.

Widyanti, A., Johnsona, A., & De Waard, D., 2013, Adaptation of the Rating Scale Mental Effort (RSME) for use in Indonesia. International Journal of Industrial Ergonomics, 43, 70-76, Elsevier, [Online, accessed on 4 November 2014] URL : <http://www.sciencedirect.com/science/article/pii/S0169814112001102>

Williams, A., 2003, Teenage Drivers: Patterns of Risk, Journal Of Safety Research, 35, 5-15, Pergamon.