

## DAFTAR PUSTAKA

AASHTO, 1993. *Guide for Design of Pavement Structure*. Washington DC: American Association of State Highway and Transportation Officials.

AASHTO T-307, 2012. *Standard Method of Test for Determining the Resilient Modulus of Soils and Aggregate Materials*. Washington DC: American Association of State Highway and Transportation Officials.

Arshad, M., 2019. Development of a Correlation between the Resilient Modulus and CBR Value for Granular Blends Containing Natural Aggregates and RAP/RCA Materials. *Advances in Materials Science and Engineering*, 2019. <https://doi.org/10.1155/2019/8238904>.

Bowles, J.E., 1979. *Physical and Geotechnical Properties of Soils*. Illinois: McGraw-Hill, Inc.

Buchanan, S., 2007. Resilient Modulus: What, Why and How. *Vulcan Material Company*. hal.1–13.

Cahyono, W., 2019. *Stabilisasi Tanah Dasar dengan Bahan Aditif Akibat Beban Siklik Jalan Rel Kereta Cepat Jakarta Bandung*. Universitas Gadjah Mada.

Christopher, B.R., Schwartz, C. dan Boudreau, R., 2006. *NHI Course No. 132040, Geotechnical Aspects of Pavements, Reference Manual / Participant Workbook (Report)*. [daring] Tersedia pada: <https://www.fhwa.dot.gov/engineering/geotech>

Çöleri, E., 2007. *Relationship Between Resilient Modulus and Soil Index Properties of Unbound Materials*. Middle East Technical University.

Elliott, R.P. dan Thornton, S.I., 1988. Resilient Modulus and AASHTO Pavement Design. *Transportation Research Record*, (1196), hal.116–124.

George, K.P., 2004. *Prediction Of Resilient Modulus from Soil Index Properties*. University of Mississippi.

Hardiyatmo, H.C., 2012. *Mekanika Tanah I*. Yogyakarta: Gadjah Mada University Press.

Huang, Y.H., 1993. *Pavement Analysis and Design*. New Jersey: Prentice Hall.

Ji, R., Kim, D. dan Nantung, T., 2015. Field And Laboratory Determination of Subgrade Resilient Modulus and It's Application in Pavement Design. *Journal of Testing and Evaluation*, 43(5), hal.1109–1119. <https://doi.org/10.1520/JTE20140106>.

Kosasih, D., Sanjaya, G., Agustino, M. dan Taswin, G., 2001. Modulus Resilient Tanah Dasar Dalam Desain Struktur. *Jurnal Simposium ke-4 FTSTPT, Universitas Udayana*, hal.1–10.

Kumalasari, H., 2016. *Analisis Potensi Likuifaksi Pada Pasir Seragam (Keisha No. 4) (Studi Eksperimental Dengan Uji Triaksial Siklik Dan Analisis Empiris)*. Universitas Gadjah Mada.

Lee, W., dkk., 1997. Resilient Modulus of Cohesive Soils. *Journal of Geotechnical and Geoenvironmental Engineering*, 123(Februari), hal.131–136.

PUPR, 2005. *Modul Rde – 11: Perencanaan Perkerasan Jalan*. Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Rasul, J., 2016. *Investigating the Use of Stabilized Subgrade Soils for Road Pavements in Kurdistan*. University of Birmingham.

Sas, W., Gluchowski, A. dan Miturski, M., 2017. Studies on Resilient Modulus Value from Cyclic Loading Tests for Cohesive Soil. *Annals of Warsaw University of Life Sciences – SGGW. Land Reclamation*, 49(2), hal.117–127. <https://doi.org/10.1515/sggw-2017-0010>.

Soedarmo, D. dan Purnomo, E., 2013. *Mekanika Tanah, Jilid 1*. Malang: Kanisius.

Suaryana, N., 2004. Korelasi Antara Modulus Lapangan dengan Modulus Laboratorium Untuk Tanah Dasar. *Jurnal Litbang Jalan*, 21 No. 3, hal.7–12.

Suaryana, N., 2000. Hubungan Antara Modulus Resilien dengan CBR dan Sifat Fisik Lainnya Untuk Lapis Pondasi Agregat. *Jurnal Litbang Jalan*, 17 No.2, hal.46–50.

Sukirman, S., 2010. *Perencanaan Tebal Struktur Perkerasan Lentur*. Bandung: NOVA.

Titi, H., dkk., 2006. *Determination Of Typical Resilient Modulus Values for Selected Soils in Wisconsin*. Milwaukee.

Yuan, H., dkk., 2019. Resilient Modulus-Physical Parameters Relationship of Improved Red Clay by Dynamic Tri-axial Test. *Applied Sciences (Switzerland)*, 9(6). <https://doi.org/10.3390/app9061155>.