



## DAFTAR PUSTAKA

- Adidarma, Wanny Kristiyanti, 2006. *Pengembangan Model Pemantauan Gejala Kekeringan di Indonesia*, Disertasi Program Doktor Teknik Sipil Universitas Katolik Parahyangan, Bandung.
- Agnew, C. T. (2000). Using the SPI to Identify Drought. *Drought Network News*, 12, 5-12.
- Angelidis, P., Maris, F., Kotsovinos, N., dan Hrissanthou, V. (2012). Computation of Drought Index SPI with Alternative Distribution Functions. *Water Resour Manage*, 26, 2453-2473.
- Balai Pengkaji Teknologi Pertanian. 2008. *Kebekolo di Nusa Tenggara Timur*. Bogor, Indonesia.
- Bonaccorso, B., Bordi, I., Cancelliere, A., Rossi, G., dan Sutera, A. (2003). Spatial Variability of Drought: An Analysis of the SPI in Sicily. *Water Resources Management*, 17, 273-296.
- Bordi, I., Frigio, S., Parenti, P., Speranza, A., dan Sutera, A. (2001). The analysis of the Standardized Precipitation Index in the Mediterranean area large-scale patterns. *Annali Di Geofisica*, 44, 965-978.
- Byun, H.R., dan Wilhite, D. A. (1999). Objective Quantification of Drought Severity and Duration. *American Meteorological Society*, 12, 2747-2756.
- Collins, M., Tett, S., dan Cooper, C. (2001). The internal climate variability of HadCM3, a version of the Hadley Centre coupled model without flux adjustments. *Climate Dynamics*, 17, 61-81.
- Fiorillo, F., dan Guadagno, F. M. (2010). Karst Spring Discharges Analysis in Relation to Drought Periods, Using the SPI. 24, 1867-1884.
- Giorgi, F. dan Hewitson, B. 2001. Regional climate information – evaluation and projections. In *Climate Change 2001: The Scientific Basis, Contribution of Working Group I to the Third Assessment Report of the Intergovernmental Panel on Climate Change*, edited by Houghton, J.T., Ding, Y., Griggs, D.J., Noguer, M., van der Linden, P.J. dan Xiaosu, D. Cambridge: Cambridge University Press.



- Heddinghaus, T. R., dan Sabol, P. (1991). A Review of the Palmer Drought Severity Index and Where Do We Go from Here?
- Hegerl, G. C., Zwiers, F. W., Braconnot, P., Gillett, N. P., Luo, Y., Orsini, J. A., et al. (2007). Understanding and Attributing Climate Change. In S. Solomon, D. Qin, M. Manning, Z. Chen, M. Marquis, K. B. Averyt, et al., *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* (pp. 663-745). Cambridge, United Kingdom and New York, USA: Cambridge University Press.
- Hessami, M., Gachon, P., Ouarda, T. B., dan St-Hilaire, A. (2007). Automated Statistical Downscaling.
- Hessami, M., Gachon, P., Ouarda, T. B., dan St-Hilaire, A. (2008). Automated regression-based statistical downscaling tool. *Environmental Modelling dan Software*, 23, 813-834
- IPCC. (2000). *IPCC Spesial Report: Emissions Scenarios*.
- IPCC. (2007). *IPCC Spesial Report: Emissions Scenarios*.
- Johns, T., Gregory, J., Ingram, W., Johnson, C., Jones, A., Lowe, J., et al. (2001). *Anthropogenic Climate Change for 1860 to 2100 Simulated With the HadCM3 Model Under Updated Emissions Scenarios*. Bracknell: Hadley Centre for Climate Prediction and Research.
- Karavitis, C. A., Alexandris, S., Tsesmelis, D. E., dan Athanasopoulos. (2011). Application of the Standardized Precipitation Index (SPI) in Greece. *Water*, 3, 787-805.
- Karlina. (2013). Analisis Kekeringan Meteorologis di Wilayah Kabupaten Wonogiri.
- Khan, S., Gabriel, H. F., dan Rana, T. (2008). Standard Precipitation Index to track drought and assess impact of rainfall on watertables in irrigation areas. *Irrigation Drainage System*, 22159-177.
- Kim, D.-W., Byun, H.-R., dan Choi, K.-S. (2009). Evaluation, modification, and application of the Effective Drought Index to 200-Year drought climatology of Seoul, Korea. *Journal of Hydrology*, 378, 1-12.
- Knutson, C.; M. Hayes; and T. Phillips. 1998. How to Reduce Drought Risk. A guide prepared by the Preparedness and Mitigation Working Group



of National Drought Mitigation Center 13 the Western Drought Coordination Council. National Drought Mitigation Center, Lincoln, Nebraska. [<http://drought.unl.edu/wdcc/products/risk.pdf>]

Komuscu, A. U. (1999). Using the SPI to Analyze Spatial and Temporal Patterns of Drought in Turkey. *Drought Network News*, 11, 6-13.

Lana, X., Serra, C., dan Burgueno, A. (2001). Patterns of Monthly Rainfall Shortage and Excess in Terms of the Standardized Precipitation Index for Catalonia (Ne Spain). *International Journal of Climatology*, 21, 1669-1691.

Lloyd-Hughes, B., dan Saunders, M. A. (2002). A Drought Climatology for Europe. 22, 1571-1592.

Loukas, A., dan Vasiliades, L. (2004). Probabilistic analysis of drought spatiotemporal characteristics in Thessaly region, Greece. *Natural Hazards and Earth System Sciences*, 4, 719-731.

McKee, T. B., Doesken, N. J., dan Kleist, J. (1993). The Relationship of Drought Frequency and Duration to Time Scales. Anaheim, California.

Meinke, H. and Stone, R. (2003) Seasonal and inter-annual climate forecasting: The new tool for increasing preparedness to climate variability and change in agricultural planning and operations. *Climatic Change* 70: 221-253.

Morid, S., Smakhtin, V., dan Moghaddasi, M. (2006). Comparison of Seven Meteorological Indices for Drought Monitoring in Iran. *International Journal of Climatology*, 26, 971-985.

Naill, P.E. dan M. Momani. 2009. Time Series Analysis Models for Rainfall Data in Jordan: Case Study for Using Time series Analysis. *American Journal of Environmental Sciences* 5 (5): 599-604

Palmer, W. C. (1965). Meteorological drought. Research Paper No. 45. U.S. Weather Bureau, Washington, D.C.

Robert, J. Kodoatie. (2010). *Tata Ruang Air*. Yogyakarta, Indonesia: Andi.

Santos, J. F., Pulido-Calvo, I., dan Portela, M. M. (2010). Spatial and temporal variability of droughts in Portugal. *Water Resources Research*, 46, 1-13.

Seiler, R. A., Hayes, M., dan Dressan, L. (2002). Using the Standardized Precipitation Index for Flood Risk Monitoring. *International Journal of Climatology*, 22, 1365-1376.



- Solomon, S., Qin, D., Manning, M., Alley, R., Berntsen, T., Bindoff, N., et al. (2007). Technical Summary. In S. Solomon, D. Qin, M. Manning, Z. Chen, M. Marquis, K. Averyt, et al., *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, New York: Cambridge University Press.
- Sonmez, F. K., Komuscu, A. U., Erkan, A., dan Turgu, E. (2005). An Analysis of Spatial and Temporal Dimension of Drought Vulnerability in Turkey Using the Standardized Precipitation Index. *Natural Hazards*, 35, 243-264.
- Sri Harto, Br. (2000). *Hidrologi: Teori, Masalah, Penyelesaian*. Yogyakarta, Indonesia: Nafiri Offset.
- Touchan, R., Funkhouser, G., Hughes, M. K., dan Erkan, N. (2005). Standardized Precipitation Index Reconstructed from Turkish Tree-Ring Widths. *Climatic Change*, 72, 339-353.
- Tsakiris, G., dan Vangelis, H. (2004). Towards a Drought Watch System Based on Spatial SPI. *Water Resources Management*, 18, 1-12.
- Tsakiris, G., Loukas, A., Pangalou, D., Vangelis, H., Tigkas, D., Rossi, D., et al. (2006). Drought Characterization. *Options Mediterraneennes*, 58, 85-102.
- Tsakiris, G., Pangalou, D., dan Vangelis, H. (2007). Regional Drought Assessment Based on the Reconnaissance drought Index (RDI). *Water Resour Manage*, 21, 821-833.
- Vangelis, H., Spiliotis, M., dan Tsakiris, G. (2011). Drought Severity Assessment based on Bivariate Probability Analysis. *Water Resour Manage*, 25, 357-371.
- Wahyudi, I. (2009). Konsep Penanganan dan Upaya Penanggulangan Kekeringan di Jawa Tengah. *Jurnal Studi Lingkungan*, 1, 1-9.
- Wilhite, D. A., dan Glantz, M. H. (1985). Understanding the drought phenomenon: The role of definition. *Water International*, 10, 111-120.
- Wilhite, D. A., dan Svoboda, M. D. (2000). Drought Early Warning Systems in the Context of Drought Preparedness and Mitigation. *Early Warning System for Drought Preparedness and Drought Management*, (pp. 1-21). Lincoln, Nebraska U.S.A.



- Wu, H., Hayes, M. J., Weiss, A., dan Hu, Q. (2001). An Evaluation of the Standardized Precipitation Index, the Chine-Z Index, and the Statistical Z-Score. *International Journal of Climatology*, 21, 745-758.
- Wu, H., Svoboda, M. D., Hayes, M. J., Wilhite, D. A., dan Wen, F. (2007). Appropriate application of the Standardized Precipitation Index in arid locations and dry seasons. *International Journal of Climatology*, 27, 65-79.
- Zhang, Q., Xu, C.-Y., dan Zhang, Z. (2009). Observed changes of drought/wetness episodes in the Pearl River basin, China, using the Standardized precipitation index and aridity index. 98, 89-99.