

DAFTAR PUSTAKA

- [1] Tjutju Susana. "Air Sebagai Sumber Kehidupan," *Oseana*, 28:17-25, 2003.
- [2] Erwin Prima. *Hari Air Sedunia 2018: Ini 12 Fakta Mencengangkan Soal Air*. Diakses dari <https://tekno.tempo.co/read/1071944/hari-air-sedunia-2018-ini-12-fakta-mencengangkan-soal-air/full&view=ok>, 6 April 2019.
- [3] *The Sustainable Development Goals Report 2018*. Dokumen Teknis. United Nations, New York, 2018.
- [4] Rachmat Fajar Lubis. *Indonesia Negeri Tropis, Tapi Krisis Air Bersih di Kawasan Pesisir Terjadi?*. Diakses dari <http://lipi.go.id/lipimedia/Indonesia-Negeri-Tropis-Tapi-Krisis-Air-Bersih-di-Kawasan-Pesisir-Terjadi/20218>, 5 April 2019.
- [5] D. Dsilva Winfred Rufuss, S. Iniyan, L. Suganthi, dan P. Davies. "Solar Still: A Comprehensive Review of Design, Performance, and Material Advances". *Renewable and Sustainable Energy Reviews*, 63:464-496, 2016.
- [6] Muhammad Fadhil Firdaus. *Kajian Potensi Energi Surya di Indonesia*. I Care Indonesia. Diakses dari <https://icare-indonesia.org/kajian-potensi-energi-surya-di-indonesia-2/>, 6 April 2019.
- [7] Arief Budiman. *Distilasi: Teori dan Pengendalian Operasi*. Gadjah Mada University Press, Yogyakarta, 2016.
- [8] Horace McCracken dan Joel Gordes. *Understanding Solar Stills*. P A C T Pub, 1985.
- [9] P. V. Kumar, A. Kumar, O. Prakash, dan A. K. Kaviti. "Solar Stills System Design: A Review," *Renewable and Sustainable Energy Reviews*, 51:153-181, 2015.
- [10] M. Bouzaid, O. Ansari, M Taha-Janani, dan M. Oubrek. "Experimental and Theoretical Analysis of a Novel Cascade Solar Desalination Still," *Tech Science Press*, 14:177-200, 2018.
- [11] V. Velmurugan, S. S. Kumaran, dan V. N. Prabu. "Productivity Enhancement of Stepped Solar Still: Performance Analysis". *Thermal Science*, 3(12):153-163, 2008.
- [12] A. E. Kabeel, A. Khalil, Z. M. Omara, dan M. M. Younes. "Theoretical and Experimental Parametric Study of Modified Stepped Solar Still".

Desalination, 289:12-20, 2012.

- [13] Jagannath S. Gawande dan Lalit B. Bhuyar. "Effect of Shape of the Absorber Surface on the Performance of Stepped Type Solar Still". *Energy and Power Engineering*, 5:489-497, 2013.
- [14] Y. A. F. El-Samadony dan A. E. Kabeel. "Theoretical Estimation of the Optimum Glass Cover Water Film Cooling Parameters Combinations of a Stepped Solar Still". *Energy*, 68:744-750, 2014.
- [15] A. E. Kabeel. dan M. A. Rayan. "Theoretical and Experimental Investigation on the Influence of Still Glass Cover Cooling on Water Productivity". *Fourth International Water Technology Conference*, 99:183-196, Alexandria, 2009.
- [16] Hogan Eigfansyah Susilo. *Pengaruh Aliran Air Pendingin Kaca Terhadap Produktivitas Alat Desalinasi Bertenaga Surya Tipe Atap Sandar Wadah Berundak*. Skripsi, Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2018.
- [17] F. B. Ziabari, A. Z. Sharak, H. Moghadam, dan F. F. Tabrizi. "Theoretical and Experimental of Study Cascade Solar Still". *International Jurnal of Solar Energy*, 90:205-211, 2013.
- [18] Thomas Oka Pratama. *Pengaruh Jumlah Sekat Terhadap Produktivitas Desalinasi Bertenaga Surya Pasif Tipe Atap Sandar Wadah Berundak*. Skripsi, Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2018.
- [19] Fadjaril Mardiansah. *Pengaruh Jumlah Undakan Terhadap Produktivitas Alat Desalinasi Bertenaga Surya Pasif Tipe Atap Sandar Wadah Berundak*. Skripsi, Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2018.
- [20] Meitri Widya Pangestika. *Pengaruh Material Insulasi Termal Terhadap Air yang Dihasilkan Pada Desalinasi Bertenaga Surya Tipe Atap Sandar Wadah Berundak*. Skripsi, Departemen Teknik Nuklir dan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2018.
- [21] O. O. Badran dan H. Al-Tahaine. "The Effect of Coupling a Flat-Plate Collector on the Solar Still Productivity". *Desalination*, 183:137-142, 2005.
- [22] K. Voropoulos, E. Mathioulakis, dan V. Belessiotis. "Experimental Investigation of the Behavior of Solar Still Coupled With Hot Storage Water Tank". *Desalination*, 156:315-322, 2003.

- [23] Z. M. Omara, A. E. Kabeel, dan M. M. Younes. "Enhancing the Stepped Solar Still Performance Using Internal and External Reflectors". *Energy Conversion and Management*, 78:876-881, 2014.
- [24] Prajitno. *Efisiensi Termal Pengumpul Energi Surya Pelat Rata Dengan Dua Lintasan Aliran Fluida*. Laporan penelitian, Departemen Teknik Mesin, Universitas Gadjah Mada, Yogyakarta, 1991.
- [25] J. A. Duffie dan W. A. Beckman. *Solar Engineering of Thermal Processes 2nd Edition*. John Wiley and Sons, New York, 1980.
- [26] Y. A. Çengel. *Heat transfer: A Practical Approach, 2nd edition*. McGraw-Hill Higher Education, Boston, 2003.
- [27] Y. A. Çengel dan M. A. Boles. *Thermodynamic: An Engineering Approach, 8th edition*. McGraw-Hill Higher Education, Boston, 2015.
- [28] Yoe Kiem San dan Philip Kristanto. *Pengaruh Tebal Plat Dan Jarak Antar Pipa Terhadap Performansi Kolektor Surya Plat Datar*. Jurnal, 2001. Diakses dari <https://media.neliti.com/media/publications/134688-ID-none.pdf>, 13 September 2019.
- [29] H. Assefi. *Review and analysis of solar desalination system*. Tesis, Program Pasca Sarjana, Department of Mechanical Engineering, Eastern Mediteranean University, Famagusta, 2005.