

บรรณานุกรม

ภาษาไทย

- การประปาส่วนภูมิภาค. (2560). โปรแกรมคำนวณค่าน้ำประปา การประปาส่วนภูมิภาค. (ออนไลน์) เข้าถึงได้จาก: <http://www.pwa.co.th/calculate/water-tariff>
- _____. (2560). ราคาค่าน้ำประปาส่วนภูมิภาค การประปาส่วนภูมิภาค. (ออนไลน์) เข้าถึงได้จาก: <http://www.pwa.co.th/contents/service/table-price>
- วิระ ศรีมาลา, คัมภีร์ อีระเวช, ทบทอง ชั้นเจริญ และวีระศักดิ์ ปรีक्षा. (2557). การประยุกต์ใช้ระบบเครือข่ายตรวจรู้ไร้สายร่วมกับระบบสารสนเทศภูมิศาสตร์เพื่อการตัดสินใจให้น้ำ ในสวนผลไม้ผ่านโทรศัพท์มือถือ.
- _____. (2558). การประยุกต์ใช้ ยูเอวี ในการสำรวจเพื่อการจำแนกสายพันธุ์ทุเรียนและติดตามการเกิดโรคทางใบในทุเรียน พื้นที่ศึกษา สวนทุเรียนในจังหวัดจันทบุรี.
- สำนักอุทกวิทยาและบริหารน้ำ กรมชลประทาน. (2554). คู่มือการหาปริมาณการใช้น้ำของพืช ปริมาณการใช้น้ำของพืชอ้างอิงและค่าสัมประสิทธิ์พืช. (ออนไลน์) เข้าถึงได้จาก: <http://water.rid.go.th/hwm/cropwater/CWRdata/Kc/>
- _____. (2560). ค่าสัมประสิทธิ์พืช (Kc) ของพืช 40 ชนิด. (ออนไลน์) เข้าถึงได้จาก: http://water.rid.go.th/hwm/cropwater/CWRdata/Kc/kc_th.pdf

ภาษาอังกฤษ

- Adafruit. (2013). Optimizing SRAM. (online). Available: <https://learn.adafruit.com/memories-of-an-arduino/optimizing-sram>
- _____. (2017). Mesh-protected Weather-proof Temperature/Humidity Sensor - SHT10. (online). Available: <https://www.adafruit.com/product/1298>
- Allen, R. G., and Pereira, L. S., Raes, D., and Smith, M. (1998). Crop Evapotranspiration - guidelines for computing crop water requirements. (online). Available: <http://www.fao.org/docrep/X0490E/X0490E00.htm>
- Allen, R.G. et al. (2006). A recommendation on standardized surface resistance for hourly calculation of reference ETo by the FAO56 Penman-Monteith method. Agricultural Water Management, 81, 1-22
- Arduino. (2018). Building an Arduino on a Breadboard. (online). Available: <https://www.arduino.cc/en/Main/Standalone>
- Atmel. (2018). ATmega328/P Datasheet Complete. (online). Available: http://ww1.microchip.com/downloads/en/DeviceDoc/Atmel-42735-8-bit-AVR-Microcontroller-ATmega328-328P_Datasheet.pdf

- DALLAS Semiconductor. (2005). Extremely Accurate I2C-Integrated RTC/TCXO/Crystal. (online). Available: <https://datasheets.maximintegrated.com/en/ds/DS3231.pdf>
- Droogers, P. and Immerzeel, W.W., and Lorite, I. J.s (2010). Estimating actual irrigation application by remotely sensed evapotranspiration observations. *Agricultural Water Management*, xx(x), xx-xx.
- Duchemin, B., Hadria, R., Er-Raki, S., Boulet, G., Maisongrande, P., Chehbouni, A., Escadafal, R., Ezzahar, J., Hoedjes, J., Karroui, H., Khabba, S., Mougenot, B., Oliosio, A., Rodriguez, J.-C., Simonneaux, V. (2006). Monitoring wheat phenology and irrigation in Central Morocco: on the use of relationship between evapotranspiration, crops coefficients, leaf area index and remotely-sensed vegetation indices. *Agricultural Water Management*, 79(1), 1–27. DOI:<https://doi.org/10.1016/j.agwat.2005.02.013>
- Er-Raki, S., Chehbouni, A., Guemouria, N., Duchemin, B., Ezzahar, J., Hadria, R. (2007). Combining FAO-56 model and ground-based remote sensing to estimate water consumptions of wheat crops in a semi-arid region. *Agricultural Water Management*, 87(1), pp.41–54. <https://doi.org/10.1016/j.agwat.2006.02.004>
- DroneBot Workshop. (2018). Using Inexpensive 433MHz Transmit and Receive Modules with Arduino. (online). Available: <https://dronebotworkshop.com/433mhz-rf-modules-arduino/>
- FAO. (2012). The ET0 Calculator : Evapotranspiration from a reference surface. (online). Available:
- FAO. (1977). Crop Water Requirements. (online). Available: <http://www.fao.org/docrep/018/s8376e/s8376e.pdf>
- Gutierrez, J., Medina, J.F.V., Nieto-Garibay, A. and Porta-Gándara, A. (2014). Automated Irrigation System Using a Wireless Sensor Network and GPRS Module. *IEEE Transactions on Instrumentation and Measurement* 63(1):166-176, DOI10.1109/TIM.2013.2276487
- Hargreaves, G.H. and Samani, Z.A. (1982). Estimating potential evapotranspiration. *Journal of the Irrigation & Drainage Division*, 108(3), pp. 225–230, 1982
- Hart, M. (2018). NewSoftSerial : A New Software Serial Library for Arduino. (online). Available: <http://arduiniana.org/libraries/newsoftserial/>
- Kamble, B., Kilic, A., and Hubbard, K. (2013). Estimating Crop Coefficients Using Remote Sensing-Based Vegetation Index. *Remote Sens.* 2013, 5, 1588-1602; doi:10.3390/rs504158

- Kim, Y., Evans, R.G., and Iversen, W.M. (2008). Remote Sensing and Control of an Irrigation System Using a Distributed Wireless Sensor Network. IEEE TRANSACTIONS ON Instrumentation and Measurement, IEEE Transactions on, 57 (7), 1379-1387.
- Li, H., Wang, X., and Ma, W. (2014). A Temperature-Based Model for Estimating Monthly Average Daily Global Solar Radiation in China. The Scientific World Journal, 2014, <http://dx.doi.org/10.1155/2014/128754>
- McCauley, M. (2013). VirtualWire : Documentation for the VirtualWire communications library for Arduino. (online). Available: https://www.pjrc.com/teensy/td_libs_VirtualWire.html
- NASA. (2018). Measuring Vegetation (NDVI & EVI). (online). Available: https://earthobservatory.nasa.gov/Features/MeasuringVegetation/measuring_vegetation_2.php
- OGC. (2018). SOS - Main. (online). Available: <http://cite.openegeospatial.org/pub/cite/files/edu/sos/text/main.html>
- OGC. (2007). Sensor Observation Service. (online). Available: http://portal.openegeospatial.org/files/?artifact_id=26667
- OGC. (2012). OGC® Sensor Observation Service Interface Standard. (online). Available: https://portal.openegeospatial.org/files/?artifact_id=47599
- OGC. (2011). Observations and Measurements - XML Implementation. [online]
- PHP Group. (2018). Client URL Library. (online). Available: <http://php.net/manual/en/book.curl.php>
- Poisson, A., Fernandez, A., Gomez, D.G., Barillé, R., and Chorro, B. (2017). Assessment and Prediction of Evapotranspiration Based on Scintillometry and Meteorological Datasets. Current Perspective to Predict Actual Evapotranspiration Daniel Bucur, IntechOpen. DOI: 10.5772/intechopen.68538
- ROHM Semiconductor. (2010). Digital 16bit Serial Output Type Ambient Light Sensor IC. (online). Available:
- Senriron. (2011). Datasheet SHT1x (SHT10, SHT11, SHT15) : Humidity and Temperature Sensor IC. (online). Available:
- Seeedstudio. (2017). GPRS Shield V2.0. (online). Available: <https://www.seeedstudio.com/GPRS-Shield-V2.0-p-1379.html>
- _____. (2018). Lipo Rider V1.1. (online). Available: http://wiki.seeedstudio.com/Lipo_Rider_V1.1/

- _____. (2018). 433Mhz RF link kit (online). Available:
http://wiki.seeedstudio.com/wiki/index.php?title=433Mhz_RF_link_kit
- Shah, N.G., and Das, I. (2012). Precision Irrigation: Sensor Network Based Irrigation. Problems, Perspectives and Challenges of Agricultural Water Management. DOI: 10.5772/31909
- SIMCom. (2010). SIM900 AT Command Manual : V1.03. (online). Available:
https://simcom.ee/documents/SIM900/SIM900_Email_AT%20Command%20Manual_V1.03.pdf
- Tech, C. (2006). Introduction to Mathematical Modeling of Crop Growth: How the Equations are Derived and Assembled into a Computer Model. FL: BrownWalker.
- Taherparvar, M. and Pimroradian, N. (2018). Estimation of Rice Evapotranspiration Using Reflective Images of Landsat Satellite in Sefidrood Irrigation and Drainage Network. Rice Science, 25(2), pp.111-116.
- Tsouni, A., Kontoes, C., Koutsoyiannis, D., Elias, P. and Mamassis, N. (2008). Estimation of Actual Evapotranspiration by Remote Sensing: Application in Thessaly Plain, Greece. Sensors, 8, 3586-3600.
- Vanino, S., Pulighe, G., Nino, P., De Michele, C., Bolognesi, S.F., and D'Urso, G. (2015). Estimation of Evapotranspiration and Crop Coefficients of Tendone Vineyards Using Multi-Sensor Remote Sensing Data in a Mediterranean Environment, Remote Sens. 2015, 7(11), 14708-14730; doi:10.3390/rs71114708.
- Wang, M., Shan, F., Shen, C., and Zheng, W. (2014). Design and Implementation of Irrigation-Intelligence Controller Based on ET Data. Sensors & Transducers, 26(Special Issue), pp. 17-25
- Zou, Lawliet. (2014). GPRS Shield and Cheap SIM800L PCB BOARDS.
https://github.com/Seeed-Studio/GPRS_SIM900