Recent Journal Papers

1. Cheng, K.S., Chen, C.T., Hsu, H.H., Yeh, K.C., Lin, L.Y., 2016. Preface to the Special Issue on "Climate Changes and Their Impacts in Taiwan". Terr. Atmos. Ocean. Sci., 27, I-II, doi: 10.3319/TAO.2016.11.17.01
2. Chen, Y.C., Chiu, H.W., Su, Y.F., Cheng, K.S., 2017. Does Urbanization Increase Diurnal Land Surface Temperature Variation? – Evidence and Implications. Landscape and Urban Planning. DOI: 10.1016/j.landurbplan.2016.06.014.
3. Mya Thandar Toe, Mamoru Kanzaki, Tsung-Hsun Lien, Ke-Sheng Cheng, 2016. Spatial and Temporal Rainfall Patterns in Central Dry Zone, Myanmar – A Hydrological Cross-Scale Analysis. Terrestrial, Atmospheric, Oceanic Sciences, DOI: 10.3319/TAO.2016.02.15.01(Hy)
4. Hsiao L-H, Cheng K-S., 2016. Assessing Uncertainty in LULC Classification Accuracy by Using Bootstrap Resampling. *Remote Sensing*. 2016, 8, 705; doi:10.3390/rs8090705.
5. Cheng, K.S., Lien, Y.T., Wu, Y.C. Su, Y.F., 2016. On the criteria for model performance evaluation for real-time flood forecasting. Stochastic Environmental Research and Risk Assessment, DOI 10.1007/s00477-016-1322-7.
6. Hsieh, H.I., Su, M.D., Wu, Y.C., Cheng, K.S., 2016. Water shortage risk assessment using spatiotemporal flow simulation. Geoscience Letters, 3:2, DOI 10.1186/s40562-016-0034-7.
7. Hsieh, H.I., Su, M.D., Cheng, K.S., 2014. Multisite Spatiotemporal Streamflow Simulation - With an Application to Irrigation Water Shortage Risk Assessment. Terrestrial, Atmospheric, Oceanic Sciences, 25(2): 255-266.
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9. Su, Y.F., Foody, G.M., Cheng, K.S., 2012. Spatial non-stationarity in the relationships between land cover and surface temperature in an urban heat island and its impacts on thermally sensitive populations. *Landscape and Urban Planning*, Vol. 107, 172 – 180.
10. Su, Y.F., Foody, G.M., Muad, A.M., Cheng, K.S., 2012. Combining Hopfield Neural Network and contouring methods to enhance super-resolution mapping. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* (JSTARS), 5(5):1403-1417. DOI:10.1109/JSTARS.2012.2191537.
11. Su, Y.F., Foody, G.M., Muad, A.M., Cheng, K.S., 2012. Combining Pixel Swapping and Contouring Methods to Enhance Super-Resolution Mapping *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* (JSTARS), 5(5): 1428 – 1437.
12. Chen, H.W., Cheng, K.S., 2012. A Conceptual model of surface reflectance estimation for satellite remote sensing images using *in situ* reference data. *Remote Sensing*, 4(4): 934-949.

13. Wu, Y.C., Liou, J.J., Cheng, K.S., 2012. Establishing acceptance regions for *L*-moments based goodness-of-fit tests for the Pearson type III distribution. *Stochastic Environmental Research and Risk Assessment*, 26: 873-885, DOI 10.1007/s00477-011-0519-z.

14. Cheng, K.S., Su, Y.F., Yeh, H.C., Chang, J.H., Hung, W.C., 2012. A path radiance estimation algorithm using reflectance measurements in radiometric control areas. *International Journal of Remote Sensing*, Vol. 33(5): 1543-1566. DOI:10.1080/01431161.2011.583290.

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