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Evapotranspiration information reporting: I. Factors governing measurement accuracy

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116	Application of Scintillometer for Evaluating the Performance of GCOM-C ETindex Estimation Algorithm at a Forest Site. <b>2019</b> , 24, 27-32	1
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112	Sustaining aquifers economically in the face of hydrologic, institutional, and climate constraints. <b>2021</b> , 812, 151480	
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110	A remote sensing and modeling integrated approach for constructing continuous time series of daily actual evapotranspiration. <i>Agricultural Water Management</i> , <b>2022</b> , 260, 107320	O
109	Assimilation of SMAP disaggregated soil moisture and Landsat land surface temperature to improve FAO-56 estimates of ET in semi-arid regions. <i>Agricultural Water Management</i> , <b>2022</b> , 260, 107290 <sup>5-9</sup>	О
108	Reference crop evapotranspiration for data-sparse regions using reanalysis products. <i>Agricultural Water Management</i> , <b>2021</b> , 107319	1
107	Partitioning tree water usage into storage and transpiration in a mixed forest. <b>2021</b> , 8,	3
106	Global Climate Change and Microbial Ecology: Current Scenario and Management. <b>2021</b> , 285-313	
105	Evapotranspiration Measurements and Calculations. <b>2021</b> , 1545-1581	1
104	Quantifying the Spatiotemporal Variation of Evapotranspiration of Different Land Cover Types and the Contribution of Its Associated Factors in the Xiliao River Plain. <b>2022</b> , 14, 252	O
103	Estimation of actual evapotranspiration using TDTM model and MODIS derived variables. 1-19	
102	Determining water use and crop coefficients of drip-irrigated cotton in south Xinjiang of China under various irrigation amounts. <b>2022</b> , 176, 114376	2

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100	Assessment of the vineyard water footprint by using ancillary data and EEFlux satellite images. Examples in the Chilean central zone <b>2021</b> , 811, 152452		2
99	Evaluating the adaptability of an irrigation district to seasonal water availability using a decade of remotely sensed evapotranspiration estimates. <i>Agricultural Water Management</i> , <b>2022</b> , 261, 107383	5.9	
98	Real-time methods for short and medium-term evapotranspiration forecasting using dynamic crop coefficient and historical threshold. <b>2022</b> , 606, 127414		1
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95	Assessing geeSEBAL automated calibration and meteorological reanalysis uncertainties to estimate evapotranspiration in subtropical humid climates. <b>2022</b> , 314, 108775		1
94	Remote monitoring of evapotranspiration from green roof systems. <b>2020</b> ,		
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90	An estimation of the evapotranspiration of typical steppe areas using Landsat images and the METRIC model.		O
89	Influence of modeling domain and meteorological forcing data on daily evapotranspiration estimates from a Shuttleworth Wallace model using Sentinel-2 surface reflectance data. 1		О
88	A new approach for estimating spatial-temporal phreatic evapotranspiration at a regional scale using NDVI and water table depth measurements. <i>Agricultural Water Management</i> , <b>2022</b> , 264, 107500	5.9	О
87	Combination of Limited Meteorological Data for Predicting Reference Crop Evapotranspiration Using Artificial Neural Network Method. <b>2022</b> , 12, 516		10
86	Water Use and Soil Water Balance of Mediterranean Vineyards under Rainfed and Drip Irrigation Management: Evapotranspiration Partition and Soil Management Modelling for Resource Conservation. <b>2022</b> , 14, 554		1
85	Evapotranspiration estimation by combining soil moisture, land surface temperature/vegetation cover fraction data and surface-atmosphere exchange modeling. <b>2022</b> , 295-304		
84	Soil Water Dynamics, Effective Rooting Zone, and Evapotranspiration of Sprinkler Irrigated Potato in a Sandy Loam Soil. <b>2022</b> , 12, 864		1

83	Modelling daily reference evapotranspiration based on stacking hybridization of ANN with meta-heuristic algorithms under diverse agro-climatic conditions. 1	1
82	Influence of short-term surface temperature dynamics on tree orchards energy balance fluxes. 1	O
81	Mapping actual evapotranspiration using Landsat for the conterminous United States: Google Earth Engine implementation and assessment of the SSEBop model. <b>2022</b> , 275, 113011	1
80	A global 30-m ET model (HSEB) using harmonized Landsat and Sentinel-2, MODIS and VIIRS: Comparison to ECOSTRESS ET and LST. <b>2022</b> , 274, 112995	1
79	Using an object-based machine learning ensemble approach to upscale evapotranspiration measured from eddy covariance towers in a subtropical wetland <b>2022</b> , 154969	О
78	Improving Hillslope Link Model Performance from Non-Linear Representation of Natural and Artificially Drained Subsurface Flows. <b>2021</b> , 8, 187	О
77	Effects of Precipitation on Soil Water and Evapotranspiration in Differently-textured Paddy Soils during Non-cultivated Period: A Weighable Lysimeter Study. <b>2020</b> , 53, 309-322	2
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64	Satellite remote sensing of crop water use across the Missouri River Basin for 19862018 period. <i>Agricultural Water Management</i> , <b>2022</b> , 271, 107792	5.9	
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60	Evapotranspiration Acquired with Remote Sensing Thermal-Based Algorithms: A State-of-the-Art Review. <b>2022</b> , 14, 3440		O
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58	Improving predictions of evapotranspiration by integrating multi-source observations and land surface model. <i>Agricultural Water Management</i> , <b>2022</b> , 272, 107827	5.9	O
57	Integrated Validation of Coarse Remotely Sensed Evapotranspiration Products over Heterogeneous Land Surfaces. <b>2022</b> , 14, 3467		O
56	Comparison of Daily Evapotranspiration and Reference Evapotranspiration Fraction Values Calculated using METRIC Model and Google Earth Engine FLux. <b>2022</b> , 8, 256-267		
55	Changes and determining factors of crop evapotranspiration derived from satellite-based dual crop coefficients in North China Plain. <b>2022</b> ,		O
54	Estimation of evapotranspiration using all-weather land surface temperature and variational trends with warming temperatures for the River Source Region in Southwest China. <b>2022</b> , 128346		
53	Combination of Sentinel-2 Satellite Images and Meteorological Data for Crop Water Requirements Estimation in Intensive Agriculture. <b>2022</b> , 12, 1168		
52	Optimization of an extreme learning machine model with the sparrow search algorithm to estimate spring maize evapotranspiration with film mulching in the semiarid regions of China. <b>2022</b> , 201, 107298	3	1
51	Impacts of a shallow saline water table on maize evapotranspiration and groundwater contribution using static water table lysimeters and the dual Kc water balance model SIMDualKc. <b>2022</b> , 273, 107887		O
50	Improvement of evapotranspiration simulation in a physically based ecohydrological model for the groundwaterBoilplantBtmosphere continuum. <b>2022</b> , 613, 128440		O
49	Validation and Bias Correction of Forecast Reference Evapotranspiration for Agricultural Applications in Nevada. <b>2022</b> , 148,		O
48	Assessing the energy and water balance dynamics of rain-fed rooibos tea crops (Aspalathus linearis) under changing Mediterranean climatic conditions. <b>2022</b> , 274, 107944		O

47	Evaluation of water flux predictive models developed using eddy-covariance observations and machine learning: a meta-analysis. <b>2022</b> , 26, 4603-4618	0
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45	Estimation of Sensible and Latent Heat Fluxes Using Flux Variance Method under Unstable Conditions: A Case Study of Tea Plants. <b>2022</b> , 13, 1545	1
44	Comparison of surface renewal and Bowen ratio derived evapotranspiration measurements in an arid vineyard. <b>2022</b> , 613, 128474	1
43	Development of an IoT based weighing type micro-lysimeter for soilless cultivation. <b>2020</b> , 90, 1980-1987	0
42	Medium-Resolution Mapping of Evapotranspiration at the Catchment Scale Based on Thermal Infrared MODIS Data and ERA-Interim Reanalysis over North Africa. <b>2022</b> , 14, 5071	O
41	Dynamics of Crop Evapotranspiration of Four Major Crops on a Large Commercial Farm: Case of the Navajo Agricultural Products Industry, New Mexico, USA. <b>2022</b> , 12, 2629	0
40	AgSAT: A Smart Irrigation Application for Field-Scale Daily Crop ET and Water Requirements Using Satellite Imagery. <b>2022</b> , 14, 5090	O
39	Characteristics of Evapotranspiration and Water Consumption of Different Underlying Surfaces in Qaidam Basin. <b>2022</b> , 14, 3469	1
38	A Global Implementation of Single- and Dual-Source Surface Energy Balance Models for Estimating Actual Evapotranspiration at 30-m Resolution using Google Earth Engine.	O
37	Quantifying the effects of advection on single crop coefficients over a humid paddy field for sustainable irrigation. <b>2022</b> , 614, 128552	O
36	Assessment of crop evapotranspiration and deep percolation in a commercial irrigated citrus orchard under semi-arid climate: Combined Eddy-Covariance measurement and soil water balance-based approach. <b>2023</b> , 275, 107997	1
35	Evaluation of the temporal reconstruction methods for MODIS-based continuous daily actual evapotranspiration estimation. <b>2023</b> , 275, 107991	0
34	Optimization of irrigation and nitrogen levels for a trade-off: Yield, quality, water use efficiency and environment effect in a drip-fertigated apple orchard based on TOPSIS method. <b>2023</b> , 309, 111700	1
33	Determination of energy partition of a cucumber grown Venlo-type greenhouse in southeast China. <b>2023</b> , 276, 108047	O
32	Development and design of an affordable field scale weighing lysimeter using a microcontroller system. <b>2023</b> , 4, 100147	O
31	Riparian Plant Evapotranspiration and Consumptive Use for Selected Areas of the Little Colorado River Watershed on the Navajo Nation. <b>2023</b> , 15, 52	0
30	Intercomparison and evaluation of ten global ET products at site and basin scales. 2022, 128887	1

29	Evaluation of the effect of soil salinity on the crop coefficient (Kc) for cotton (Gossypium hirsutum L.) under mulched drip irrigation in arid regions.	О
28	Assessing and comparing crop evapotranspiration in different climatic regions of China using reanalysis products.	O
27	Assessing the Use of Sentinel-2 Data for Spatio-Temporal Upscaling of Flux Tower Gross Primary Productivity Measurements. <b>2023</b> , 15, 562	0
26	Improving the Operational Simplified Surface Energy Balance Evapotranspiration Model Using the Forcing and Normalizing Operation. <b>2023</b> , 15, 260	Ο
25	Estimating daily actual evapotranspiration using gap-filled satellite retrievals.	О
24	Performance of the improved two-source energy balance model for estimating evapotranspiration over the heterogeneous surface. <b>2023</b> , 278, 108159	O
23	Development of the crop coefficient for vertically trained cucumber vines grown in soilless media under naturally ventilated greenhouse conditions.	О
22	Estimation of Actual Evapotranspiration Using Satellite-Based Surface Energy Balance Derived from Landsat Imagery in Northern Thailand. <b>2023</b> , 15, 450	O
21	Evaluation and verification of two evapotranspiration models based on precision screening and partitioning of field temperature data. <b>2023</b> , 278, 108166	0
20	Spatio-temporal changes and its driving forces of irrigation water requirements for cotton in Xinjiang, China. <b>2023</b> , 280, 108218	O
19	Triple collocation-based merging of multi-source gridded evapotranspiration data in the Nordic Region. <b>2023</b> , 335, 109451	0
18	Developing machine learning models for wheat yield prediction using ground-based data, satellite-based actual evapotranspiration and vegetation indices. <b>2023</b> , 146, 126820	O
17	Salts dynamics in maize irrigation in the Hetao plateau using static water table lysimeters and HYDRUS-1D with focus on the autumn leaching irrigation. <b>2023</b> , 283, 108306	О
16	Supporting decision-makers in estimating irrigation demand for urban street trees. <b>2023</b> , 82, 127868	O
15	Remote Sensing-Based Estimates of Changes in Stored Groundwater at Local Scales: Case Study for Two Groundwater Subbasins in California Central Valley. <b>2023</b> , 15, 2100	0
14	Are the C-band backscattering coefficient and interferometric coherence suitable substitutes of NDVI for the monitoring of the FAO-56 crop coefficient?. <b>2023</b> , 282, 108276	О
13	Development of a Benchmark Eddy Flux Evapotranspiration Dataset for Evaluation of Satellite-Driven Evapotranspiration Models Over the CONUS. <b>2023</b> , 331, 109307	О
12	City-wide, high-resolution mapping of evapotranspiration to guide climate-resilient planning. <b>2023</b> , 287, 113487	O

11	A river basin spatial model to quantitively advance understanding of riverine tree response dynamics to water availability and hydrological management. <b>2023</b> , 332, 117393	2
10	Water use and soil water balance of Mediterranean tree crops assessed with the SIMDualKc model in orchards of southern Portugal. <b>2023</b> , 279, 108209	O
9	Mapping Vegetation Index-Derived Actual Evapotranspiration across Croplands Using the Google Earth Engine Platform. <b>2023</b> , 15, 1017	O
8	Coupling physical constraints with machine learning for satellite-derived evapotranspiration of the Tibetan Plateau. <b>2023</b> , 289, 113519	O
7	A Spatial and Temporal Correlation between Remotely Sensing Evapotranspiration with Land Use and Land Cover. <b>2023</b> , 15, 1068	O
6	STEEP: A remotely-sensed energy balance model for evapotranspiration estimation in seasonally dry tropical forests. <b>2023</b> , 333, 109408	O
5	Remote Sensed and/or Global Datasets for Distributed Hydrological Modelling: A Review. <b>2023</b> , 15, 1642	O
4	High spatio-temporal resolution evapotranspiration estimates within large agricultural fields by fusing eddy covariance and Landsat based data. <b>2023</b> , 333, 109417	O
3	Evaluation of Standardized MODIS-Terra Satellite-Derived Evapotranspiration Using Genetic Algorithm for Better Field Applicability in a Tropical River Basin.	O
2	Differences in Water Consumption and Yield Characteristics among Winter Wheat (Triticum aestivum L.) Varieties under Different Irrigation Systems. <b>2023</b> , 13, 4396	O
1	Comparing actual evapotranspiration estimations by METRIC to in-situ water balance measurements over an irrigated field in Turkey.	О