

Eddy J Moors

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

15,224
citations

38660

50
h-index

40881

93
g-index

100
all docs

100
docs citations

100
times ranked

13433
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | From pea soup to water factories: wastewater paradigms in India and the Netherlands. <i>Environmental Science and Policy</i> , 2021, 115, 16-25. | 2.4 | 12 |
| 2 | <scp>Spatio-temporal</scp> evaluation of gridded precipitation products for the <scp>high-altitude Indus basin</scp>. <i>International Journal of Climatology</i> , 2021, 41, 4283-4306. | 1.5 | 23 |
| 3 | Climate change and hydrological regime of the high-altitude Indus basin under extreme climate scenarios. <i>Science of the Total Environment</i> , 2021, 768, 144467. | 3.9 | 55 |
| 4 | The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020, 7, 225. | 2.4 | 646 |
| 5 | Modelling the response of net primary productivity of the Zambezi teak forests to climate change along a rainfall gradient in Zambia. <i>Biogeosciences</i> , 2019, 16, 3853-3867. | 1.3 | 3 |
| 6 | Below and above-ground carbon distribution along a rainfall gradient. A case of the Zambezi teak forests, Zambia. <i>Acta Oecologica</i> , 2018, 87, 45-57. | 0.5 | 7 |
| 7 | Data for developing allometric models and evaluating carbon stocks of the Zambezi Teak Forests in Zambia. <i>Data in Brief</i> , 2018, 17, 1361-1373. | 0.5 | 2 |
| 8 | Adjustment of measurement errors to reconcile precipitation distribution in the high-altitude Indus basin. <i>International Journal of Climatology</i> , 2018, 38, 3842-3860. | 1.5 | 46 |
| 9 | Tipping points in adaptation to urban flooding under climate change and urban growth: The case of the Dhaka megacity. <i>Land Use Policy</i> , 2018, 79, 496-506. | 2.5 | 38 |
| 10 | Integrated Adaptation Tipping Points (IATPs) for urban flood resilience. <i>Environment and Urbanization</i> , 2018, 30, 575-596. | 1.5 | 18 |
| 11 | Winter respiratory C losses provide explanatory power for net ecosystem productivity. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 243-260. | 1.3 | 7 |
| 12 | Climate adaptation approaches and key policy characteristics: Cases from South Asia. <i>Environmental Science and Policy</i> , 2017, 78, 58-65. | 2.4 | 50 |
| 13 | Estimation of high-resolution terrestrial evapotranspiration from Landsat data using a simple Taylor skill fusion method. <i>Journal of Hydrology</i> , 2017, 553, 508-526. | 2.3 | 41 |
| 14 | The dendrochronological potential of <i>Baikiaea plurijuga</i> in Zambia. <i>Dendrochronologia</i> , 2017, 41, 65-77. | 1.0 | 10 |
| 15 | Evaluating the performance of land surface model ORCHIDEE-CANv1.0 on water and energy flux estimation with a single- and multi-layer energy budget scheme. <i>Geoscientific Model Development</i> , 2016, 9, 2951-2972. | 1.3 | 43 |
| 16 | Potential and limitations of inferring ecosystem photosynthetic capacity from leaf functional traits. <i>Ecology and Evolution</i> , 2016, 6, 7352-7366. | 0.8 | 29 |
| 17 | An appraisal of precipitation distribution in the high-altitude catchments of the Indus basin. <i>Science of the Total Environment</i> , 2016, 548-549, 289-306. | 3.9 | 121 |
| 18 | Estimating crop yield using a satellite-based light use efficiency model. <i>Ecological Indicators</i> , 2016, 60, 702-709. | 2.6 | 52 |

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|----|---|-----|-----------|
| 19 | Effect of spatial sampling from European flux towers for estimating carbon and water fluxes with artificial neural networks. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1941-1957. | 1.3 | 65 |
| 20 | Joint control of terrestrial gross primary productivity by plant phenology and physiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2788-2793. | 3.3 | 265 |
| 21 | Rainfall interception and the coupled surface water and energy balance. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 402-415. | 1.9 | 130 |
| 22 | Assessment of evaporative water loss from Dutch cities. <i>Building and Environment</i> , 2015, 83, 27-38. | 3.0 | 33 |
| 23 | Forest summer albedo is sensitive to species and thinning: how should we account for this in Earth system models?. <i>Biogeosciences</i> , 2014, 11, 2411-2427. | 1.3 | 29 |
| 24 | Data-based perfect-deficit approach to understanding climate extremes and forest carbon assimilation capacity. <i>Environmental Research Letters</i> , 2014, 9, 065002. | 2.2 | 13 |
| 25 | Land management and land-cover change have impacts of similar magnitude on surface temperature. <i>Nature Climate Change</i> , 2014, 4, 389-393. | 8.1 | 404 |
| 26 | Climate change and waterborne diarrhoea in northern India: Impacts and adaptation strategies. <i>Science of the Total Environment</i> , 2013, 468-469, S139-S151. | 3.9 | 79 |
| 27 | Using FLUXNET data to improve models of springtime vegetation activity onset in forest ecosystems. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 46-56. | 1.9 | 91 |
| 28 | Changing monsoon patterns, snow and glacial melt, its impacts and adaptation options in northern India: Setting the stage. <i>Science of the Total Environment</i> , 2013, 468-469, S1-S3. | 3.9 | 6 |
| 29 | Changing monsoon patterns, snow and glacial melt, its impacts and adaptation options in northern India: Synthesis. <i>Science of the Total Environment</i> , 2013, 468-469, S162-S167. | 3.9 | 14 |
| 30 | Exploring the Impact of Land Cover and Topography on Rainfall Maxima in the Netherlands. <i>Journal of Hydrometeorology</i> , 2013, 14, 524-542. | 0.7 | 16 |
| 31 | Intercomparison of MODIS albedo retrievals and in situ measurements across the global FLUXNET network. <i>Remote Sensing of Environment</i> , 2012, 121, 323-334. | 4.6 | 259 |
| 32 | Thermal optimality of net ecosystem exchange of carbon dioxide and underlying mechanisms. <i>New Phytologist</i> , 2012, 194, 775-783. | 3.5 | 111 |
| 33 | On the temporal upscaling of evapotranspiration from instantaneous remote sensing measurements to 8-day mean daily-sums. <i>Agricultural and Forest Meteorology</i> , 2012, 152, 212-222. | 1.9 | 121 |
| 34 | What eddy covariance measurements tell us about prior land flux errors in CO ₂ flux inversion schemes. <i>Global Biogeochemical Cycles</i> , 2012, 26, . | 1.9 | 47 |
| 35 | Correction to "Global patterns of land-atmosphere fluxes of carbon dioxide, latent heat, and sensible heat derived from eddy covariance, satellite, and meteorological observations". <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 5 |
| 36 | State-dependent errors in a land surface model across biomes inferred from eddy covariance observations on multiple timescales. <i>Ecological Modelling</i> , 2012, 246, 11-25. | 1.2 | 18 |

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|----|--|-----|-----------|
| 37 | Obstacles to data access for research related to climate and water: Implications for science and EU policy-making. <i>Environmental Science and Policy</i> , 2012, 17, 41-48. | 2.4 | 58 |
| 38 | Trends in future N ₂ O emissions due to land use change. <i>Journal of Environmental Management</i> , 2012, 94, 78-90. | 3.8 | 7 |
| 39 | Global patterns of land-atmosphere fluxes of carbon dioxide, latent heat, and sensible heat derived from eddy covariance, satellite, and meteorological observations. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 933 |
| 40 | Seasonal variation of photosynthetic model parameters and leaf area index from global Fluxnet eddy covariance data. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 35 |
| 41 | Assessing the uncertainty of estimated annual totals of net ecosystem productivity: A practical approach applied to a mid latitude temperate pine forest. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1823-1830. | 1.9 | 43 |
| 42 | Thermal adaptation of net ecosystem exchange. <i>Biogeosciences</i> , 2011, 8, 1453-1463. | 1.3 | 30 |
| 43 | Controls on winter ecosystem respiration in temperate and boreal ecosystems. <i>Biogeosciences</i> , 2011, 8, 2009-2025. | 1.3 | 42 |
| 44 | Modelling the effect of aggregates on N ₂ O emission from denitrification in an agricultural peat soil. <i>Biogeosciences</i> , 2011, 8, 2649-2663. | 1.3 | 18 |
| 45 | Simulation of Daily Nitrous Oxide Emissions from Managed Peat Soils. <i>Vadose Zone Journal</i> , 2011, 10, 156-168. | 1.3 | 11 |
| 46 | Socioeconomics, Policy, or Climate Change: What is Driving Vulnerability in Southern Portugal?. <i>Ecology and Society</i> , 2011, 16, . | 1.0 | 23 |
| 47 | Dissolved carbon leaching from soil is a crucial component of the net ecosystem carbon balance. <i>Global Change Biology</i> , 2011, 17, 1167-1185. | 4.2 | 374 |
| 48 | Seasonal hysteresis of net ecosystem exchange in response to temperature change: patterns and causes. <i>Global Change Biology</i> , 2011, 17, 3102-3114. | 4.2 | 62 |
| 49 | Adaptation to changing water resources in the Ganges basin, northern India. <i>Environmental Science and Policy</i> , 2011, 14, 758-769. | 2.4 | 122 |
| 50 | Measurements necessary for assessing the net ecosystem carbon budget of croplands. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 302-315. | 2.5 | 221 |
| 51 | Variability in carbon exchange of European croplands. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 325-335. | 2.5 | 71 |
| 52 | Carbon exchange of a maize (<i>Zea mays</i> L.) crop: Influence of phenology. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 316-324. | 2.5 | 66 |
| 53 | Management effects on European cropland respiration. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 346-362. | 2.5 | 58 |
| 54 | Management effects on net ecosystem carbon and GHG budgets at European crop sites. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 363-383. | 2.5 | 194 |

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|----|---|-----|-----------|
| 55 | Contrasting response of European forest and grassland energy exchange to heatwaves. <i>Nature Geoscience</i> , 2010, 3, 722-727. | 5.4 | 491 |
| 56 | Climate control of terrestrial carbon exchange across biomes and continents. <i>Environmental Research Letters</i> , 2010, 5, 034007. | 2.2 | 137 |
| 57 | Influence of spring and autumn phenological transitions on forest ecosystem productivity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3227-3246. | 1.8 | 751 |
| 58 | Comparing observations and process-based simulations of biosphere-atmosphere exchanges on multiple timescales. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 66 |
| 59 | Detecting the critical periods that underpin interannual fluctuations in the carbon balance of European forests. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 22 |
| 60 | Productivity, Respiration, and Light-Response Parameters of World Grassland and Agroecosystems Derived From Flux-Tower Measurements. <i>Rangeland Ecology and Management</i> , 2010, 63, 16-39. | 1.1 | 133 |
| 61 | EAGLE 2006 – Multi-purpose, multi-angle and multi-sensor in-situ and airborne campaigns over grassland and forest. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 833-845. | 1.9 | 48 |
| 62 | Latitudinal patterns of magnitude and interannual variability in net ecosystem exchange regulated by biological and environmental variables. <i>Global Change Biology</i> , 2009, 15, 2905-2920. | 4.2 | 94 |
| 63 | Temporal and among-site variability of inherent water use efficiency at the ecosystem level. <i>Global Biogeochemical Cycles</i> , 2009, 23, . | 1.9 | 422 |
| 64 | Toward a consistency cross-check of eddy covariance flux-based and biometric estimates of ecosystem carbon balance. <i>Global Biogeochemical Cycles</i> , 2009, 23, . | 1.9 | 61 |
| 65 | Diurnal and vertical variability of the sensible heat and carbon dioxide budgets in the atmospheric surface layer. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 53 |
| 66 | Interannual variation of water balance and summer evapotranspiration in an eastern Siberian larch forest over a 7-year period (1998–2006). <i>Agricultural and Forest Meteorology</i> , 2008, 148, 1941-1953. | 1.9 | 148 |
| 67 | NOCTURNAL ACCUMULATION OF CO ₂ UNDERNEATH A TROPICAL FOREST CANOPY ALONG A TOPOGRAPHICAL GRADIENT. <i>Ecological Applications</i> , 2008, 18, 1406-1419. | 1.8 | 46 |
| 68 | Quality control of CarboEurope flux data – Part 1: Coupling footprint analyses with flux data quality assessment to evaluate sites in forest ecosystems. <i>Biogeosciences</i> , 2008, 5, 433-450. | 1.3 | 192 |
| 69 | Determinants of terrestrial ecosystem carbon balance inferred from European eddy covariance flux sites. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 223 |
| 70 | Evidence for soil water control on carbon and water dynamics in European forests during the extremely dry year: 2003. <i>Agricultural and Forest Meteorology</i> , 2007, 143, 123-145. | 1.9 | 509 |
| 71 | Variability of annual CO ₂ exchange from Dutch grasslands. <i>Biogeosciences</i> , 2007, 4, 803-816. | 1.3 | 81 |
| 72 | Linking flux network measurements to continental scale simulations: ecosystem carbon dioxide exchange capacity under non-water-stressed conditions. <i>Global Change Biology</i> , 2007, 13, 734-760. | 4.2 | 81 |

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|----|--|------|-----------|
| 73 | Photosynthesis drives anomalies in net carbon-exchange of pine forests at different latitudes. <i>Global Change Biology</i> , 2007, 13, 2110-2127. | 4.2 | 69 |
| 74 | CO ₂ balance of boreal, temperate, and tropical forests derived from a global database. <i>Global Change Biology</i> , 2007, 13, 2509-2537. | 4.2 | 863 |
| 75 | Linking flux network measurements to continental scale simulations: ecosystem carbon dioxide exchange capacity under non-water-stressed conditions. <i>Global Change Biology</i> , 2007, . | 4.2 | 0 |
| 76 | Sensitivity of water and carbon fluxes to climate changes from 1960 to 2100 in European forest ecosystems. <i>Agricultural and Forest Meteorology</i> , 2006, 141, 35-56. | 1.9 | 100 |
| 77 | Pan-European delta ¹³ C values of air and organic matter from forest ecosystems. <i>Global Change Biology</i> , 2005, 11, 1065-1093. | 4.2 | 60 |
| 78 | Quality analysis applied on eddy covariance measurements at complex forest sites using footprint modelling. <i>Theoretical and Applied Climatology</i> , 2005, 80, 121-141. | 1.3 | 173 |
| 79 | Net ecosystem exchange of carbon dioxide and water of far eastern Siberian Larch (&l>Larix cajanderii&l>) on permafrost. <i>Biogeosciences</i> , 2004, 1, 133-146. | 1.3 | 78 |
| 80 | Closing the Carbon Budget of a Scots Pine forest in the Netherlands. <i>Climatic Change</i> , 2004, 67, 309-328. | 1.7 | 17 |
| 81 | A Model-Based Study of Carbon Fluxes at Ten European Forest Sites. <i>Ecological Studies</i> , 2003, , 151-177. | 0.4 | 19 |
| 82 | The carbon uptake of a mid latitude pine forest growing on sandy soil. <i>Agricultural and Forest Meteorology</i> , 2002, 111, 157-170. | 1.9 | 144 |
| 83 | Phase and amplitude of ecosystem carbon release and uptake potentials as derived from FLUXNET measurements. <i>Agricultural and Forest Meteorology</i> , 2002, 113, 75-95. | 1.9 | 145 |
| 84 | Increased heat fluxes near a forest edge. <i>Theoretical and Applied Climatology</i> , 2002, 72, 231-243. | 1.3 | 58 |
| 85 | Evaluation of six process-based forest growth models using eddy-covariance measurements of CO ₂ and H ₂ O fluxes at six forest sites in Europe. <i>Global Change Biology</i> , 2002, 8, 213-230. | 4.2 | 135 |
| 86 | Gap filling strategies for defensible annual sums of net ecosystem exchange. <i>Agricultural and Forest Meteorology</i> , 2001, 107, 43-69. | 1.9 | 1,579 |
| 87 | Gap filling strategies for long term energy flux data sets. <i>Agricultural and Forest Meteorology</i> , 2001, 107, 71-77. | 1.9 | 493 |
| 88 | Productivity overshadows temperature in determining soil and ecosystem respiration across European forests. <i>Global Change Biology</i> , 2001, 7, 269-278. | 4.2 | 843 |
| 89 | Respiration as the main determinant of carbon balance in European forests. <i>Nature</i> , 2000, 404, 861-865. | 13.7 | 1,438 |
| 90 | The Spatial Variability of Turbulence above a Forest. <i>Theoretical and Applied Climatology</i> , 1999, 62, 43-50. | 1.3 | 3 |

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|----|--|-----|-----------|
| 91 | Calibration of soil heat flux sensors. <i>Agricultural and Forest Meteorology</i> , 1998, 92, 1-8. | 1.9 | 36 |
| 92 | Evaporation and surface conductance of three temperate forests in the Netherlands. <i>Annales Des Sciences ForestiÃres</i> , 1998, 55, 255-270. | 1.1 | 30 |
| 93 | Modelling evaporation from a drained and rewetted peatland. <i>Journal of Hydrology</i> , 1997, 199, 252-271. | 2.3 | 24 |
| 94 | Assimilation of remote sensing data to monitor the terrestrial carbon cycle: the carbon observatory of geoland. , 0, , . | | 0 |