

# Mick Filmer

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

676  
citations

759233

12  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison and validation of the recent freely available ASTER-GDEM ver1, SRTM ver4.1 and GEODATA DEM-9S ver3 digital elevation models over Australia. Australian Journal of Earth Sciences, 2010, 57, 337-347.	1.0	242
2	The AUSGeoid09 model of the Australian Height Datum. Journal of Geodesy, 2011, 85, 133-150.	3.6	57
3	The north-south tilt in the Australian Height Datum is explained by the ocean's mean dynamic topography. Journal of Geophysical Research, 2012, 117, .	3.3	49
4	The effect of EGM2008-based normal, normal-orthometric and Helmert orthometric height systems on the Australian levelling network. Journal of Geodesy, 2010, 84, 501-513.	3.6	43
5	Colorado geoid computation experiment: overview and summary. Journal of Geodesy, 2021, 95, 1.	3.6	36
6	The first Australian gravimetric quasigeoid model with location-specific uncertainty estimates. Journal of Geodesy, 2018, 92, 149-168.	3.6	32
7	First Results from Sentinel-1A InSAR over Australia: Application to the Perth Basin. Remote Sensing, 2017, 9, 299.	4.0	26
8	Nonlinear subsidence at Fremantle, a long-recording tide gauge in the Southern Hemisphere. Journal of Geophysical Research: Oceans, 2015, 120, 7004-7014.	2.6	24
9	Comparison between geodetic and oceanographic approaches to estimate mean dynamic topography for vertical datum unification: evaluation at Australian tide gauges. Journal of Geodesy, 2018, 92, 1413-1437.	3.6	24
10	Practical Considerations before Installing Ground-Based Geodetic Infrastructure for Integrated InSAR and cGNSS Monitoring of Vertical Land Motion. Sensors, 2017, 17, 1753.	3.8	21
11	Detecting spirit-levelling errors in the AHD: recent findings and issues for any new Australian height datum. Australian Journal of Earth Sciences, 2009, 56, 559-569.	1.0	15
12	A Re-Evaluation of the Offset in the Australian Height Datum Between Mainland Australia and Tasmania. Marine Geodesy, 2012, 35, 107-119.	2.0	14
13	Description and release of Australian gravity field model testing data. Australian Journal of Earth Sciences, 2018, 65, 1-7.	1.0	12
14	A Sequential Monte Carlo Framework for Noise Filtering in InSAR Time Series. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1904-1912.	6.3	11
15	On the Use of Repeat Leveling for the Determination of Vertical Land Motion: Artifacts, Aliasing, and Extrapolation Errors. Journal of Geophysical Research: Solid Earth, 2018, 123, 7021-7039.	3.4	10
16	Variance component estimation uncertainty for unbalanced data: application to a continent-wide vertical datum. Journal of Geodesy, 2014, 88, 1081-1093.	3.6	9
17	Evaluation of methods for connecting InSAR to a terrestrial reference frame in the Latrobe Valley, Australia. Journal of Geodesy, 2021, 95, 1.	3.6	8
18	Three viable options for a new Australian vertical datum. Journal of Spatial Science, 2012, 57, 19-36.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Regional geoid-model-based vertical datums – some Australian perspectives. <i>Journal of Geodetic Science</i> , 2012, 2, 370-376.	1.0	7
20	Towards an International Height Reference System: insights from the Colorado geoid experiment using AUSGeoid computation methods. <i>Journal of Geodesy</i> , 2020, 94, 1.	3.6	7
21	Using Models of the Ocean's Mean Dynamic Topography to Identify Errors in Coastal Geodetic Levelling. <i>Marine Geodesy</i> , 2014, 37, 47-64.	2.0	6
22	Error sources and data limitations for the prediction of surface gravity: a case study using benchmarks. <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 47-66.	0.5	5
23	Error propagation for three common height-system corrections to differential levelling. <i>Journal of Spatial Science</i> , 2011, 56, 39-58.	1.5	4
24	An experiment to test satellite radar interferometry-observed geodetic ties to remotely monitor vertical land motion at tide gauges. <i>Global and Planetary Change</i> , 2020, 185, 103084.	3.5	4