

# M Nazrul Islam

## List of Publications by Citations

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**Version:** 2024-04-28

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44  
papers

1,314  
citations

20  
h-index

35  
g-index

45  
ext. papers

1,767  
ext. citations

4.9  
avg, IF

5  
L-index

#	Paper	IF	Citations
44	Recent climate change in the Arabian Peninsula: annual rainfall and temperature analysis of Saudi Arabia for 1978-2009. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 953-966	3.5	201
43	Recent climate change in the Arabian Peninsula: Seasonal rainfall and temperature climatology of Saudi Arabia for 1979-2009. <i>Atmospheric Research</i> , <b>2012</b> , 111, 29-45	5.4	186
42	Projections of Precipitation and Temperature over the South Asian Countries in CMIP6. <i>Earth Systems and Environment</i> , <b>2020</b> , 4, 297-320	7.5	103
41	Projected Change in Temperature and Precipitation Over Africa from CMIP6. <i>Earth Systems and Environment</i> , <b>2020</b> , 4, 455-475	7.5	87
40	Trends of temperature extremes in Saudi Arabia. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 808-826	3.5	80
39	Assessment of Uncertainties in Projected Temperature and Precipitation over the Arabian Peninsula Using Three Categories of Cmp5 Multimodel Ensembles. <i>Earth Systems and Environment</i> , <b>2017</b> , 1, 1	7.5	37
38	Long-term changes in seasonal temperature extremes over Saudi Arabia during 1981-2010. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 1579-1592	3.5	35
37	Community-based disaster risk and vulnerability models of a coastal municipality in Bangladesh. <i>Natural Hazards</i> , <b>2013</b> , 69, 2083-2103	3	34
36	Direct effects and feedback of desert dust on the climate of the Arabian Peninsula during the wet season: a regional climate model study. <i>Climate Dynamics</i> , <b>2012</b> , 39, 2239-2250	4.2	34
35	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. <i>Earth Systems and Environment</i> , <b>2021</b> , 5, 1-24	7.5	32
34	Characteristics of meteorological drought in Bangladesh. <i>Natural Hazards</i> , <b>2012</b> , 64, 1461-1474	3	31
33	Saudi-KAU Coupled Global Climate Model: Description and Performance. <i>Earth Systems and Environment</i> , <b>2017</b> , 1, 1	7.5	30
32	Urbanization effects on the air temperature rise in Saudi Arabia. <i>Climatic Change</i> , <b>2013</b> , 120, 109-122	4.5	29
31	Abundance and seasonal distribution of <i>Penaeus monodon</i> postlarvae in the Sundarbans mangrove, Bangladesh. <i>Hydrobiologia</i> , <b>2001</b> , 457, 97-104	2.4	29
30	Interannual variability of rainfall over the Arabian Peninsula using the IPCC AR4 Global Climate Models. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 2328-2340	3.5	28
29	Principal components-based regionalization of the Saudi Arabian climate. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 2555-2573	3.5	27
28	Impacts of Climate Change on Water Engineering Structures in Arid Regions: Case Studies in Turkey and Saudi Arabia. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 43-57	7.5	27

27	Future Changes in Climate over the Arabian Peninsula based on CMIP6 Multimodel Simulations. <i>Earth Systems and Environment</i> , <b>2020</b> , 4, 611-630	7.5	26
26	Rainwater harvesting possibility under climate change: A basin-scale case study over western province of Saudi Arabia. <i>Atmospheric Research</i> , <b>2017</b> , 189, 11-23	5.4	25
25	Assessing the robustness and uncertainties of projected changes in temperature and precipitation in AR5 Global Climate Models over the Arabian Peninsula. <i>Atmospheric Research</i> , <b>2017</b> , 194, 202-213	5.4	23
24	Simulation of temperature and precipitation climatology for the CORDEX-MENA/Arab domain using RegCM4. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	20
23	A climatological study: wet season cyclone tracks in the East Mediterranean region. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 120, 351-365	3	17
22	Projected Changes in Climate Extremes Using CMIP6 Simulations Over SREX Regions. <i>Earth Systems and Environment</i> , <b>2021</b> , 5, 481-497	7.5	17
21	Assessment of uncertainties in projected temperature and precipitation over the Arabian Peninsula: a comparison between different categories of CMIP3 models. <i>Earth Systems and Environment</i> , <b>2017</b> , 1, 1	7.5	15
20	Impacts of Bangabandhu Jamuna Multi-purpose Bridge on the dynamics of bar morphology at the Jamuna River in Bangladesh. <i>Modeling Earth Systems and Environment</i> , <b>2017</b> , 3, 903-925	3.2	14
19	Extreme precipitation events over Saudi Arabia during the wet season and their associated teleconnections. <i>Atmospheric Research</i> , <b>2020</b> , 231, 104655	5.4	14
18	Hydrographic Status of Sundarbans Mangrove, Bangladesh with Special Reference to Post-larvae and Juveniles Fish and Shrimp Abundance. <i>Wetlands Ecology and Management</i> , <b>2006</b> , 14, 79-93	2.1	12
17	Climate change adaptation strategies: a prospect toward crop modelling and food security management. <i>Modeling Earth Systems and Environment</i> , <b>2020</b> , 6, 769-777	3.2	12
16	Assessment of CMIP6 Performance and Projected Temperature and Precipitation Changes Over South America. <i>Earth Systems and Environment</i> , <b>2021</b> , 5, 155	7.5	12
15	Modeling on management strategies of slope stability and susceptibility to landslides catastrophe at hilly region in Bangladesh. <i>Modeling Earth Systems and Environment</i> , <b>2017</b> , 3, 977-998	3.2	10
14	ENSO influence on summer temperature over Arabian Peninsula: role of mid-latitude circulation. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5047-5062	4.2	8
13	The role of land surface fluxes in Saudi-KAU AGCM: Temperature climatology over the Arabian Peninsula for the period 1981-2010. <i>Atmospheric Research</i> , <b>2018</b> , 200, 139-152	5.4	8
12	Coupled Model Inter-comparison Project Database to Calculate Drought Indices for Saudi Arabia: A Preliminary Assessment. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 419-428	7.5	7
11	Morphological Dynamics of the Jamuna River in Kazipur Subdistrict. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 73-81	7.5	7
10	Modeling on management strategies for spatial assessment of earthquake disaster vulnerability in Bangladesh. <i>Modeling Earth Systems and Environment</i> , <b>2018</b> , 4, 1377-1401	3.2	7

9	Characteristics of the internal and external sources of the Mediterranean synoptic cyclones for the period 1956-2013. <i>Theoretical and Applied Climatology</i> , <b>2018</b> , 133, 811-827	3	6
8	Modeling alternative mitigation strategies of salinity intrusion on food production by integrating SWOT and TEAM decision models. <i>Modeling Earth Systems and Environment</i> , <b>2015</b> , 1, 1	3.2	5
7	Modeling on approximation of fluvial landform change impact on morphodynamics at Madhumati River Basin in Bangladesh. <i>Modeling Earth Systems and Environment</i> , <b>2021</b> , 7, 71-93	3.2	5
6	Evaluation of Solar Home System (SHS) implementation in Harirampur subdistrict. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 69, 1281-1285	16.2	4
5	Modeling on the spatial vulnerability of lightning disaster in Bangladesh using GIS and IDW techniques. <i>Spatial Information Research</i> , <b>2020</b> , 28, 507-521	1.6	4
4	Seasonal and regional changes in temperature projections over the Arabian Peninsula based on the CMIP5 multi-model ensemble dataset. <i>Atmospheric Research</i> , <b>2020</b> , 239, 104913	5.4	3
3	Spring Saharan Cyclones over Saudi Arabia: Preliminary Study of the Impacts on Climate. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 153-171	7.5	2
2	Skill of the Saudi-KAU CGCM in Forecasting ENSO and its Comparison with NMME and C3S Models. <i>Earth Systems and Environment</i> , <b>2022</b> , 6, 327	7.5	0
1	Impacts of morphological change on coastal landscape dynamics in Monpura Island in the northern Bay of Bengal, Bangladesh. <i>Regional Studies in Marine Science</i> , <b>2022</b> , 53, 102403	1.5	