

Publications: Year 2016

Title	Authors	Journal/Conference	Volume & DOI	Page No.	Year
Identification of potential glacial lake sites and mapping maximum extent of existing glacier lakes in Drang Drung and Samudra Tapu glaciers, Indian Himalaya	U.S. Maanya, A. Tiwari, Anil V. Kulkarni, E.D. Bhar, J. Srinivasan	Current Science	DOI: (00113891) 111 (3).		2016
Estimation of glacial retreat and mass loss in Baspa basin, Western Himalaya	V.K. Gaddam, Anil V. Kulkarni, A.K. Gupta	Spatial Information Research	DOI: 10.1007/s41324-016-0026-x	257-266	2016
Decarbonization rate and the timing and magnitude of the CO ₂ concentration peak	Ashwin K. Seshadri	Global and Planetary Change	DOI: 10.1016/j.gloplacha.2016.09.004		2016
Detection and Attribution of Seasonal Temperature Changes in India with Climate Models in the CMIP5 Archive	Sonali,P., Nagesh Kumar D.	Journal of Water and Climate Change, IWA Publishing, UK,	DOI: 10.2166/wcc.2015.072.		2016
Intercomparison of CMIP5 and CMIP3 Simulations of the 20th Century Maximum and Minimum Temperatures over India and Detection of Climatic Trends.	Sonali,P., Nagesh Kumar D., Nanjundiah, R.S.	Theoretical and Applied Climatology, Springer,	DOI: 10.1007/s00704015-1716-3.	1-25	2016
Ranking of CMIP5 based Global Climate Models for India using Compromise Programming,	Srinivasa Raju K., Sonali P., Nagesh Kumar D.	Theoretical and Applied Climatology	DOI: 10.1007/s00704015-1721-6.	1-12	2016
Spatio-temporal Variability of Temperature and Potential Evapotranspiration over India.	Sonali, P., Nagesh Kumar D.	Journal of Water and Climate Change, IWA Publishing (in press).	DOI: 10.2166/wcc.2016.230		2016
Fast-slow climate dynamics and peak global warming	Ashwin K. Seshadri	Climate Dynamics, Springer	DOI: 10.1007/s00382016-3202-8	1-19	03 Jun 2016
Performance of solar photovoltaic installations: Effect of seasonal variations	M. Shravanth Vasisht, J. Srinivasan, Sheela K. Ramasesha	Solar Energy, Elsevier	Volume 131 DOI: 10.1016/j.solener.2016.02.013	39-46	Feb 2016
Anodization of Aluminium using a fast two-step process	Murugaiya Sridar Ilango, Amruta Mutualikdesai Sheela K. Ramasesha	Journal of Chemical Sciences	Vol. 128, No. 1, DOI:10.1007/s12039-015-1006-8	153-158.	2016
Air-pollution and economics: diesel bus versus electric bus	S. R. Adheesh, M. Shravanth Vasisht, Sheela K. Ramasesha	Current Science	Vol. 110. No. 5 DOI: 10.18520/cs/v110/i5/858-862	858-862	Mar 2016

Energetics and monsoon bifurcations	Ashwin K. Seshadri	Climate Dynamics, Springer	DOI: 10.1007/s00382-016-3094-7	1-19	Apr 2016
Spatiotemporal Variations in Surface Velocity of the Gangotri Glacier, Garhwal Himalaya, India: Study using Synthetic Aperture Radar Data	Satyabala S.P.	Remote Sensing of Environment, Elsevier	Volume 181 DOI: 10.1016/j.rse.2016.03.042	151-161	Aug. 2016