

Publications: Year 2017

Title	Authors	Journal/Conference	Volume & DOI	Page No.	Year of Publication
Variability of Glaciers and Snow Cover	Anil V Kulkarni, Shailesh Nayak, S Pratibha	Springer Singapore		193-219	2017
Snowpack Density Retrieval Using Fully Polarimetric TerraSAR-X Data in the Himalayas	Gulab Singh, Ashutosh Verma, SanjeevKumar, Ashwagosh Ganju, YoshioYamaguchi, Anil V Kulkarni	IEEE Transactions on Geoscience and Remote Sensing	DOI:10.1109/TGRS.2017.2725979, 2017		2017
Estimation of snow accumulation on Samudra Tapu glacier, Western Himalaya using airborne ground penetrating radar	KK Singh, HS Negi, A Kumar, AV Kulkarni, SK Dewali, P Datt, A Ganju, S Kumar	Current Science	Volume:112		2017
Numerical modelling of past retreat and future evolution of Chhota Shigri glacier in Western Indian Himalaya	Prateek Gantayat, Anil V Kulkarni, J Srinivasan, Maurice J Schmeits	Annals of Glaciology	DOI::10.1017/aog.2017.21, 2017	01-09	2017
Significance of glacio-morphological factors in glacier retreat: a case study of part of Chenab basin, Himalaya	Rupal M Brahmabhatt, IM Bahuguna, BP Rathore, Anil V Kulkarni, Rajesh D Shah, AS Rajawat, Jeffrey S Kargel,	Journal of Mountain Science		128-141	2017
An estimate of glacier mass balance for the Chandra basin, western Himalaya, for the period 1984–2012	Sayli Atul Tawde, Anil V Kulkarni, Govindasamy Bala	Annals of Glaciology	DOI::10.1017/aog.2017.18, 2017		2017
Reconstruction of Specific mass balance for glaciers in Western Himalaya using Seasonal Sensitivity Characteristic (s)	Vinay Kumar Gaddam, Anil V Kulkarni, Anil Kumar Gupta,	Journal of Earth System Science, Springer India	Volume:126		2017

Mass balance estimation using geodetic method for glaciers in Baspa basin, Western Himalaya	G Vinay Kumar, Anil V Kulkarni, Anil Kumar Gupta, Parmanand Sharma	CURRENT SCIENCE		486-492	2017
Flow over a rectangular side weir under subcritical conditions, LAP Lambert Academic Publishing, Germany	Sonali Pattanayak and Rajesh Srivastava		ISBN 978-3-659-92661-7	164	2017
Linkage between global sea surface temperature and hydroclimatology of a major river basin of India before and after 1980	Pattanayak Sonali, Ravi S. Nanjundiah, and Nagesh Kumar Dasika	Environmental Research Letters	DOI:10.1088/1748-9326/aa9664	-	October 2017
Origin of path independence between Cumulative CO2 emissions and global warming	Ashwin K. Seshadri	CLIMATE DYNAMICS	DOI:10.1007/s00382-016-3519-3	-	February 2017
Dynamics versus optimization in nonconvex environmental economics problems with a single welfare function	Ashwin K. Seshadri Shoibal Chakravarty	CURRENT SCIENCE	Vol.112,No.2	220-222	January 2017
Rail coaches with rooftop solar photovoltaic systems: A feasibility study'	M.Shravanth Vasisht, G.A. Vashista, J. Srinivasan and Sheela K.Ramasesha	ENERGY	Volume 118 DOI: 10.1016/j.energy.2016.10.103.	684-691	January 2017
Forecast of solar power a key to power management and environmental protection	M. Shrivanth Vasisht and Sheela K	Clean Technologies and Environmental Policy	Volume 19 DOI: 10.1016/j.solener.2016.02.013	279-286	January 2017