

A. Books Published

1.	Choubey, V.K., Singh, R.D., Singh, Omkar and Sharma, M.K. (editors), "Conservation and Restoration of Lakes", 2008 (National Institute of Hydrology, Roorkee), M/s Anubhav Printers & Packers, Roorkee, Vol I & Vol II, pp 940.
2.	Patwary, B.C., Deb Krori, K.G., Kakati, N. and Khaund, G.N. (Editors), Proceedings of the Seminar on Integrated Water Resources Development and Management, 30 th May 2008, The Institution of Engineers (India), Assam State Centre, Guwahati.

B. Chapters in Books

1.	Agarwal, A., Mishra, S.K., Pandey, R.P., Singh, V.P., "Training of artificial neural network models", In: Hydrology and Hydraulics, (ed. V.P. Singh), Chapter 4, pp 145-187. Water Resources Publications (WRP), LLC, Colorado, USA, ISBN No. 978-188720152-0, 2008
2.	Arora, Manohar, Singh, R.D. and Kumar, Rakesh, "Climate change and glacial lake outburst floods (GLOFs) – a review", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 109-116, 2008.
3.	Choubey, V.K., "Water quality monitoring in lakes/reservoirs using remote sensing: a case study", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 439-450, 2008.
4.	Dwivedi, V.K., Choubey, V.K. and Singh, Omkar, "Assessing risks of climate variability on water availability of the Upper Bhopal Lake, Madhya Pradesh, India", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 65-80, 2008.
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6.	Galkate, R.V., Singh, S., Thomas, T. and Jaiswal, R.K., "Water balance study, water quality analysis and management plan for Sagar lake", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 81-94, 2008.
7.	Jaiswal, R.K., Thomas, T., Singh, S., and Galkate, R.V., "Assessment of revised capacity of Kharo reservoir using remote sensing and GIS", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma;

	Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 551-562, 2008.
8.	Jeyakanthan, V.S., Satyajirao, Y.R., and Mohanarangan, D., "Sediment rate evaluation of Somasila reservoir, Andhra Pradesh using remote sensing technique", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 523-530, 2008.
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10.	Khobragade, S.D., Ojha, C.S.P., Senthilkumar, A.R. and Singh, R.D., "Modelling of evaporation from a tropical lake using A.N.N.", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 493-510, 2008.
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13.	Kumar, Vijay, Rai, S.P. and Singh, Omkar, "Thermal characteristics of Mansar lake, district Udhampur, Jammu and Kashmir", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 237-246, 2008.
14.	Lohani, A.K., Kumar, Rakesh and Singh, R.D., "Time series modeling of reservoir inflows through back propagation artificial neural network", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 483-492, 2008.
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16.	Pandey, Ashish, Pandey, R.P., Chaubey, U.C. and Singh, R.P., "Assessment of surface water potential and peak runoff rate of a hilly watershed using remote sensing and GIS technique", In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 461-470, 2008.
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18.	Pandey, R.P., Sharma, K.D., Mishra, S.K., Singh, Ranvir, and Agarwal, A., “Drought characterization”, In: Hydrology and Hydraulics, (ed. V.P. Singh), Chapter 21, pp 761-792. Water Resources Publications (WRP), LLC, Colorado, USA, ISBN No. 978-188720152-0, 2008.
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20.	Rai, S.P., Kumar, Bhishm, Singh, Omkar, Sarvanakumar, U. and Ahmed, Jamil, “Hydrological status of western Himalayas lakes using stable isotopes”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 531-540, 2008.
21.	Rathore, D.S. and Chaudhary, Anju, “Assessment of sedimentation in Nizamsagar reservoir using digital remote sensing technique”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 471-482, 2008.
22.	Samadder, R.K., Kumar S. and R P Gupta, “Conjunctive use of well-log and Remote Sensing Data for Interpreting Shallow Aquifer Geometry in Ganga Plains”. In Das, Subhajyoti, 2008, Hydrogeological Research in India Golden Jubilee Volume, Geological Society of India, 153-163.
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24.	Sharma, M.K., Singh, Omkar and Choubey, V.K., “Phosphorous modeling of Renuka lake using statistical technique”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 541-550, 2008.
25.	Singh, Omkar, Rai, S.P., Kumar, Vijay, Choubey, V.K. and Sharma, M.K., “A comparative study of temperature, DO and BOD in Mansar and Renuka lakes of Western Himalayan region (India)”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 367-374, 2008.
26.	Singh, R.D. and Lohani, A.K., “Hydrological aspects of lakes”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I,

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27.	Singh, Surjeet, Galkate, R.V., Thomas, T., and Jaiswal, R.K., “Water quality and trophic status of Sagar lake for its restoration”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. II, 829-840, 2008.
28.	Thomas, T., Jaiswal, R.K., Galkate, R.V. and Singh, S., “A case study on infiltration modeling in Upper Bhopal lake catchment”, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol. I, 155-164, 2008.
29.	Varadaraju,S., Nagaraj, M.K., and Venkatesh.B., “Comparison of Source, Pond and Discharge Water during Shrimp Culture along Udupi and Dakshina Kannada District of Karnataka State’, In: Conservation and Restoration of Lakes (Eds. V.K. Choubey, R D Singh, Omkar Singh and M K Sharma; Published by NIH, Roorkee), M/s Anubhav Printers & Packers, Roorkee, India, Vol.I, 425-438, 2008.

C. Research Papers Published in International Journals

1.	Arora, M., Singh, P., Goel, N.K. and Singh, R.D., “Climate variability influences on hydrological responses of a large Himalayan basin”, Water Resources Management, 22, 1461-1475, 2008.
2.	Bandyopadhyay, A., Bhadra, A., Raghuwanshi, N.S. and Singh, R., “Estimation of monthly solar radiation from measured air temperature extremes, Elsevier Agric. Forest Meteorol., 148(11), 1707-1718, 2008.
3.	Bhadra, A., Bandyopadhyay, A., Raghuwanshi, N.S. and Singh, R., “Development of a GIS-based runoff prediction model using SCS CN method and Muskingum routing technique, Asian J. Geoinformatics, 8(4), 3-12, 2008.
4.	Bhadra, A., Bandyopadhyay, A., Raghuwanshi, N.S. and Singh, R., “Integrated Reservoir-based Canal Irrigation Model (IRCIM) - II: Application, ASCE J. Irrig. Drain. Engrg., 135(2), 158-168, 2009.
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6.	Bhunya, P.K., P.K. Singh, S.K. Mishra, “Fréchet and chi-square distributions combined with Horton order ratios to derive a synthetic unit hydrograph (SUH)”, Hydrological Science Journal, 274-286, 54(2), 2009.
7.	Byun Hi-Ryong, Hiroshi L. Tanaka, Hara Michalopoulou, Rajendra P. Pandey and Dolgorsuen Azzaya, “A study on ice control for the production of 5 th generation water resources and the arrest of global warming”, Asia-Pacific Journal of Atmospheric Sciences, 44 (2), 137-147, May 2008.
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9.	Jain, C.K., Gupta, H. and Chakrapani, G.J., “Enrichment and fractionation of heavy metals on bed sediments of River Narmada, India”, Environmental Monitoring and Assessment, 141, 35-47, 2008.
10.	Jain, C.K., Kumar, A. and Izazy, M.H., “Color removal from paper mill effluent through adsorption technology”, Environmental Monitoring and Assessment, 149, 343-348, 2009.
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13.	Jain, Sanjay K., Ajanata Goswami, A. K. Saraf , “Accuracy Assessment of MODIS, NOAA and IRS Data in Snow Cover Mapping Under Himalayan Condition”, International Journal of Remote Sensing, 29(20), 5863-5878, 10 October 2008.
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49.	Thomas, T., Ghosh, N.C., Galkate, R. and Jaiswal, R.K., "Influence of Spatial Heterogeneity and Land use on Soil-Water Infiltration and Hydraulic Conductivity – Case Studies "International Journal of Environment and Development" 5(2),

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Discussions:

1	Singh, S.K., "Discussion of 'Development of optimal and physically realizable unit hydrograph,' by Sharad K. Jain, V. P. Singh, and P. K. Bhunya." Journal of Hydrologic Engineering, ASCE, 13(6), 527-528, Jun 2008.
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Closures:

3	Singh, S.K., "Closure to 'New methods for aquifer parameters from slug test data.,' by Sushil K. Singh." Journal of Irrigation and Drainage Engineering, ASCE, 135(2), 265-266, Mar/Apr 2009.
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7	Singh, S.K., "Closure to 'Approximation of well function for large diameter wells,' by Sushil K. Singh." Journal of Irrigation and Drainage Engineering, ASCE, 134(4), 543-544, Jul/Aug 2008.

D. Research Papers Published in National Journals

1.	Chandramohan T., Samson Mathew, Balchand A.N., 'Development and Application of Unit Sediment Graph (USG) for Sediment Yield Modeling', Vol. I (1), pp. 77-88, August 2008, ICFAI Journal of Soil and Water Science, Hyderabad
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2.	Galkate, R.V., Thomas, T., Pandey, R.P. and Singh, S. Jaiswal, R.K., "Assessment of rainwater availability and planning for water resources development in Chhindwara district of MP, India", <i>J. IWRS</i> , 28(2), 6-14, 2008.
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