LIST OF RESEARCH PUBLICATIONS
OF
PROF. J.B. SHUKLA

LIST OF RESEARCH PAPERS PUBLISHED IN JOURNALS


76. J.B. Shukla and B. Dubey (1996): Effect of changing habitat on species:
    Application to Keoladeo National Park, India.


In Mathematical Analysis and Applications, A. P Dwivedi (editor), Narosa Publishing House, New Delhi, pp 93-109, 2000


89. J.B Shukla, A.K Agrawal, P. Sinha and B. Dubey (2003), Modelling the Effects of Primary and Secondary Toxicants on Renewable Resources. 
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103. J.B.Shukla, A.K.Mishra, S.Sunder,R.Naresh, Effect of rain on removal of a gaseous pollutant and two different particulate matters from the atmosphere of a city.
104. B.Dubey, S.Sharma, P.Sinha and J.B.Shukla, Modelling the depletion of forestry resources by population and population pressure augmented industrialization. 

105. S.Sunder, R.Naresh, A.K.Mishra and J.B.Shukla, A non-linear mathematical model to study the interaction of hot gases with cloud droplets and rain drops. 

106. J.B.Shukla, S.Sharma, B.Dubey and P.Sinha, Modelling the survival of a resource dependent population: Effect of toxicants emitted from the external sources as well as formed by its precursors. 


108. Ram Naresh, Surabhi Pandey and J.B.Shukla, Modelling the cumulative effect of ecological factors in the habitat on the spread of tuberculosis. 


**PAPERS ACCEPTED FOR PUBLICATION**


123. J.B. Shukla, Syam Sunder, A.K. Misra and Ram Naresh, Modeling the effects of aerosols to increase rainfall in regions with shostage. *Meteorology and Atmospheric Physics.*

124. J.B. Shukla, Ashish Goyal, Shikha Singh, P. Chandra, Effects of habitat characteristics on the growth of carrier population leading to increased spread of typhoid fever. *J. of Epidemiology and global Health.*
125. J.B. Shukla, Gaurav Singh, Poonam Shukla, Agraj Tripathi, Modeling and analysis of the effects of antivirus software on an infected computer network Applied mathematics and computation.


THE PAPERS HAVE BEEN CITED IN MORE THAN 1000 PLACES.