

## MONTCLIM Project List 2004-2005

1	Validation and application of dynamic CERES-Wheat model for simulating growth and yield of wheat in temperate Kashmir.	Earth and Atmospheric Sciences	Dr.Lekh Chand, (M) D/o Agronomy, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Shalimar Campus, Srinagar-191 121 (J&K)	13,26,000	36 Months
2	Studies on the evolution of hydrography and currents in south eastern Arabian sea in relation to Lakshadweep warm pool.	Earth and Atmospheric Sciences	Dr.K.K.Varma, (M) D/o Fishery Hydrography, College of Fisheries, Kerala Agricultural University, Panangad Post, Kochi-682 506.	7,66,080	24 Months
3	Use of climatic inputs in reservoir operation models	Earth and Atmospheric Sciences	Dr.D.Nagesh Kumar, (M) D/o Civil Engineering, Indian Institute of Science, Bangalore-560 012.	11,14,560	36 Months
4	Evaluation of predictive models and thumb rules to forecast Karnal Bunt disease of wheat	Earth and Atmospheric Sciences	Dr.S.K.Mann, (F) D/o Plant Breeding Genetics and Biotechnology, Punjab Agricultural University, Ludhiana-141 004.	25,75,000	36 Months
5	Yield prediction models in Banana	Earth and Atmospheric Sciences	Dr.S.Kurien, (M), Regional Agricultural Research Station, Kerala Agricultural University, Kumarakom-686 566 (Kerala)	17,46,000	36 Months
6	Utilisation of agro-climatic information for Agromet Advisories. (CRIDA Component)	Earth and Atmospheric Sciences	Dr.Y.S.Ramakrishna, (M), Central Research Institute for Dryland Agriculture, Hyderabad.	21,02,000	36 Months
7	Utilisation of agro-climatic information for Agromet Advisories. (ANGRAU Component)	Earth and Atmospheric Sciences	Dr.D.Raji Reddy, (M), Acharya.N.G. Ranga Agricultural University, Rajendranagar, Hyderabad-500 030	6,50,000	36 Months
8	Study of evaluation of annual cycle and intra-seasonal variability of Indian summer monsoon using satellite OLR and atmospheric circulation data.	Earth and Atmospheric Sciences	Prof. O.S.R.U. Bhanukumar, (M), D/o Meteorology and Oceanography, Andhra University, Visakhapatnam-530 003 (Andhra Pradesh).	14,71,680	36 Months
9	Atmospheric pollutants and chemical weather under different environments	Earth and Atmospheric Sciences	Dr.G.Beig, (M), Indian Institute of Tropical Meteorology, Dr.Homi Bhabha Marg, Pashan, Pune-411 008.	31,94,000	36 Months
10	An assessment study of the short range predictive capability of NCAR MM5 during the onset phase of the Indian summer monsoon over west coast of India.	Earth and Atmospheric Sciences	Prof. D. V. Bhaskar Rao (M), D/o Meteorology and Oceanography, Andhra University, Visakhapatnam-530 003 (Andhra Pradesh).	17,30,400	36 Months