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Relevant publications	<p>Sujay Dutta, Bimal K. Bhattacharya, D.R. Rajak, C. Chattopadhyay, Vinod Kumar, S. Roy, K.C. Sharma, V. K. Dadhwal and J.S. Parihar (2008). Modelling Regional Level Spatial Distribution of Aphid (<i>Lipaphis erysimi</i>) Growth in Indian Mustard Using Satellite Based RS Data. <i>Int. J. of Pest Management</i>, 54 (1): 51-62</p> <p>K. Mallick, Bhattacharya B.K., S. Chaurasia, S. Dutta, R. Nigam, J. Mukherjee, S. Banerjee, G. Kar, V.U. M. Rao, A.S. Gadgil and J.S. Parihar. (2007). Evapo-transpiration using MODIS data and limited ground observations over selected agro-ecosystems in India. <i>Int. J. of Remote Sensing</i>, 28 (10): 2091-2110.</p> <p>Bimal K. Bhattacharya, Sujay Dutta, V. K. Dadhwal, J.S. Parihar, C. Chattopadhyay, R. Agrawal, Vinod Kumar, S.A. Khan, Sumana Roy and Chander Shekhar (2006). Predicting Aphid (<i>Lipaphis erysimi</i>) Growth in Oilseed <i>Brassica</i> Using Near Surface Air Temperature from TOVS Data of NOAA Satellite – A Case Study. <i>Int. J. of Remote Sensing</i>, 28 (17-18): 3759-3773.</p> <p>K. Dadhwal, R.P. Singh, S. Dutta, J.S. Parihar (2002). Remote sensing based crop discrimination and area estimation a review of Indian experience. <i>Tropical Ecology</i>, 43(1): 107-122.</p> <p>N.K. Patel, C. Patnaik, S. Dutta, A.M. Sheikh and A.J. Dave (2001). Study of crop growth parameters using Airborne Imaging Spectrometer data. <i>Int. J. of Remote Sensing</i>, 22 (12), 2401-2411.</p>

Sujay Dutta, S.A. Sharma, A.P. Khera, Ajai, M. Yadav, R.S. Hooda, K.E. Mothikumar and M.L. Manchanda (1994). Accuracy assessment in cotton acreage estimation using Indian remote sensing satellite data. *ISPRS Journal of Photogrammetry and Remote Sensing*, 49(6): 21-26.

Sujay Dutta, V.K. Dadhwal, N.K. Patel and J.S. Parihar (2008). Generation of District Level Rice Crop Inventory, Growth Profile and Yield Estimation in Orissa using SPOT-VEGETATION Data. *Mausam*, 59 (1): 111-118.

S. Dutta, N.K. Patel, S.K. Srivastava, R.B. Singh, L.R.P. Singh and B.K. Sinha (2001). Districtwise agro-meteorological yield models of wheat in north Bihar state. *J. Ind. Soc. of Remote Sensing*, 29 (3).