

# Bibliography

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- [1] Agnihotri, Y. and Grewal S.S. (2013). Economics of rain water conservation, waste land development and production improvement through watershed management: a case study in village Gualda of Aravali ecosystems, *Indian Journal of Soil Conservation*, 41(1): 69-76, URL:<http://indianjournals.com/ij>.
- [2] Ahire, R.D., Lambat, A.H., Kalaskar, A.P., Choudhury, A.A and Bansal, R.S. (2002).Adoption of cotton cultivation practices in Umari watershed development project, *Journal of soil and crops*, 12(1): 62-65.
- [3] Anonymous (2008). Common Guidelines for Watershed Development Projects. National Rainfed Area Authority. Ministry of Agriculture. Government of India.
- [4] Anonymous (2011). Economic Survey of Odisha, Planning and Coordination Department, Directorate of Economics and Statistics, Government of Odisha.
- [5] Anonymous (2010). Perspective and Strategic Plan for Watershed Development projects, Odisha, Watershed Development Mission, Agriculture Department, Government of Odisha.
- [6] Anonymous (2012). Common Guidelines for Watershed Development Projects, Department of Land Resources, Ministry of Rural Development, Government of India.
- [7] Anonymous (2012). *Odisha Agriculture Statistics 2011-12, DA and FP*, Government of Odisha.
- [8] Anonymous (2012). Odisha Watershed Development Mission (OSWM) Report, Agriculture Department, Government of Odisha.
- [9] Arora, M. (2003). Integrated watershed development (Hill-II) project, *Employment news*, 12-18 April: 1-2.

- [10] Bagachee, A. and Bagachee, S. (1992). Improving rainfed farming system through watershed development: A case study of Ralegan and Siddhi. *Journal of Asian farming system association*, 1(3):371-383.
- [11] Bali, J.S., (1987). Agro industrial watershed for removal of poverty, *ISWC*, 31(2): 98-105.
- [12] Bagdi, G.L and Kurothe, R.S. (2013) Participatory technology development an approach in watershed development programme: A case study, *Indian Journal of Soil Conservation*, 41(3): 293-298.
- [13] Bandaragoda, D. J. (2005) *Stakeholder's participation in developing institutions for integrated water resources management: Lessons from Asia*. International Water Management Institute (IWMI). *Working Paper 96*, Colombo, Sri Lanka.
- [14] Bangar, A.R., Sthool, V.A. (2004). A success story of impact of watershed development programme at Ajnale village of Solapur district of Maharashtra, *Indian Journal of Soil Conservation*, 32 (1): 76-77.
- [15] Bhalla' R. S., Devi Prasad, K. V., Pelkey, Neil W.(2013) Impact of India's watershed development programs on biomass productivity, *Water Resources Research.*, 49(3) : 1568–1580.
- [16] Bhatta, B.D. (1982). Implementing decentralization policies and programmes. A case study on Rapti, IRDP, BIDS, Center for economic development, Kathamandu, Nepal.
- [17] Bhusan, B. (1994). Role of voluntary organisations in natural disaster reduction, *Swasth Hind*, 38(2): 45.
- [18] Bouma, J., D. van Soest, and E. Bulte (2007) 'How sustainable is participatory watershed development in India?', *Agricultural Economics* 36 (1): 13–22.
- [19] Chambers, R. (1994.) Participatory rural appraisal (PRA): Analysis of experience. *World Development*, 22(10): 1253-1268.
- [20] Chand, M. and Sharma, D.D (2009):An Overview of farming system and NWDPPRA Bangladesh. A case study. *Journal of local Government*, 15(1) :139-153.

- 
- [21] Chakraborty, A. (1978). A study on the consequences of the adoption of watershed management practices by small and marginal farmers, *Indian Journal of Agriculture Economics*, 46(3): 261-269.
- [22] Chakraborty, P., Tewari, H, R.and Jha, M.K. (2009). Sustainable rural livelihoods through participatory Natural Resources Management: a case study: *Journal of Rural Development*, Hyderabad.; 28(1): 123-128.
- [23] Chidananda (1996). *Influence of socio-economic status on aspiration and work-orientation of small farmers. M. Sc.(Agri), Thesis*, Uni. Agric. Sci. Bangalore, India.
- [24] Chitnis, D. H. and Bhailagankar, M. G. (1987). Constraints causing technological gap in dry farming system. *J. Maharashtra Agric. Univ.*, 12(2) : 84-88.
- [25] Choudhury, Q.A. (1986). Rural poor participation and small watershed projects in in tribal Areas of Himachal Pradesh, *Indian J. Agric. Res.*, 43 (3) : 173-179.
- [26] Chowdary, V.M., Paul, S.; Kumar, T.S., Sudhakar, S. and Adiga, S. (2005); Monitoring the impact of watershed management activities on land use/landcover transformations using remote sensing *Journal of Interacademia*. 9(1): 81-90.
- [27] Chowdhary, H. and Singh, P. V. (2009). On Watershed Management, *Journal of Crop Improvement*, 23(2):158-173.
- [28] D' Silva E., Wani, S.P. and Nagnath, B. (2004). The Making of New Powerguda: Community Empowerment and New Technologies Transform a Problem Village in Andhra Pradesh. *Global Theme on Agroecosystems Report No. 11*. Patancheru, Andhra Pradesh, India: International Crops Research Institute for the Semi-Arid Tropics, pp.22 -28.
- [29] Dadheech, B.S., Sisodia, S.S. and Sharma, C. (2008), Factors affecting Farmer's Participation in Watershed development activities *Indian Res. J. Ext. Edu.* 8 (1):69-70.
- [30] Dash, P. K., Dash, T and Kara, P.K. (2011). The role of local institutions in sustainable watershed management: lessons from India, *Development in Practice*, 21(2): 255-268.
-

- [31] Deshpande, R. S. and Narayanamoorthy, A. (1999). An appraisal of watershed development programme across regions. *Artha Vij.*, 41(4): 348-351.
- [32] Desai, G.R. Manohari, P.L. and Kumar, T.D.S. (2008). Utilisation of Agricultural Research and Extension Services by rainfed farmers, *Journal of Agricultural Extension Management, MANAGE*, IX (1):1-11.
- [33] Deshpande, R.S. and Reddy, V.R. (1994). Participatory process in watershed management: A case study of Maharashtra, *Asian Economic Review*. 36(1):101-129.
- [34] Dhaka, B.L., Nitharwal, B.R. (2000) Impact of Watershed Development Programme on Crop Productivity – A Review, *Agricultural Reviews*, 21(4): 124-145.
- [35] Dhaka, B.L., Sharma, B.M. (2002). Impact of watershed development programme on rainfed agriculture in semi-arid eastern plain of Rajasthan *Annual Report of Agriculture research*, 23(2): 61-64.
- [36] Dhillon, D. S. and Sangha, G. S. (1990). *Voluntary Agencies Role in Rural Development*, Kurukshetra, Publications Division, Government of India, New Delhi.
- [37] Dhruvanarayan, V.V., Pattanaik, U.S. and Sastri, G. (1990). Watershed management, Publication and information division, ICAR, New Delhi-12.
- [38] Dhyani, B.L., Singh, K.D., Prasad, S.N. and Singh, R. (2005). Impact of watershed management technology on resource use; production and employment in dry regions of south eastern Rajasthan: A case study of Chhajawa watershed. *Annual of Arid zone*, 44(1): 9-16.
- [39] Dhyani, S.K., Ramesh, S., Tiwari, R.K. (2013). Evaluation of Integrated Watershed Management Project -in their first phase of Development-Experiences and suggestions, *Bharatiya Krishi Anusandahn Patrika*, 28(3): 157-161.
- [40] Dollu, S.S., Kunnal, L. B., Babalad, H B. And Hirevenkanagoudar, L.V. (2009). Problems in participatory watershed development project management, *Karnataka J. Agric. Sci.*, 22 (5): 1139-1142.
- [41] Eswarappa, G. and Byra Reddy, H.N. (1991). *An analysis of co-ordination and some management practices by watershed*

- 
- development programmes in Karnataka, Ph.D. Thesis, ANGRAU, Rajendranagar, Hyderabad, India.*
- [42] Fiona Proscovia Mutekanga, Aad Kessler, Katia Leber, and Visser, S. (2013). The Use of Stakeholder Analysis in Integrated Watershed Management, *Mountain Research and Development*, [www.mrdjournal.org](http://www.mrdjournal.org), 33(2):122-131.
- [43] Fouzdar, D. (1999). Watershed Development Concepts and Strategic land water Management Options, *Yojana*, 43(10):26-29.
- [44] Gabriela da Costa Silva (2011) Assessing environmental justice of community based watershed management: a tool to build adaptive capacity in Latin America, *The International Journal of Justice and Sustainability*, 16 (5): 445-460. <http://dx.doi.org/10.1080/13549839.2011.565467>.
- [45] George,P.,Badal,andPramod,K.(2009).Impact of Watershed Development Programmes on Productivity and Efficiency of Crops in Rajasthan, *International Journal of Agricultural Sciences* ; 5( 2) :460-463.
- [46] Ghosh, A. (2008). "Strategies for Mitigating Future threats of Water Crisis in Rice Production", *Indian Farming*, 58(8):19-21.
- [47] Government of India (2001). *WARASA- JANASAHABHAGITA:Guidelines for National Watershed Development Project for Rainfed Areas (NWDPPRA)*, Ministry Of Agriculture and Co-opeartion, Government Of India, pp- 97.
- [48] Government of India (1994). Report of the Technical Committee on Drought Prone Areas Programme and Desert Development Programme, Ministry of Rural Development. Government of India. New Delhi.
- [49] Government of India (2012). Final report of Minor irrigation and watershed management For the Twelfth five year plan, *Working group: minor irrigation and watershed management*, Planning commission, Government of India .New Delhi.pp20-45.
- [50] Government of India (2001). Mid-Term Appraisal of Ninth Five Year Plan, Planning Commission, NewDelhi.

- [51] Gore, K, P.(1995). *Micro level integrated planning of watershed tank command area Continuum*, A case study. *Ph.D. thesis*, Development of Agricultural and Food Engineering, Indian Institute of Technology, Kharagapur, India. pp.255.
- [52] Gouda, S., Maraddi, G .N. and Satish, M.S. (2013). Analysis of constraints and suggestion of marginal farmers and landless labour towards livelihood security in ranifed area, *Hind Agricultural and Training update*, 8 (1and 2): 212-216.
- [53] Gowda, C.M.G. (1988). A study of consequences of adoption management aspects of watershed by small and marginal farmers in Kolar district *M.Sc. (Ag.) Thesis*, UAS, Bangalore.
- [54] Gregersen, H. M. and Brooks, K. N. (2007). *Integrated Watershed Management- Connecting people to their land and Water*, Cambridge University Press, Cambridge, USA. Pp23-25.
- [55] Grewal, S.S. (2014). Impact of Soil Conservation measures on soil properties in Sukha lake Catchment, *Indian Journal of soil Conservation*, 42(2): 216-223.
- [56] Gupta, N.K.and Gupta, S.(2010),Water saving agriculture :Concept and Modern Strategies, *Journal of Food Security*, 1 (2):6-11.
- [57] Hardikar, D.P.(1998). Perfection of development programme derived by women beneficiaries of Ratnagiri District, *Unpublished Ph D thesis*, University of Dharawad.
- [58] Hanumanthaiah, C.V. and Rao, P. S. (2003). Temporal variations under pre and post watershed management programe; *The Andhra Agricultural Journal*, 50 (3and 4): 332-336.
- [59] Hemalatha, B., Surekha S. and Nagaraja, N. (1996). A study of knowledge level of farmers about watershed development, *Karnataka Journal of Agriculture Sciences*, 9(4): 666-669.
- [60] Hinchcliffe, F., Thompson, J., Pretty, J. N., Guijt, I., and Shah, P. eds. (1999). *Fertile*
- [61] Ground: *The impact of participatory watershed management*. Intermediate technology publications Ltd. London, UK.

- 
- [62] Indrajeet and Kushawaha, R.K. (2007) Problems Associated with Watershed Development Programme in District Jalaun of U.P. *Indian Res. J. Ext. Edu.* 7 (2and 3) : 62-64.
- [63] Indumathy, P., Manoharan, M., Sangeeta, S., and Karuna, M.V. (2013), Relationship between Socio—psychological characteristics and Attitude of Jawadhu Tribes towards Tribal Development Programmes in *Tamilnadu Journal of Extension Education*, 25(4):5154-5159.
- [64] ICRISAT (1977). Annual report 1976-1977, Patancheru, Hyderabad. *Journal of Rural Development*, 1 (4): 409-465.
- [65] Ingle, P.O. and Kude, N.I. (1997). Evaluation of watershed development project with reference to low and no cost soil and water conservation practices. *PKV Research Journal*, 21(1): 64-67.
- [66] Jairaj, R., (1988). Role of local institutions in watershed area. Paper presented in a *state level interaction session on watershed management programme* held at Univ. Agric.Sci., Dharwad on 5th and 6th May.
- [67] Jally, M. K., Marotha, D. K. and Agarwal, D. K., (1995) Managing dryland watershed development Programme: Lessons of Nartora Project. *Indian J. Agric. Res Dev.*, 10 (2): 115-130.
- [68] Jat, S., Jain, S.K and Rajput, A.M. (2008). Impact of Watershed Development Programme in Madhya Pradesh, *Indian Res. J. Ext. Edu.*, 8 (1):66-68.
- [69] Jaiswal, N.K and Punduaire, A.P., Jaiswal, A.K. (1985). People participation in watershed management – A case study, *Journal of rural development*; 5(2):661-705.
- [70] Jaya, G., Sanghi, N.K., Renuka Rani, B. and Maheshwari, K. S. (2002). Operational Modality for Facilitation of People’s Participation in the Watershed Programme, A Journey Through watersheds, *MANAGE*, 1 (4): 1-6, [www.manage.gov.in](http://www.manage.gov.in)
- [71] Joshi, A.C (1994). Peoples participation in soil conservation and watershed management in Nepal, paper presented in 8<sup>th</sup> ISCO, New Delhi.

- [72] Joshi, P. K., Pangare, V., Shiferaw, B., Wani, S. P., and Scott, C. (2004) Watershed development in India: Synthesis of past experience and needs for future research. *Ind. J. Agric. Econ.* 59(3): 303-319.
- [73] Kale, N.M., Wankhade, P.P. and Jadhao, G. (2012). Socio-economic dimensions of small and marginal farmers in Agrarian distress prone Districts of Vidhrbha, *Indian Journal of Agricultural Research*, 46 (4):350-355
- [74] Kakada, B.K., Neelam, G.S. and Patare, K.J. (2003). Farm pond based watershed development. A mechanism for ecosystem and socio-economic rejuvenation: A case study from Adihalli - Myllanhalli Village in Hassan District, Karnataka; *Water International*, 28 (4): 519-526.
- [75] Kalyan Kumar B. M. and Hosamani, S.B. (2007). An Economic Evaluation of NWDPR and SUJALA watershed programme in Northern Karnataka – A comparative Study. *M Sc (Ag) thesis*, Dharwad University of Agricultural Sciences, DHARWAD.
- [76] Karam, S. Sadhu, H.S., Singh, N and Kumar, D.L. (1993). A critical evaluation of kandi watershed development project, *Economic and political weekly*, 28(52):122 –128.
- [77] Keith A. Markus (2011). Principles and Practice of Structural Equation Modeling by Rex B. Kline, *Structural Equation Modeling: A Multidisciplinary Journal*, 19(3): 509-512.
- [78] Kerr, John, Pangare, Ganesh, Pangare, V.L. and George, P.J. (2000) *An Evaluation of Dryland Watershed Development Projects in India*, Environment and Production Technology Division, Discussion Paper No.68, International Food Policy Research Institute, Washington, D.C, U.S.A.
- [79] Koons, A.S. (1988). *Communication in the Agriculture Development. A Cameroon example: Dissertation Abstract*: International Humanities and social sciences,. The American University from microfilms centers. 988 (49): 219-286.
- [80] Krishnaji, M.V. and Venkataramaiah, P (2007). Functioning of Micro watersheds – A case Analysis, *The Andhra Agricultural Journal*, 54(1 and 2):83-85.



- 
- [81] Krishnappa, A. and Hedge, G. (1994). Integrated watershed Development: a holistic approach to resource conservation, *Indian Farming, December* : 25-30.
- [82] Kulshrestha, A, Kushwaha, T. S., Singh, Y. K. and Rai, D. P. (2010). Adoption of Watershed Technologies by the Farmers in Morena District of Madhya Pradesh: *Indian Res. J. Ext. Edu.*, 10 (2):58-60.
- [83] Kulshrestha, A., Raghubanshi Bhanu P.S., Sen, S, and Singh, Y.K. (2014). Impact of watershed development programme in gird zone of Madhya Pradesh, *Int. J. Agr. Ext.*, 02(01):29-33. <http://www.escijournals.net/IJAE>
- [84] Kumar, P. and Bansal, R. (2014). Evaluation of Preparatory Phase of Iwmp Implementation-Case Studies from Himachal Pradesh, *Journal of Rural Development*, 33 (2): 197-203.
- [85] Kumar, R., Sheoran, D.K. and Singh, J. (2014). Peoples' Participation in Integrated Watershed Management Programme in Haryana, *Indian J. Dryland Agric. Res. and Dev.*, 29(2) : 108-109.
- [86] Lal, B. (2001). Impact of National Watershed Development Project on rainfed agriculture in Alwar district of Rajasthan, *Agricultural Science Digest*, 21(3):157-160.
- [87] Lekorwe, M. and Mpbanga, D.(2007). Managing Non-Governmental Organisations in Botswana, *The Innovation Journal*, Vol.12 (3), Article 10.
- [88] Liniger, H.P. and Schwilch, G. (2002). Enhanced decision making based on local knowledge The WOCAT method for sustainable soil and water management. *Mt. Res. Dev.*, 22(1):14-18.
- [89] Mahesh Kumar, M., Pradhakar, K.S., Pandurangaiah, K., Badarinath, M.S., Batagurki, S.B. and Ganesh, H.V. (2005). Remote sensing techniques on Land use planning and water resources Development in palar river left bank watershed, Kolar district. *Mysore journal of Agriculture Science*, 39 (1): 81-85.
- [90] Mascarenhas, J. (1999). Learning Process: The approach of outreach in Farrington, J., Turton, C. and James, A.J. (eds), *Participatory Watershed Development Challenges for the Twenty first Century*, Oxford University Press, New Delhi, pp.244-246.
-

- [91] Mondal, B., Singh, A., and Sekar, I. (2013). Extent of people's participation and identify the factors which influence their participatory decisions, *Indian Journal of Soil Conservation*, 41(2):177-184.
- [92] Mula, R. P., P Suhas. Wani and Dar, William .D. (2008). Approaches of Integrated Watershed Management Project: Experiences of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), *The Journal of Agricultural Education and Extension*, 14(2): 153-168.
- [93] Murthy, J.V.S. (2013). *Watershed Management: watershed Concept*. New age International Publishers, (2nd Edition), New Delhi, pp-159-162.
- [94] Muthuraman, N. (1987). A critical analysis of farm telecast programme, an experimental study. *Ph.D thesis* EEI, APAU, Hyderabad.
- [95] Naberia, S. and Khare, N. (2006). Role of tribal women in Watershed Development Programme, *Indian Research Journal of Extension Education*, 6(3):1-3.
- [96] Nagabhusan, K. (2001). *People's participation in watershed development*. Abstract volume of *National symposium on development communication in rural sector*, Palli Sikha Bhawan; Viswa Bharati: pp- 37.
- [97] Nagabhushanum, K. (2003). Analysis of profile characteristics of watershed farmers *Mysore Journal of Agriculture Science*, 37 (1): 75-81.
- [98] Naidu, V.J. (1992). Reference in planning and people participation in India, *Monthly commentary*, January: pp 22-33.
- [99] Narayanagowda, K. (1992) Consequences of watershed programme. A study of Chitravathi Watershed Project. *Ph.D. Thesis*, Univ. Agric. Sci., Bangalore, India.
- [100] Nasurudeen, P. and Mahesh, N. (2006) .Socio- economic and environmental perspectives of sustainable watershed. *Agric. Econ. Res. Rev.*, 19: 49-58.

- 
- [101] Nataraju, M. S. and Madhava Reddy, K. V.(2010). Stakeholders participation in watershed management for sustainable agriculture, 19th World Congress of Soil Science, Soil Solutions for a Changing World, 1 – 6 August 2010, Brisbane, Australia. Published on DVD. 197.
- [102] Ninan K.N. (1998). *An assessment of European- aided watershed development projects in India*. Form the prospective of poverty reduction and the poor. CDR. *Working papers*, No- 98.3: pp-49.
- [103] NPC (1992). *The Eight Plan*, Kathamandu, National Commission Secretariat, pp.719-720.
- [104] Oswal, M. C. (1999). *Watershed Management*, Associated Publishing Agriculture, New Delhi, pp- 23.
- [105] Ostiani, L, D.and Warren, P. (2001). *Developing Participatory and Integrated Watershed Management, A case study of the FAO/Italy Interrgional Project for Participatory Upland Conservation and Development*, Daya Publishing House, Trinagar, New Delhi.: pp-121-125.
- [106] Padmavathi, M. and Reddy, M.S. (2002). Personal and Socio-Economic characteristics of Mitra Kisans in National watershed development project for Rainfed areas. *Journal of Research*, ANGRAU. 30(1): 71-75.
- [107] Palande, R. S., Shirke, V.S. and Sawant, G.K., (2001). Impact of national watershed development programme on working conditions of beneficiaries, *Maharashtra J.Extn. Edun*, 11(2):125-127.
- [108] Palanisami, K., Suresh Kumar, D., Wani, S. P. and Giordano, M.(2009).Evaluation of Watershed Development Programmes in India Using Economic Surplus Method, *Agricultural Economics Research Review*, Vol. 22 July-December ; pp 197-207.
- [109] Palsaniya, D.R., Singh, R., Tewari, R.K., Yadav, R.S. and Dhyani, S.K. (2012). Integrated watershed management for natural resource conservation and livelihood security in semi-arid tropics of India, *Indian Journal of Agricultural Sciences*, 82(3): 241-247.
- [110] Pandey, N. K. and Singh, S.K.(2014). Participation Pattern of Rural People in Watershed Development Programme in Haryana State, *Indian Res. J. Ext. Edu.*, 14 (3):39-44.

- [111] Pandey, N.K. and Singh S.K. (2012). Awareness Level of the Farmers and Their Determinants about Watershed Development Programme, *Journal of Community Mobilisation and Sustainable Development*, 7(1), 110-115.
- [112] Pandke, M, S., Gore, K, P., and Jallwa, D, N.,(1999). Impact Of Watershed Development Programme on Framing community, Karnataka. *J. Agric. Sci.*, (12):118-122.
- [113] Pandke, M.S., Jadhav, S.N.and More, P.G (2000). Effect of Soil and water conservation measures on Socio-economic status of Farmers in watershed. *Karnataka. J. Agric. Sci.*, 13(1) :( 103-106).
- [114] Panse and Sukhatme (1967). *Statistical methods for agricultural workers*, 2<sup>nd</sup> edition, ICAR, New Delhi, pp-381.
- [115] Parvathi,C. (2013) .Watershed management in the context of agriculture crisis, *International Journal of Marketing and management research*, 4(1): 39-47.
- [116] Patel, V.M., Patel, A.J. and Patel, J.K.(2013). Impact of Waterhed crop production Technology on Adoption level of Beneficiaries and Non – Beneficiaries Framers, *Gujrat Jurnal of Extension Education*,vol 24, Dec, pp 80-83.
- [117] Patel, R.C. Saiyad, A.S. and Chauhan, N.B. (2002). Watershed management technology adoption in Kheda District. *Agricultural Extension Review*, September-October, pp-5-8.
- [118] Patil, N., Manjunath, L., Hirevenkanagoudar, L.V. and Bhat,A.R.S.(2006)Socio Economic Profile and Knowledge Level of Participant Farmers About Watershed Development Programme), *Karnataka J. Agric. Sci.*,19(4): 867-871
- [119] Poonia, T.C. and Singh, G.D. (2004). A Review on watershed management and Development. *Agricultural Review*. 25 (2): 147-151.
- [120] Prabhakar, K., Lavanya Latha,K. and Papa Rao, A.(2010). NGOs and Farmer’s Participation in Watershed Development Programme in Prakashan District of Andhra Pradesh, *Asia- Pacific Journal of Social Sciences*, 2(1):173-182.
- [121] Prasad, D. K. and Prasad, N. (2012). *Handbook of Watershed Management*, Enkay Publishing House, New Delhi.
-

- 
- [122] Prasad, V.M and Mrityunjayan, N. (1998). A Critical Analysis of diffusion and adoption of Maize production in Karim Nagar district of Andhra Pradesh, *PhD Thesis*, ANGRAU, Rajendranagar, Hyderabad.
- [123] Purohit, S.D. and Verma, H.M. (1995). Evaluation of engineering structure under soil conservation scheme. A case study of Chambal RVP and Sahibi FPR in Rajasthan., *Indian Journal of Soil Conservation*, 13(1) : 84 -87.
- [124] Purohit, K.V.M. and Murthy, H.G.S (1995). An Economic analysis on impact of watershed development programme on the production of oil seed crops in Bijapur district, Karnataka. *National Bank News Review*, Bombay. 11(1) 23-28.
- [125] Purushottam and Singh. B (2001). Extension and Management issues in implementation of watershed projects; *Ph.D. Thesis*, unpub, IARI. New Delhi.
- [126] Radhakrishna, S. (2013). Water shed based development in rainfed tribal and non-tribal areas – A study in Andhra Pradesh, *International Journal of Asian Research Consortium*, 3(7), <http://www.aijsh.org> .
- [127] Ragupathy, V. (2004). *Participatory Management of Natural resources - Irrigation Tanks in Panchayats*, Concept Publishing Company, New Delhi.
- [128] Rai, D.P. and Singh, K.(2008). Awareness, Attitude and Training Needs of Farmers about Recommended Practices in Watershed Development Programme, *Indian Res. J. Ext. Edu.*, 8 (2and 3):89-91.
- [129] Rajora, R. (2002). *Integrated Watershed Management- A Field manual for Equitable, Productive, and Sustainable Development*, Rawat Publication, Jaipur.
- [130] Rajput, A.M. and Verma, A.R. (1993). Stabilization of crop productivity through improved watershed technology in Malwa region of Madhya Pradesh. *Crop Research Hissar*. 6(2):195-201.
- [131] Rajput, A.M., Verma, A.R. and Shindae. R. (1991). Impact of watershed development programme on crop productivity in western Madhya Pradesh. *Crop Research Hissar*. 8(2):253-261.

- [132] Raju, J.P. Sharma, Singh, P. and Padaria, R.N. (2012). Socio Economic Impact of Watershed Development, *Journal of Community Mobilisation and Sustainable Development*. 7(2):158-164.
- [133] Rama Rao, C. A., Reddy, Y. V. R., Sastry and Ramakrishana, Y. S., (2004), A comparative analysis of performance of watershed development programmes in India. *Ind. J.Agric. Econ.*, 59(3): 369-372.
- [134] Ram Babu, Dhyani, B.L. (1998). Economic evaluation of watershed management programmes in India. *Advances-in-Geoecology*, (31): 897-904.
- [135] Ramachandran,K,Mandal,U.K.,Sharma,K.L,Gayatri,M,BhaskarV, Venkatravamma, K. and Karlik, P. (2009). Methodology for evaluating livelihood security of farm households in treated watersheds. *Indian J. Soil Cons.*, 37 (2) : 151-163.
- [136] Ramanna, K. N., and Chandrakanth, K., (2000). Constraints on participation as perceived by the watershed beneficiaries. *Finan. Agric.*, 32 (1): 26-27.
- [137] Rani R., and Sai Maheswari, K. (2008). Post project sustainability of Watershed Programme – A continuing challenge, *Journal of Agricultural Extension and Management*, IX (2):73-87.
- [138] Rao, I.S. and Reddy, V.N. (1990). A critical analysis of dryland Agricultural technology with reference to Ground nut cultivation in Anantapur district of Andhra Pradesh. *Ph.D. Thesis, Unpub.* ANGRAU, Rajendranagar. Hyderabad.
- [139] Rao, M.S.R.M., Biswajit, Mondal, Padmaiah. M., Reddy. K.K. and Chandrappa. M (2004). Sustainability of watershed development project. A case study at Chinnatekur *Indian journal Of Dryland Agricultural Research and Development*, 19(I): 4-12.
- [140] Reddy P., T.S., Daivadeenam, P. and Ramchandra Reddy, D. (2004). Extent of utilisation of recommended technologies by the beneficiaries of watershed development programmes of Government and Non Government organisations. *The Andhra Agricultural Journal*, 51 (3 and 4): 556-557.
- [141] Reddy, M.M. and Reddy, K.J. (1994). Appropriateness of production recommendations of rainfed groundnut cultivation in Chittoor district

- of Andhra Pradesh; *Ph.D. Thesis. Unpub.* ANGRAU, Rajendranagar, Hyderabad.
- [142] Reddy, R.L., Raj, R.K., Mohanty, B.K. and Behera M.(2008).Watershed development programme - knowledge and involvement of the people, *Indian J. Soil Cons.*, 36 (2): 124-126.
- [143] Reij. (1987). *Soil Water Conservation in Sub-Saharan Africa*, The Need for a bottom –up approach, ODI, London.
- [144] Rodriguez, H., Popp, J., Gbur, E. and Pennington, J. (2014). A Stakeholder-Guided Collaborative Approach to Improve Water Quality in a Nutrient Surplus Watershed. *Journal of Water Resource and Protection*, 6, 571-582.
- [145] Sanghi, N. K. and Rao, P. S. D. (1982). *Operational Research in Dryland Agriculture Research in India*, Indian Council of Agricultural Research, New Delhi.
- [146] Sanghi, N. K. and Sharma, K. (1994). Soil and Water Conservation work with and learning from the farmers in Andhra Pradesh, *Indian Farming*, Dec, pp-57-64.
- [147] Sanghi, N.K. (2000). Sustainable development of natural resources through indigenous technology: A case study of Manchal watershed in Ranga reddy district: Andhra Pradesh. *MANAGE, Extension Research Review*. Vol.1: 10-23.
- [148] Santham, M.L, Sastry, C.Y. and Kumar, S.V. (1982). Human and social people's participation; *Journal of Rural Development*, 1 (5): 770-831.
- [149] Saraswat, S.P., Nadda. C.S. Nadda, C.S. and Sikk, B.K. (1990). Impact of National Watershed Development Programme on rainfed agriculture in district Bilaspur of Himachal Pradesh. ISAE, VII, pp-75.
- [150] Satishkumar, N. and Tevari, P. (2013). Socio-Economic Dimensions of Beneficiaries in KAWAD Watershed Development Project, *International Journal of Scientific Research*, 2(15):12-13.
- [151] Schreier, H., Hall, K., Brown, S., Lavkulich, L. and Zambergen, P.(1997). *Integrated watershed Management*, CD Rom Vancouver, University of British Columbia, Institute of Resources, Environment and continuing Studies.

- [152] Schumacher, E.F. (1973). *Small is a beautiful: A study of economics as if people mattered*. Blond and Briggs Ltd, London, pp-62.
- [153] Seema, N. and Khare, N. (2006). Role of tribal women in watershed development programme, *Indian Research Journal of Extension Education*, 6(3): 1-3.
- [154] Selvarajan, S., Rao, M.S.R.M. and Chittaranajan, S. (1992). Impact and constraint analysis of watershed based resource conservation-cum-production management in alfisols of Karnataka. *Agricultural situation in India*, 46(11): 799-806.
- [155] Sengar, R.S, Singh, B.B., Bhardwaj, N. and Singh, A.K. (2008). Impact of NWDPR on Crop Productivity among Tribal of Chhattisgarh, *Indian Res. J. Ext. Edu.* 8 (1):54-56.
- [156] Shah, V.D. and Patel, V.G. (1996). Impact of national watershed Development project for rainfed areas (NWDPR) in Gujarat. Agro-Economic research center, Sardar Patel University. No-102, pp-172.
- [157] Sharma, R and Chauhan, J. J., Meena, B.S., and Chauhan, R. S. (2007). Opinion of Farmers and Project Officers about Watershed Management, *Indian Res. J. Ext. Edu.*, 7 (1):11-13.
- [158] Sharma, R., Chauhan, J.J., Meena, B.S. and Chauhan, R. S. (2007). Problems Experienced By Farmers and Project Officers in Watershed Management, *Indian Res. J. Ext. Edu.*, 7 (2 and 3): 23-25.
- [159] Sharma, R., Meena .B.S and Chauhan, J. J. (2008) Impact of Participatory Approach in Management of Watershed Practices in Jammu, *Indian Res. J. Ext. Edu.*, 8 (1):19-21.
- [160] Shiyani, R.L, Kakadia B.H. and Tarpara, V.D. (2002). Socio-economic impact of watershed development in South Saurashtra Region of Gujarat: *Journal of Rural Development*, Hyderabad.; 21(3): 411-431.
- [161] Shrivastava, R.L., (2000). Securing people's partnership for progress. *Social Wel.* 46(11): 15-18.
- [162] Sikka, A.K., Madhu, M., Singh, S.C., D.V., Selvi, V., Sundarambal, P., Jeevarathanam, K. and. Murgaiyah, M. (2014). Impact analysis of participatory integrated watershed management programme in semi-arid region of Tamil Nadu, India, *Indian Journal of Soil Conservation*, 42 (1):98-106.



- 
- [163] Singh, G.D. and Poonia, T.C. (2003). *Fundamentals of Watershed Management Technology*, Yash Publishing House. Bikaner, Rajasthan, India.
- [164] Singh, K., Sadhu, H.S., Singh, N. and Kumar, D.L. (1993). A critical evaluation of kandi watershed development project, economic and political weekly, 28(52): 122 - 128.
- [165] Singh, P.K.(2000) *Watershed Management Design and Practices*, Agrawal printers pvt ltd, Udaipur.India
- [166] Singh, R. (1988). *Impact of NWDPR in U.P.* Mimeo P-130 1SAF, Agro - Economic Centre, Allahabad University.
- [167] Singh, R. P, Sharma, S, and Mishra P.K (2007). *Sustainable development of Dryland Agriculture in India*. Scientific Publishers, Jodhapur, India, pp-508-509.
- [168] Singh, R.A., Sharma, V.K. and Pal, S.B. (2013). Watershed based frontline demonstration is a path of prosperity to Bundelkhand farm families. Agriculture Update. *Hind Agricultural and Training update*, 8 (1and 2):42-44.
- [169] Singh, R.V. (2003). *Watershed Planning and Management* (2nd Edition): Concept of Watershed Management, Yash Publishing House, Bikaner, India.
- [170] Singh, S. V., (1999). Watershed management – A holistic approach to improve socio-economic status of the farmers. *Indian J. Soil Conser.*, 27 (3) : 243-245
- [171] Singh, S.R. (1986). Managing Dryland watershed Development programme: Lesson of Karnataka experiences, Research paper, Institute of Rural Management, India, No 1:35.
- [172] Singh, S. and Reddy, R., (1987). An economic assessment of dry farming technology, adoption levels and constraints in the transfer of technology: A case study of rainfed castor in Southern Telangana Zone of Andhra Pradesh. *Agric.Situation in India*, 42: 619- 621.
- [173] Singh, S.B.and Prakash, N. (2010). Socio-economic impact of watershed development project in Manipur : *Indian Research Journal of Extension Education.*; 10(1): 78-82.
-

- [174] Sisodia, S.S. and Sharma, C. (2008). Constraints in People's Participation in Watershed Development Programme: *Indian Res. J. Ext. Edu.*, 8 (1):60-62.
- [175] Stone, L. (1989) Cultural cross roads of community participation in Development: A case from Nepal. *Human organisation*, 48(3): 206-213.
- [176] Sudhishri, S., Das .A. Pattnaik, U.S. and Choudhury, P.R. (2004). "Upliftment of tribal women through integrated watershed development", *Indian Journal for Soil Conservation*, 32(1), 134-136.
- [177] Supe, S.V. (2007) .Measurement technique in social sciences, Agro-tech Publishing Academy, Udaipur.
- [178] Thomas, C.G. (2010). *Land Husbandory and Watershed Management: People's participation in watershed planning*, Kalyani Publishers, Ludhiana, India, pp 21-27
- [179] Tideman, E.M. (1996). *Watershed Management Guidelines for Indian Conditions*, New Delhi, Omega Scientific Publisher, pp-372.
- [180] Tolley, G.S. and Riggs, F.T. (1967). *Economics of watershed planning*, IAWA State University Press.
- [181] Tucker, S.P., Sanghi, N.K., Ravindra, A. and Ramachandrudu (2003). "A journey through Watersheds". Institutionalization of the Participatory Approach Under the Watershed Programme a Menu of Mechanisms and Instruments, National Institute of Agricultural Extension Management (MANAGE), Ministry of Agriculture, Government of India, Hyderabad, vol. 1 (6):1-8.
- [182] Upadhye, S. K., Atre, A. A., Pandit, D. S. and Krishna Murthy Y. V. N. (2010). .Evaluation of Watershed Development Programme under NWDPR using Remote Sensing and GIS: *Indian Journal of Dryland Agric. Res. and Dev.*, 25(2) : 123-130.
- [183] Vaidyanathan, A. (2006). Restructuring Watershed Development Programmes, *Economic and Political Weekly* ,41(8): 2984-2987.
- [184] Venkateswarlu, J. (2010). Rainfed Agriculture in India Research and Development Scenario: Planning and Management of Watershed Projects, ICAR, New Delhi, pp 408-433.

- 
- [185] Verma, A.R.(2008) .‘Impact of Watershed Development Programme in the Rainfed Area in Indore district of Madhya Pradesh, *Indian Journal of Agricultural Economics*, 63 (3):526-527.
- [186] Wagenet,L.P., Pfeffer, M, J., Sutphin, H. D., Stycos, J. M. (1999). Adult Education and Watershed Knowledge in Upstate New York, *Journal of the American Water Resources Association*, 35( 3): 609-621.
- [187] Wani, S, P., Yin, D. X., Li, Zhong., Dar,W.D, and Chander, G. (2012). Enhancing agricultural productivity and rural incomes through sustainable use of natural resources in the Semi Arid Tropics: *Journal of the Science of Food and Agriculture*. 92(5): 1054-1063.
- [188] Wani, S.P., Anil. C. and Sredeni, T. K. (2005). Proceedings of Dialogue on improving watershed Policies, Practices and Knowledge to Impact People and Ecosystem, ICRISAT, Patancheru, Andhra Pradesh, India and World Wide Fund For Nature, pp-3-15.
- [189] Ward, R. (2002). *Water, Wars, Drought, Flood, Folly, and Politics of Thirst*, River Head Books, New York.
- [190] Yadav, M., Singh, K. C., Chouhan, A.S. and Singh, C.J. (2013). Techno-Economic Changes among the Farmers in Relation to Watershed Development Programme, *Indian Res. J. Ext. Edu.* 13 (1): 31-34.
- [191] Zam, A. and Banrjee, A.K. (1993).Watershed Technology trails in west Bengal; *Agricultural Extension Review*, September-October: 22-30.