



**Government-Panchayat-NGO Partnership (GPNP) In Developing Village Level
NRDMS Database on Water Bodies–A Case Study of NCR**

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Abstract:

The Government-Panchayat-NGO Partnership (GPNP) is envisaged for development and updation of village level NRDMS database on village ponds & other water bodies in an easy, economic and sustainable way. This is the need of the hour as managing traditional water storage structures like village ponds/water bodies and developing ground water recharge potential and capacity building of local community in planning and managing these water structures in most efficient and rational manner in regions like National Capital Region (NCR). Such micro level databases would build capabilities as well as synergies in implementation of the developmental programmes planned and implemented at the village level by central & state govt or Gram Panchayat or local NGO etc. Based on earlier experience of an NRDMS micro level village development planning using geospatial technologies project carried out in Chharora village of Mewat district in NCR, challenges and opportunities are discussed in context of village ponds and their role as big source of ground water recharge particularly in conditions where ground water is continuously depleted due to over exploitation mainly for irrigation. Paper also discusses the Issues and highlights the possibilities of how the quantitative and qualitative GPNP model may play a major role in these efforts.