

No.	AGES-P-01	
Title of the Project	Preparation of Integrated Watershed Development and Management Plan for <i>Grama Panchayts</i>	
Name of Funding agency/ Client	Kerala State Remote Sensing and Environment Centre (KSREC), Thiruvananthapuram	
Name of Investigator/ Coordinator	S. Mohankumar	
Associate/collaborating institution, if any	-	
Nature of project	R&D/Consultancy /Implementation monitoring/ Quality Audit/EIA/EMP/Resource audit/mapping	
Area/Location	Pookattur and Nediyruppu <i>Grama Panchayats</i> of Malappuram District, Kerala State	
Status	Completed (2002)	
	Duration	Six months
	Date of Initiation	21 March 2002
	Date of completion	20 September 2002
Brief description of the project (<i>objectives, approach and salient findings/recommendations</i>)	<p>Major objectives of the study were to delineate the groundwater potential zones and identify the development units having homogeneous features related to slope, land use and soil characteristics. The study also aimed at evolving a working proposal for integrated development of the area with due emphasis on the optimum development and use of natural resources viz. soil, water and biomass. The study was carried out through field survey and laboratory analysis involving advanced technologies such as remote sensing, terrain analysis and synthesis of soil characteristic along with integration of secondary data. As part of the study the existing water resources were identified with its yielding capacity and fluctuations were evaluated and potential sources were identified. The study also focused on discerning measures for augmenting water yield and enhancement of moisture regime.</p>	