

N10 Himachal Pradesh	
Title/ Name of work undertaken	Community Based Spring Recharge Work in Thanakasoga Panchayat
Location	Thanakasoga, Luhali & Dhyali Panchayat, District Sirmour, Himachal Pradesh
Organisation/NGO/Persons responsible to undertake the work	People's Science Institute, Dehradun Dr. Ravi Chopra, Dr. Anil Gautam
Description	<p>Five baoris were selected for rejuvenation - Mandir baori (B1) and Lower Baori (B2) in village Thanakasoga, Lower baori (B3) in village Luhali; Sita baori (B5) and Kishan baori (B6) in village Dhyali. These sites were selected on the basis of spring (baori) dependency for drinking water and feasibility of interventions based on hydrogeological studies. Control baoris were also identified in each village to record comparison.</p> <p>Continuous Contour Trenches (CCT) and Staggered Contour Trenches (SCT) were constructed in the recharge areas. The size, number and type of these structures were decided depending upon the hill slope. SCTs were the main recharge structures for pasture land where surface slope was less than 40 percent and CCTs were the main structures for agricultural land. The total area treated was 13 hectare with 358 CCTs and 565 SCTs. This created a storage capacity of 744 cubic meters.</p>
Outcome	<ul style="list-style-type: none"> - Enhanced spring discharge high lead to a more equitable water sharing mechanism amongst communities. - Treatment activities in recharge area of Thana-1 baori increased flow in the Sattarbhodon <i>gadera</i>. - Increase in availability of water (see bar graph). - Increased spring discharge resulted in reduction of geogenic contaminants like iron.
Photographs	

