

SLM04 Road Runoff Harvesting

Road runoff harvesting can make a difference between drought and harvesting. Farmers have developed different techniques to cope with the climate change, using traditional methods and adopting some recent innovations.

Road runoff systems can be divided into those that make use of water from a culvert, those who collect road runoff in small quantities, those who let water flow in the farm and those who collect water in ponds. Water progress is guided by retaliating earth bumps and ditches then the water spreads out across to the fields into the fields into the thirsty soil and fruit trees.

Benefits

In places of excessive rainfall, road run off can still be implemented by collecting the water in a pond in the farm which can be used for fruits and vegetables.

Road runoff protects the environment by preventing soil erosion where the top soil is transported to the river leaving farms unproductive. It also helps in adding water to the soil.

It helps to increase yields on the farm and makes the crops more resilient and allows crop diversification.