

## Resource Management in Sikar : An Analytical Study

Suman Bajiya

### Introduction

In day to day life of man the importance of resources is very essential. Without resources man cannot fulfill his needs. In short on existence of resources man's life is exist.

There are two types of resources one is natural and another is human resources. Because of resources man had made progress but in now a days because of human interference resources are deteriorating. Due to increasing urbanization, shifting cultivation, deforestation, irrational use of resources and negligence of human beings resources are on the verge of extinction. If it is continued man's life will come in danger so proper resource management is necessary. Resource management includes planning, allocating and scheduling of resources to tasks, which typically include manpower, machines, money and materials.

In short it is need of the hour to resource management. It should not depend on resource management decision but proper action should be taken. Sikar is the best example of resource management. Residents of Sikar have shown to the world how to manage resources from their actions. It exercises good effects on their life.

In present paper attempt has been made to show that how residents from Sikar district have conserved natural resources and it has influenced agricultural, social and economical factors and how lot of improvements occurred in their life.

### Study Area

In the present paper Sikar district has been selected to study resource management and its effects.

### Hypothesis

1. Proper vision can change the environment.
2. Proper action can change the environment.
3. Awareness and co-operation among people can change the environment.

### Objectives

1. To study vision of people for changing environment.
2. To study the action of people in changing environment.
3. To study awareness and co-operation of people in changing environment.

### Database and Methodology

In this paper information about resource management of Sikar district has been compiled and analyzed. Information is available in Primary and secondary sources. The study has been completed and submitted during 1981-2011. Primary information has been compiled and taken from interviews of residents of Sikar district. Secondary information has been taken from information centre table of Sikar district. Interview and survey method is used to this research paper.

### Analysis

Before three decades Sikar district was lounge in poverty. It was a very small village but by doing proper

resource management this district has drastically changed. By doing so, they have an example to the world. What efforts they have taken and how they have to work hard for resource management this analysis is shown in the following stages.

### **I. Pre management**

During 1981-1991 situation of Sikar district had to face many problems, They are as follows.

1. Deforestation- People use to cut the trees for fuel, selling and constructing the houses consequently there was excessive deforestation as a result of these forest area was considerably decreased.
2. Scarcity of water- As a result of excessive deforestation there was low rainfall as well as unavailability of water storage facilities consequently residents of Sikar district had to face scarcity of water 7-8 months in a year.
3. Lack of fertile soil- Due to increasing deforestation, with the flow of water of rainfall fertile soil has flown. As a result of these there was lack of fertile soil.
4. Low income- Due to lack of fertile soil and lack of water income source from agriculture considerably decreased.
5. Poverty and unhealthy atmosphere- As a result of decreasing agriculture production people had to live life of poverty and unhealthy atmosphere.
6. Increasing rate of migration- People used to migrate to surrounding cities due to low income from agriculture, scarcity of water and poverty.
7. Laziness and addiction to alcohol- People from villages of sikar got addicted to alcohol as they had no work consequently they became lazy.
8. Decrease in no. of birds and animals- With increasing deforestation the habitation of birds and animals was on the verge of extinction as a result of this there was a gradual decrease in the number of birds and animals.

### **II. Management.**

A case study decided that if we wanted to keep away from poverty and change socio-economic position there is no option without resource management. They have decided to take following measures.

1. Ban on forest cutting- Realizing that forest is a important natural resource of human being they have decided to conserve the forest and by imposing ban on axe, grazing. It was decided that anyone found while cutting trees will be punished in the form of money. The punishment was given to the person who were involved in cutting trees. This step has created good efforts to conserve the forest.
2. Efforts have been made to Increase underground water level-For increasing underground water level residents of Sikar district work hard and find solution By cumulative co-operation they have constructed small dams.
3. Use of modern techniques in agriculture- They have shifted their attention from traditional way of agriculture to modern technology. With the help of modern technology they use modern seeds. Consequently there is considerable growth in agriculture production.
4. Priority to agriculture related profession- Not totally depending on agriculture they started agriculture related work such as animal grazing, Apiculture, removing oil from fruits and seeds.
5. Creating inexhaustible resources (biogas) and then converting them into power.
6. Efforts made for healthiness- They clean the district for healthiness. The district is now free from open defecation. They have mosquito net to protect themselves from mosquito bites, use of Jeevan drop for

purification of water. They also arranged excursion for creating awareness among the people of district about environment.

7. Steps towards getting education- People are aware of importance of education. They come to know that overall development of surroundings can be increased only when path of change go through education.

### III. Post management

Proper resource management has been done by residents of Sikar district at village level. As a result of these following good effects is seen.

1. Increased forest area- By imposing ban on axe, grazing they are able to conserve forest. As a result of this number of trees is planted, forest area is increased, low dense forest converted into high dense forest.
2. Increased underground water level- With increased forest area, there is normal rainfall. Due to farm ponds, small dams water level is increased from land upto 80 feet from land surface.
3. Increasing income source due to agriculture production- Due to increased ground water level in the year 2001. With the help of modern technology agriculture production is increased. Crop production is increasing other than tradition crop such as onion, mustard, potato, wheat, vegetables etc. By the use of modern technique of wheat cultivation its effect is increasing wheat production consequently. To some extent there is economic stability.
4. Soil conservation- By conserving forest and constructing dam fertile land is available for agriculture instead of soil erosion.
5. Decreased rate of migration- People used to get work in district due to agriculture related profession created by villagers. People used to migrate from village but because of the availability of water migration rate decreased.
6. Increased rate of education- Most of the boys and girls from Sikar district getting education at village level. They understand the importance of education. Today Sikar district has produced many teachers in School, College and University level working outside.

### Conclusion-

By doing proper resource management, social, economical and political stability can be established in society. Villages of sikar district has shown in this example. Development of this villages of sikar district is totally depend on government job and agricultural. They no longer depend on government scheme. It is clear indication that resource management is need of the hour, if human being is not able to manage resources properly existence of human being will come into danger. For resource management we no need maximum participation of people and proper guidance, it is very needful to manage local level itself.

*Research Scholar, Department of Geography,  
University of Rajasthan, Jaipur*

### References:

1. Interview of citizens from villages of sikar district
2. Information Centers of Sikar district
3. Rajasthan Patrika News Paper
4. Dainik Bhaskar News Paper
5. kurukshetra magazine