

# INDIAN INSTITUTE OF FOREST MANAGEMENT

## Working Paper

### **Forest Carbon Projects and Biodiversity Conservation related issues**

- H S Gupta, IFS, Professor, Faculty of Technical Forestry

#### **Abstract**

It is proved that climate change is having a significant impact on the planet's natural resources. Bio diversity forms an important part of earth's eco-system and it has strong linkages with climate and its variations. Ethically, environmentally and ecologically also it is very important to preserve almost all kind of forest resources that exists on earth. The rich variety of life on earth has always had to deal with a changing climate. Rising greenhouse gas emissions pose a dangerous threat to our atmosphere and threatening human and natural communities in different ways. Hence, it is one of the principle threats to the biological diversity of the planet. People and the natural environment have become quite vulnerable to the impacts of climate change. The last several decades have been a huge loss of species; consequently wide arrays of approaches/projects/tools evolved in order to save the diversity on the earth. A forestry carbon project (for earning the credits for sequester carbon through market based mechanism) is proving out to be one of the important way to conserve the diverse flora and fauna in a sustained way at the project site, which are primarily meant for promoting in-situ conservation. This paper emphasizes the importance of a forestry carbon project for related issues which are important for the conservation of biodiversity by attracting conservation conscious purchaser of carbon, such project attempt to climate change mitigation in a cost effective manner.