

## Chronicle of Bioresource Management

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Bioresource, the term is broadly linked with any resources of biological origin, whether it is wild or domesticated, whether human being or microbes; flora or fauna. Our world, with its increasing age it is continuously facing numerous changes of different origin- physical, geological, chemical, biological, ecological, social, cultural and even economical too. On broader perspective, these facets are interrelated and interdependent also. These changes not always bringing about positive outcomes, many a time these are crucial and problematic for growth, development and maintenance of bio-resources. There are certain distinctive features to be worth presented like forest cover is declining for due cause of industrialization and urbanization; however, which having marked effect not only on hydrological cycle but also on wild flora-fauna and biodiversity at large. Rapid urbanization and massive industrialization without following eco-friendly model is causing air-water-soil pollution and thus this so called development in a sense causing threat to biological habitat. Did primitiveness or lack of civilization can mitigate the problem? Our own developmental projects including industrialization, power, massive use of fossil fuel in industry, agriculture and transport is evolving as pollution giant and impacting on climate. Changing climate is putting forth the challenge of living to every biological creature in its own way at its own location. Tropical areas are becoming hotter; temperate region are getting less chilling hours; oceanic movements are getting affected; sea water level getting raised; arctic ice covers melting faster. In one hand, when in the way our earth is getting less hospitable, on the other; during this toughest time we need to erect a robust food production enterprise to suffice the food security of ever increasing

population. Agriculture not for food only; safe food, quality food is also concern. Contamination free safe drinking water is a great challenge to face. Indiscriminate use of synthetic chemicals for agriculture & food industries has created long term eco-hazards. Heavy metal contamination is also a big issue particularly in industrial peri-urban areas. Changing climate is evolving such disease strains, pathogens and pests which are tough to manage or some extent unmanageable and life threatening. Human, most advanced living creature, from its origin have been using resources for livelihood; however, the unbalanced and improper utilization of resources of present time has created socio-economic problems also. The best way to conserve and optimum use of bio-resources is to have sustainable model for bio-resources management. We can't negate the need for development; in every aspect, however, it is also true that we can't afford these losses in biodiversity and bio-resources that ruins ecology and environment of present or of future. Thus, sustainable bio-resource management is a key answer for sustainable livelihood.

Chronicle of Bioresource Management, is our sincere effort to frame a platform for scientists, researchers, academicians, policy makers, farmers, industrialists, civil society and people at large working for bioresource management and conservation across the globe. It is our attempt to make a human chain, a global team; a global network for the said purpose. This International Publication will depict scientific articles, monographs, case studies, policy papers, reports, news etc. and act as a window for showcasing relevant experience to rest of the world.