

Chapter 8

Recommendation

A new extension paradigm is configuring now in the domain of social ecology. Douglas Ensminger, the famous extension scientist across the world, mentioned that the future extension is to behave and perform within a social-ecosystem and is to be characterized with more ecological issues than any time before. The brunt of global warming is going to deplete the productivity of rice and wheat to the tune of 12% and 20% respectively. That's why productivity is the basic concept of energy balances i.e. more energy emission means declining of productivity very fast, no matter, the amount of nutrient is increased

Most of these consequences are not hither to researched into and found room in research-realm of agriculture extension. The findings of the research thus have led to generate following recommendation:

- Farm energy management, as an essential ingredient to farm production, may be included in the farm policy both at micro and mega level.
- Farm energy auditing, through a modified extension policy, shall be incorporated in the farm management activities by the department of agricultural and allied sectors.

- Energy monitoring is essential, while the pace of agricultural modernization is up by denying the issues like water-soil biodiversity and energy conservation.
- Farm profitability and estimation of cost- benefits therewith will form a new parameter, energy efficiency, can be tact therein.
- A new cataloguing of the farmers can be done, not based on holding size categories only, but having a sachet of consideration on the energy performances of the farmers.
- A new chapter to the extension curriculum, like energy management or energy auditing, can be incorporated while be formulating in the course curriculum of new age extension.
- The geo-spatial distribution of energy balances and energy emission can be customized and can be articulated to the micro level strategy on global warming and climate change.