

Climate Change, adaption and Women vulnerability issues

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Abstract

Without any shadow of doubt, the change in climate is a critical issue of debate among scholars associated with diverse fields including social scientist engaged in reviewing the problem at spatio- temporal scale. It is a matter of great concern for us that consider the related issues in quite different manners so that sincerity and severity of the issue may receive vital importance about change in climate like the unprecedented increase in global temperature, floods, scarcity of food and essential goods and degradation of natural resource with impending demand of rapid population increased growth. The local and global issues are so intricately involved in the climate change that it is not so easy to demarcate their impact locally or globally. The ongoing debate and discussion regarding the climate change acknowledging the general masses that how we can contribute positively and actively in reducing the corresponding effect of climate change upon the world community. It is the foremost duty of every inhabitant living on the surface of earth that understand the issue while using the available traditional knowledge from which the local environment and resources may be put to obtain the better result without least damages to local resources. We are making great mistakes that we generally ignore the role of local people in resource management and community participation to restore the ecological sustainability in framing the area specific plan and policies remained ineffective and failed. The important and vital cycles of the nature always ignored and isolated in assessing the contribution in environment nurturing process, but it is a matter of great concern that we provide adequate respect and regard to the contribution given by the women since the footprints of nature, and the problems and difficulties being faced by women are result of adverse climatic processes put in central plan and policies of government and development organization orientation globally.

Keyword: severity, population, community, nurturing, ecological

Introduction

The Phenomenon of climate change is not recent phenomenon rather it is a long term process happen with the complexity of earth's bound natural and man-made processes. Climate change does not occur in short time rather it is a long term process that may take thousands of years and bring devastating effect upon the loss of property and lives.. The acknowledgement of climate change cannot be viewed ordinarily rather it requires a huge data collection from worldwide observations that sound data collection and interpretation with suitable scientific techniques. Efforts made at local and global level to know the footprints of climate change by going of the available data observation and expeditions. The discourse of climate change received sound attention of scientists in recent decades due to the urgent need of the data collection to reduce the corresponding effects of climate change especially upon the in developing and developed countries. The resources starved countries are the real victim of climate change because they have scarce resource to cope up with the adversity imposed by the climatic events like floods or drought. The international collaboration to find out the solution of climate change and suggest measures to world community that what course of action be comply to ease the impact of climate change and be in their favor or disfavor for survival. The published IPCC reports about the climate change have indicated elaborately regard the phenomena of climate change with range of corresponding effects differently throughout the world. Some areas may experience the fury of drought or other may be the victim of the flood or epidemic.

The phenomena of climate change may not be dealt simply with the other issues rather it is to be studied comprehensively with multidisciplinary approach if we do not put proper attention upon the alarming issues cause severe to environment with the climate change quickly. The consequent situation may be worse and it would be difficult for us to control or adjust with the issues. For the time being it has to be prioritized that which issues requires immediate attention and which be dealt in due course of time. There are wide range of issues associated with the climate change like resource degradation, population growth and demand for more food and clothes, further demand for more agriculture land to grow more food grains, infrastructure development, and rapid urbanization in unregulated manners abandoning the compliances put for regulation about environment sustainability. The increasing role and contribution made by scientists and governments to be integrated in order to raise the climate change issues in the right perspectives with great emphasis upon the man and environment interaction. The man and environment interaction in recent decades has taken a u-turn in order to exploit the natural resources for their own immediate benefits. This approach has caused much damage to environment without taking little consideration to environmental issues and the issues now taking the central concern of the government plan and polices. The environment draft clearly specifies the environment concerned issues which to be taken into consideration in policy formulation by the entrepreneurs. In the whole discourse, the important segment of the society has been neglected are women issues particularly the livelihood issues and their recognition in policy formulation. The study carried out in context of climate change has given little consideration to women issues without any specific reason so far. The women issues are to be raised and studies in a positive and healthy environment, so that they may receive the proper attention of world community in present rapidly changing climate scenario on global scale. . Their contribution and endeavors should be encouraged in formulating the central plan and policies. Women has always been remained an isolated and neglected since a

long time with the social and cultural consideration, but in recent decades the women issues attracted the attention of world communities that they may be assigned the respectful status and regard in sorting out the solution of gender issues. The seminar and symposium conducted largely to depict and express the problems and prospect of women issues according to the social and physical environment. The prevalent physical diversity (Temperature, rainfall, agriculture, and mineral wealth) prohibits the women to select the economic pursuits in order to earn the livelihood and sustain their life. With the passage of time, women issues like marginalization of women in economic emancipation, labour market and women participation in enterprises management, ownership of landholding, choice in giving birth to child and enhancing role of women in social transformation etc. We cannot deny the role played by the women in disaster management, preservation of social values and their monitoring, trade and commerce, education and sustain the environment and maintain the biodiversity with equal strength as co-partners of natural environment. Definitely, the present scientific and progressive society provides least importance and respect to women related issues in order to sort out them in changing societal traditional environment.

Aims and objectives of the research work

The present research appraisal carry out to outlook the changing social and physical environment predominately influenced the women status and existence with the thrust upon climate change. In recent years, large scale environmental degradation recorded viz. the cutting of forest cover and depletion of water resource caused tremendous loss to world natural resources. In response of that, world climatic processes are largely changed and transformed to bring unwarranted changes like unprecedented rise in global temperature, floods and droughts, declining biodiversity putting pressure upon the adequate availability of food and other products for local people for the survival and longevity process. The immense number of examples regarding conflict among the tribal communities to grab natural resources and plundering of the natural wealth for industrial progress at the cost of degradation of tribal belt and mineral tract inhabited by tribal people belong to them since a long historical time period. In the whole process of conflict and tension, the real victims are women and large scale vulnerable sections are children and old people. The women organizations also raised their voice against this exorbitantly exploitation with the organizing camp or strikes or even killing of innocent people visits in the tract of Naxalites affected region. The women particularly the poor and resource ravaged are the greater victim of climate change deviate the normal life to earn their bread, clothes and water and scarcity of the basic things force them to become the prey of exploiter in different forms. The whole course of action in fighting the climate change to be centered upon two or three basic presumptions-

- Priority to women issues in formulation the area specific development plan so that community participation may be ensure to ease impending stress upon the women participation in resource management.
- Lay more emphasis upon the women organizational set up that self help group who are willing to solve the problems should be promoted, and be promoted and liberty in selecting and dignity at the job work as per the prescribed laws to preserves their own skill and efficiency.

- Traditional knowledge how and wisdom should be prompted and preserved in saving and nurturing the natural resources and sustaining the life of mankind with least damage. The micro and macro level area specific problem solving policies with the consideration of nature should be drafted and be applied with the proper orientation of local and global problems.
- Women related issues like participation of women in economic emancipation, choice of employment opportunities., due consideration to their basic needs and facilities in early and at later stages, welfare programmes of improvement in life, ownership of land resources in order to empower them, equal participation in economic development process are so urgent indeed to be raised at various forum to aware the people.
- Women health issues always remain very behind in treating and meeting out the problems aroused out due to climate change that has to dealt carefully and judiciously despite any gender biasness as usually seen in planning and other upliftment process.

Conceptual and methodological discourse

The present research proposal mainly thrives upon the concept of women issues related with the context of climate change. To investigate the point of discussion it has been thought that in adverse climatic realities the women isolated and neglected in policy formulation with the perspective of their livelihood crisis and dearth of adequate scope in present environmental setting. Climate change is so sensitive and debate of issue due their social, economic and environmental implication upon the society as whole and women as particular. There is abundant regional and spatial variation in the vulnerability and sense of belonging to the repository of natural resource all over the world. Women from the developing societies are highly dependent upon the local resources to earn their livelihood and establish eco-friendly attitude in preservation and sustainability drive. Related published literature about the sense of climate change and its corresponding impact upon the women survival and existence tremendously attract the attention and curiosity of researchers in recent years. That aroused curiosity also motivated to know and interpret the critical women vulnerability issues to review the available literature and general perception built up in recent years to stamp out the climate and resource depletion issues alarmingly. It is established fact that the women from developing countries are facing number of problems which have some sense of root cause related with climate change. To mention the women climatic vulnerability issues emphasis be laid upon the scarcity of fuel food for village women, dearth of water resources, rise in temperature, desertification, women fertility and mortality, food grain supply and nutrition, social evils like dowry, child labor, exploitation and human trafficking issues and migration at local and international scale. Absence of ownership of women over land holding and property rights and capital formation, exclusion in decision making process in family and political emancipation are burring examples which really demand the further discussing and critical appraisal of women issues.

Footprints of climate change and impact on women

The apparent impact of climate change has largely affected the world community in different manner and magnitude, but the detrimental impact of climate change is being recognized the women section in different parts of the world. The examples of climate change can be visualized in different manners and natural furies like heat waves, acute shortage and scarcity of adequate supply of potable and drinking water especially the poor and venerable sections, landslides, tropical cyclones and other climatic disturbances occurred in different parts of the world. All over the world it has been established fact that degradation of natural resources plays the vital role in bringing about the unprecedented climatic furies in recent years.

Another fact about the justification of vulnerability of women in climate change is that the women are highly dependent upon the adequate supply of natural resources to fulfill their day to day needs but in recent years the large scale destruction rendered them isolated and despair in claiming the right about the resources, the materialistic and industrial sectors has captured the significant part of natural resources to enhance the industrial pace with the available local resources (water, forest, agriculture and mineral wealth) and also imposed pressure upon the natural and international barriers in restricting the frequent movements of tribal communities are real cause of concerns in present scenario that is to be taken on priority basis.

Women can play constructive and guiding role in combating the impending impacts of climate change if they are given their due position in policy formulation. They are more acknowledged about the concepts of mitigation and preparedness of disaster and climate change with adequate experience in managing the household works with local resources and maintain ecological friendly approach with damage to ecology in order to take the benefit for longer period.

Women issues in agriculture and climate change

It is important to realize the increasing impact of climate change upon the agricultural sustainability and decreasing returns of agriculture with rampant utilization of natural resources like water table declining at alarming rate and pesticides to enhance the productivity level which huge loss to land resources and environment. The direct impact of climate changes to seen in declining return from the agriculture and disturbed the supply of food grain which hunger and starvation as well as malnutrition. Women of developing countries to more venerable with the deterioration of agriculture resources because large chunk of population about more than 50 per cent of world women proportion lived in these nations and they are less possessed with technology which ushered new change quickly.

Biodiversity and climate change

Degradation of luxurious forest cover all over the world is a cause of concern with the rampant declining in biodiversity. Abundant loss is being done to those forest cover which has more industrial and commercial value in temperate and conical tress. The horizontal and vertical expansion of agriculture field has caused huge loss to biodiversity wealth but tree plantations and orchard has reduced the impact to some extent.

Conclusion

Climate change influenced tremendously in different manners like affected supply of food grains and access to fuel woods in locality, the degradation of land resources like soil depletion due to landslide and exploitation of mineral resources to maintain the industrial growth but it has caused huge destruction to ecology and women at home and working places that to be resisted in order to save themselves from the fury of severe climatic events. In recent years, it has been thought that anthropogenic and natural process is the co partners in ushering the climate change and global warming. The real responsibility to preserves the sanctity of environmental cycles mainly depends upon with limited utilization of natural wealth. Climate change needs to be perceived in dynamic manner so that multidisciplinary approach may be applied in order to recognize the real cause of climate change and global warming in past and present scenario. The whole world is facing acute environmental problems with the destruction of natural resources by the human being to live a materialist life.

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