

GROWTH OF ECONOMY: A CURSE TO THE ENVIRONMENT

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ABSTRACT

Today's market economy is basically focuses on the efficiency and the location of the technical resources and gives a very least importance to management of inefficiencies which are the part of basic natural and environmental resources. As a result of this society will not be able to get the all benefits if those alternatives are used which are least pollution generating resources. At the same time the concept of optimality or use of the optimal resources does not need to be taken care adequately of the sustainability in the actual world and their economies. Sustainability is a kind of the concept which requires consideration of posterity starting from the 1950s with the increasing demand for environmental protection. Resources and making the economical resources and environmental resources worst has attracted. The attention of various researchers in making the evaluation of the negative impact of economic activities on environment is key consideration, if we look into the expansion and growth process. At the beginnings of 20th century the economic activities were heading towards least environment effect with a major focus on agriculture activities but at the later stage with the expansion to the excessive extraction and with the use of natural resources. The damage the environment has increased the economical. World is directly or indirectly connected with the natural environment and that is why the pollution and the use of the resources are variably interconnected and always a matter of consideration for macro and micro economist. Right from the beginning of economic era this realisation has taken the tension of political interferences and policy making towards the environment both at international and national level. Across the all centuries scarcity of the resources as well as the natural resources pollution has gained a momentum that economy is largely depends upon the energy and ecological services which are provided in the natural aspect while the neoclassical growth models focus is majorly on the capital and labour intensity. The major focus is on economical process which has been completely ignored in environmental protection aspect. In modern growth theories on the other hand undoubtedly accepts the importance of human capital and technological advancements but simultaneously concentrates on the natural resources and environmental aspects because of involvement of growth and development process. Considering all these aspects in the head, the present study is in addition to the available literature on various economical studies conducted right from the traditional approach but in modern aspects which deals with the optimum expansion of development resources and development process. The recent study conducted basically emphasises on the economic process and environmental conservation which is not only fruitful in the long run but also helps in the sustainable development of environment for the growth.

Keywords: *Environment, Growth, Development, Degradation, Economic, Resources, Process, Optimum.*

Introduction

The debate and the discussion on the relationship between the growth and the protection of the environment is a long lasting detail discussion since 60th century. Most of the authors who have made a discussion on this in their course of time have concluded that the most and the long economic process with ignorance to the environment and the continuous degradation of the environment could reach to a level where the level of the pollution and scarcity will definitely stop the whole economic process. The biological angle also states that larger the size of the economy, larger will be the size of the pollution. The

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recent studies conducted on the same topic has made a focus on how the economic process and the quality of the environment cannot be go together and cannot be the supplement in complementary to each other. With the rapid growth in the population and increasing activities of industries there is a confirmed damage to the environment which will increase unless strong measures have been adopted. The studies conducted previously on the same topic have shown that the quality of the environment is making deterioration to the standards improvement level of economical growth. Various studies which have been conducted to meet a research whether the increasing economic process is in accordance with the environment quality for the long term or not. If proper measures are taken then it can be ensured that the economic process could meet an improvement in the environmental quality along with the changes in the technology. The decreased pollution could make an improvement in better economies of scale and better quality of the environment. The highest level of innovation, better investments and good technological progress will definitely help us in making a delinking of economy with the biophysical level and it is often considered as better improvement of environmental quality.

Impact of Economic Growth on Environment

The economic process has both the impacts positive as well as negative. The impact could be good or bad but if we see at the world level that most of the developed countries has seen degradation in their environment with the economic process except those countries which has given importance to the environment simultaneously along with the economic process. However, the trend as we observed in case of developed countries from the economic growth and pollution was not able to be applied accurately in case of India. Few studies have just reached to the level nearest to this trend. In this study we have tried to make a contribution to the existing stock of data so that a better prediction can be made. We have tried to find out the linking between the economical growth and the degradation of the environment with the intention to develop the better policies for improving the environmental structure of the country. The study will definitely contribute in finding out a path which is quite helpful in exploring the better economical opportunities with the least or almost no degradation to the environment. For this purpose a natural relationship need to be developed between the economic process and quality of the environment and to find out that whether economic process somewhere creates an environmental crisis or not for existing set of data in the short run. The economic growth may or may not be result integration of environment but in the long run with the passages of time the impact on the environment could be quite worst. The solution to this problem could be in the 2 way. The one is speed down the process of economic growth so that the impact on environment could be least or almost no and the other one is to develop such a policy or policies for the economic growth where the importance to the environmental protection is also given equally as we give an importance to the economical growth. Adaptation of technical conservations and advancements undoubtedly requires a lot of efforts to put into develop a better opportunity the economic process is either good or bad depending upon the environment. As we said earlier that most of the countries has encountered better economic growth but also encountered a worst or degraded environmental position. There are the several points which need a consideration to develop a clear cut policy using the cogent curve theory and hypothesis. The environmental kujnat's curve raises the various questions which creates a kind of environmental pressure but a question which arises into the head is whether this EKC hypothesis is valid for the long term and whether valid in all the circumstances or not. It is also a very questionable consideration that whether is it applicable to the developing countries or not and whether it gives a sustainable development path for developing countries? if the solution to these questions could have been found validated to the context of India also is still a negative answer to all of these questions would reveal the validity of the policy framework which is required in context to the developing countries. Various environmental indicators and fundamental measures need a value effectiveness for developing the environmental aspects a very significant motivational aspects for making an examination of linking between the growth and environment is to explore better policies for improving the environmental structure of the country and that is why this study will definitely give a focus to create a research basis for environmental growth relationship and this will result in exploring the environmental improvement structure for growth path.

The Growth Debate – The Controversial Issue

The debate on the growth aspect is a long back debate started in the 1960s when the people were making an argument on the economic expansion and its direct impact on the decline of environment and they all were expecting that it will not sustain in the future the club of Rome report has also pronounced in the report that growth which has taken place during the 70s was a polarised and really intense and the debate. On this aspect it was quite difficult as far as the sustainability and environment

growth relationship is concerned. The ultimate result of the debate was come out as achievement of the growth which was intended to limit the whole economic process. Various people have also argued theoretically that with the use of advanced technology and sufficient research and development. Various concerns which are connected with the resources depletion can be sort out but they are found various evidences which has made an argument on the theoretical aspects and has shown that there is an uncertain and sophisticated circumstances which could adversely impact the growth in the future along with environment protection and human being welfare. The debate has much time questioned the relevance and possibility of unlimited growth. Various aspects of environment and growth have been discussed differently by the different authors with an emphasis on impact of economic process on the whole environment and the welfare of the human being because the impact of resources scarcity is adversely having impact on economic process. The boundaries which has found to growth limits explains that there are various reasons under which the economical processes could achieve limits specified and these limits are somewhere connected with the human welfare. The availability of the resources and the ecosystem for the sustainable development and the capacity they carry everyone puts a limit on the growth process. The report has also given a conclusion that a continuous decrease or depletion in the resources and the generation of lot of pollution will definitely set out a absolute and various limits to the economic process making an undermination of a very popular ruling belief that the technological progress and the whole market mechanism could effectively marginalised the scarcity of the resources and the degradation of the environment. The materialistic principle of making a balance and the laws of thermodynamics has been used as the foundation of making a limit on the growth and has been introduced for the whole economic round with the limit of growth. The primary law of thermodynamics has defined the whole economic process as the process of transformation of conversion of the one form into another form instead of process of production and makes a statement that it cannot be at all created or destroyed by any factual aspects. The entropy law which has been defined in the book written by George Sue Rogen in 1979 has stated that energy matter a lot up to 100% efficiency levels and can destroy the whole earth with the greater economic progress. The two most important and popular effect of material balance principle as far as the biophysical limits are concerned to the growth are the probabilities of available resources and their supply and the finite capacity of the environment. The recent review on the matter describes technology as a double edged sword for the environmental protection they also concluded that we don't possess proper information to take the help of political aspects as far as the technological dependent industries are concerned.

Improvement in Technology and Environment

Generally the impact of the technology advancement is positive on the whole environment of an economy. A rich or developed nation or country can spend a lot of amount on research and development. The advancement in progress in the technology occurs with the economical process and that is why the old and obsolete technologies gets updated and upgraded with the new and advanced technology. Undoubtedly it gives a good impact on the environmental quality. This is the kind of technical effect of economical process. As soon as the economy moves towards the development of cleaner environment and technological advancements the production process gets faster and undoubtedly it helps in reducing the pollution which generates with the per unit output even when the output do not increases. An independent technological impact is one in which the whole cleaning process of environment occurs with the great or less automatical process due to various exogenous reasons. The impact of the technologies gets separated in the two different elements. The one element is autonomous technology in which the substitution of existing technologies adopted to make the process of production clear and cleaner and less automatical exogenous reasons occurs for production. The opposite to is that it induces technological advancement and response in which a public or private decision making is made in form of some regulations or rules and awareness with some reasonably public investments improvement so that better and clean technology can be adopted. With the more relevancy of technique impact there are various samples of efficient use of the resources and the substitution between the different resources. The contamination of waste can be ignored. The forest reduction in Germany and France has been observed by installation of flue gas desulphurization process and by mixing the two different technologies. The likelihood of improvement of such technological response suggests that various important intervening variables in a mode of a relation of income and pollution is to the extent of democracy and demand for the quality of the environment is politically affected. Because of this reason the induced technology is also called as political economical effect a lot of environmental related literature on the growth of environment have been tried to make analysis of size and effect of technological advancement to make assessment of their strength

Conclusion

The efforts made by any nation for improving the living standard of their population is undoubtedly justified but for the achievement of this goal we need a lot of economic development and in achieving this basic problem such as unemployment or poverty and the environmental degradation arises. It is undoubtedly acceptable that economic development is feasible and sustainable if it is pursued in a way that it does not give harm to the environment. With the fast movement in the process of economics, the pressure on environment increases which further intensified by increased pollution that has an adverse effect on the health of the people of nation as well as on the productivity of the nation. The economical reforms undoubtedly has put an embarked impact on the Indian economy that too with a very high rate the economic process which has generated a lot of benefits such as improvement in the standard of living, improvement in the production capacity, restructuring of the whole economical activities throughout the country. However, at the same time the environment has impacted badly. There is always a lot of debate whether it is possible or sustainable or not to achieve the economic process. That is why there is always a debate whether economic process is good or not or it is bad for the environment. In the most of developed countries the improvement in the economic process has also experienced improvement in environment but it is because of their advanced and improved technology of production. This relationship of improvement in economic process with improvement in environment as found in the developed countries does not apply or cannot be applied in developing countries or poor countries. Very few studies have been drained out in this reference but the present study has contributed in making an assessment of impact of economic process on environment. They need an examination of the linkage between the growth and environment and we need to find out the better and improved policies for improving the condition of India. The study will definitely give us and help to make investigation of growth of environment and its relationship with economical aspects and that is where the result will definitely give us help in exploring better environmental improvement opportunities.

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