

The Role of Environmental Monitoring in Promoting Environmental Engineering Renovation

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Abstract: Our country's economy has developed rapidly in recent years, but with the development of our country's economy, it has also brought many environmental problems. In the process of development, we should continue to increase our work on environmental protection, so that our economy can be better rectified. A scientific planning can better enable our country's environment to be effectively governed. Environmental monitoring has a great role in promoting our country's environmental protection, but how can we better conduct environmental monitoring is one we should consider problem. As our country's environmental problems are becoming increasingly prominent today, we should continue to strengthen our work on environmental protection and take relevant measures to continuously improve our country's environmental problems.

1. Introduction

Environmental engineering transformation has been widely used in the process of environmental monitoring in our country. It can allow our country to better monitor the environment in a certain area in real time, and this method is an effective supervision method obtained after continuous experiments. It has achieved remarkable results after experiments in many areas of our country. If we cause huge pollution to the environment, the environment will also have a certain impact on our body. Therefore, in our daily life, we must do daily precautions to protect the environment. Relevant departments should also increase environmental monitoring during the development process, so that some companies can pay more attention to environmental protection issues during their work.

2. Problems in the Process of Environmental Engineering Construction and Their Rectification Measures

From the current research in China, we can see that most of the sources of environmental pollution in China are industrial pollution, and industrial pollution also includes many areas, but what is certain is that the core of environmental engineering is how to treat environmental pollution sources. At this stage, there are more and more pollutions in the process of economic development. We should avoid these environmental pollutions in the process of carrying out our daily lives, so

that our environment can develop better. Protecting the environment is something that each of us should do because this is not something that a few people can do, it requires the continuous efforts of each of us.

2.1 Water Pollution

Water pollution is a relatively common type of pollution in our daily lives. Many industries directly discharge corporate water into lakes or rivers in the process of drainage, which will cause great pollution to water resources. Most of these water resources will be used by farmers to irrigate the land, and this water used to irrigate the land will have some impact on crops, and finally, people will also have some impact on people's lives in the process of using it. In the process of water pollution, there will be odors or excessive garbage accumulation. Therefore, water resources must be protected in the course of life. For example, in the process of discharging industrial polluted waste-water, we can treat the waste-water, recycle the usable waste water, and decompose some of the pollutants in the unusable water resources before discharging them. The state should strengthen the requirements for the discharge of industrial waste-water, so that water resources can be better protected. Monitoring agencies should regularly monitor industrial discharge and water resources, and stop and rectify some unqualified areas.

2.2 Air Pollution

Air pollution is also a link that we should pay attention to. We all know the degree of people's need for fresh air. However, air pollution is more serious at this stage, and the frequency of haze weather is relatively high. There are still many companies in China that emit a large amount of gas into the air. These gases will cause certain harm to people's lives, and car exhaust also reduces air quality. A big reason for this is that although many measures have been taken over the years to rectify the number of car trips, there are still many cars in operation. We should continue to enhance air quality so that people's lives and health can be guaranteed. When air emissions are carried out, we must ensure the lives and health of staff. The amount of air pollution emissions varies in different regions, such as some areas with rapid economic development, their air pollution is more serious. There are many ways to control air pollution, and we should apply these methods to control air pollution, so as to ensure a better development of our environment.

2.3 Solid Waste

The amount of solid waste has been increasing over the years. When people are dealing with solid waste, if they are not handled properly, it will have a great impact on the environment. This kind of solid waste will occupy a large amount of land resources, and if there is rain, it will also pollute land resources and have a certain impact on water resources. When we are processing solid waste, we should recycle the solid waste that can be used. For some that are not easy to handle, we can burn and landfill, so that these solid wastes can be treated well, instead of being piled up in a certain area. The ashes from incineration should also be treated in time. Solid waste treatment requires a lot of money, but it can minimize our impact on environmental pollution. In recent years, our country's requirements for solid waste treatment have been continuously strengthened, which can better protect our country's environment.

3. Enthusiasm to Carry out Environmental Engineering Transformation in Our Country

Carrying out environmental engineering transformation in our country can better deal with some urban environmental pollution problems, and some pollution sources can be treated centrally, which is convenient for management. For rural areas, it is also a measure to protect the environment. It can help China's rural areas better protect the ecological environment, so that the environment in China's rural areas can also be effectively changed, and bring more economic benefits to China's rural areas. For example, the common biogas engineering transformation in China not only reduces the impact on the environment, but also brings some convenience to people, and improves people's quality of life, and this measure also further reduces people's economic expenditure. Our country's environmental problems have received people's attention in recent years, but how to improve has always been a focus of people's attention. Environmental engineering transformation can make good use of our country's many resources, will not have too much impact on our country's environment, and gradually improve our country's environmental problems.

4. The Effect of Environmental Monitoring on Environmental Engineering Renovation

Environmental engineering is a manifestation of people's development and utilization of natural resources, allowing people to carry out a series of economic construction under the premise of observing the natural environment. For example, the use of biogas and new energy in China in recent years are all environmental engineering transformations, which have effectively reduced people's environmental pollution and made our country's environment better. However, in many cases, our previous exploration results of the construction unit are not obvious enough, so there may be certain obstacles in the process of formal construction, which affects the improvement of the ecological environment.

4.1 Master the Geological Conditions

Before carrying out the environmental engineering transformation, we should constantly understand the local geological structure, so that the construction can be better carried out during the construction period. If the geology of the area is not well understood, then there may be encounters a lot of problems during the formal construction process. The geological environment of different areas is different. If you only use the same method to face the geological environment of different areas, then the construction period may be delayed due to lack of understanding during the formal construction process, resulting in certain economic losses. It is said that a certain area should understand the geological environment of the area when constructing green buildings, so that it can be better guided and the land resources of our country can be better used. Environmental monitoring can detect some geological problems in the area in time, and respond to the environmental improvement project in time, so that they can do their work better during the construction process.

4.2 Data Can Be Collected Better

Technicians need to continuously collect a lot of data during the exploration activities, especially for the climate change in this area should have a clear understanding. In the process of carrying out a certain project, people should understand the environment in this area, so as to allow people to carry out their work and minimize environmental pollution. Environmental engineering transformation is to better protect the environment. The premise is to protect the environment, so in the process of development, we must continue to collect data, and we should also understand some unclear data, so that we can better guide the implementation of environmental engineering planning. For example, if you want to establish a garden landscape in a certain area, you need to understand what kind of green plants are suitable for planting in the area to beautify the area. The data collected

by the exploration work of the ecological environment can play a guiding role. The selection of plants provides some real and effective references, which reflects the importance of environmental monitoring for environmental transformation.

4.3 Provide More Opinions for Renovation Work

In the development process of environmental exploration work, the most important thing is manual guidance. Sometimes a professional guidance can make environmental exploration work better. You can give an engineering drawing in time and let people carry out construction work according to this drawing, for example when talking about what environmental protection measures should be taken near the expressway, professional personnel will give the most professional guidance at this time, allowing people to give the most correct guidance according to the environment of different regions.

Strengthening environmental monitoring and management can make environmental monitoring more accurate and effective, and can also ensure the development of many environmental protection work in China. Put forward more effective measures for people to make people more accurate in the process of carrying out work. In the process of environmental monitoring, a complete system is needed, so as to allow for better collaboration between various departments and better development of environmental protection in our country.

5. Discussion

The deterioration of the natural environment will bring many problems to people's lives. Therefore, in our daily lives, we should not put all our eyes on economic development, but also put a certain perspective on environmental protection, so that we can To achieve real long-term peace and stability, leave something meaningful for our future generations. Environmental monitoring is an important task for pollution control, and it plays an important role in the development and protection of the environment. Therefore, relevant departments must take certain measures to carry out environmental monitoring work to make our country's environmental monitoring work more effective.

References

- [1] Huang Hezheng(2020). *Analysis of the promotion of environmental monitoring on environmental engineering construction [J]. Sichuan Cement, no.7, pp: 140+142.*
- [2] Wang Jinjin(2020). *Analysis of the promotion effect of environmental monitoring on environmental engineering construction[J]. Resource Conservation and Environmental Protection, no.4, pp: 49.*
- [3] Liu Maomao(2020). *On the promotion of environmental monitoring on environmental engineering renovation [J]. Environment and Development, 2020, vol.32, no.1, pp: 150+152.*
- [4] Li Enming, Yang Zhibin(2020). *The role of environmental monitoring in promoting environmental engineering renovation [J]. Farm Science and Technology (Late Period), no.5, pp: 204.*
- [5] Cong Na(2020). *The role of environmental monitoring in promoting environmental engineering renovation[J]. Journal of Geography, no.9, pp: 22.*
- [6] Liang Jinshi(2020). *The role of environmental monitoring in promoting environmental engineering transformation[J]. Nongjia Science and Technology (first issue), no.5, pp: 196.*