

Water Crisis Shaping the Future of Humanity

Outline

1 Introduction

Water crisis has become a global issue engendering multi-dimensional problems which directly threaten the existence of humanity. However, with mutual cooperation, sincere efforts and productive policies the intensity of the crisis can be minimized and a better future for humanity can be ensured.

2 Correlation of water crisis and the future of humanity

3 Prevailing issues germane to water crisis

- (a) Water leakages due to poor infrastructure
- (b) Agricultural loss amid water crisis
- (c) Economic depression as a consequence
- (d) Energy crisis as a by product

4 How water crisis can shape future of humanity?

- (a) Correlation of water scarcity and climate change
- (b) Socio-economic disturbance
- (c) War triggering factor

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- (e) Crippling technological advancement
- (f) Existential threat to humanity
- (g) Economic challenge to agrarian society
- (h) Disastrous consequence to ecology

5 Remedies

- (a) Maintenance of inadequate infrastructure.
- (b) Awareness campaigns for the preservation of water resource.
- (c) Global cooperation to deal with the issue
- (d) Adoption of policies to minimize water scarcity

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Conclusion

Among the divine blessings of Allah, water is most essential resource upon which ~~system~~ system of life relies the most. It does not only satisfies thirst of living thing but also helps in establishing social and economic foundation of societies. Nevertheless, for the past few decades, with rising population, the scarcity of water is being observed. Humanity has so much benefited from water resource that without it the existence of humanity would not survive. Water is linked to the food production, energy generation, social order and economic well being. Water crisis directly threaten the given factors which are responsible for the well-being of humanity. Water crisis has the potential ~~of~~ for the disastrous future and humanity is ignoring the dark consequences of this hazard. It is time for the right actions towards the preservation of water resource so that chances of hopeful future can prevail. Without any positive steps towards minimization of the crisis humanity ~~would~~ will have no future at all let alone a prosperous future.

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Water, being an essential component of life, directly affects the present and future conditions of humanity. From individual to state level, the use of water for the sustenance of life and for the functioning of social, political and economic system marks its importance.

In this way water crisis challenges not only the well-being biological well-being of humans but also it threatens the state system at macro level by dismantling social and economic sphere. Hence, water crisis alarms the bells of dark future ahead for humanity.

The current situation regarding water usage and water wastage is the evidence that the crisis can be boosted in coming years. The water wastage through water channels due to inadequate infrastructure is the main cause behind the unavailability of water resource.

Mostly in agrarian societies where water channels and canals carry water to the fields are in poor conditions due to which a lot of water is wasted every year. Such a sluggish attitude of the respective authorities will negatively contribute in shaping of future

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which is already bleak.

Due to water leakages agriculture is directly being affected. Unavailability of water results in bad crops, generating food crisis and economic disturbance. For agricultural societies and for states like Pakistan agriculture is the backbone of their economy. However, water scarcity is already putting up a challenge to such states and societies to survive in contemporary times. The prevailing issues regarding water scarcity pose survival threats, ~~and~~, God forbids, if the crisis intensifies, it will benefit humanity from any future at all. Hence, water scarcity is already declining agricultural production which can itself pose many challenges.

With that, economy is other sector ^{which is} affected indirectly and directly by water scarcity. Agricultural loss affects the production chain and the result is economic loss from individual to state level. Economic depression occurs from bottom to top in consequence. The overall economic foundation is shattered due to water scarcity. Pakistan's worsened economic conditions have been infuriated due to agricultural loss and water crisis. So, water crisis negatively

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impacts the economic foundation of states and societies.

Moreover, energy crisis is yet another curve the world is dealing with which is also boosted by water scarcity. Hydel projects which are cheap source of energy production require plenty of water resource. Due to unavailability of water the energy sector is badly affected.

Moving ahead with futuristic impacts of water crisis, climate change addresses how badly the water scarcity can take shape.

Climate change is a global environmental phenomenon resulting in erratic weather patterns. It is responsible for unseasonal rainfalls, droughts, famine and can cause war as well.

Due to climatic changes the already scarce resource of water is negatively being impacted. With rising temperatures and droughts, the availability of water is further declining.

In this way, water crisis indicates towards disastrous future with full of terrors.

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With all the disturbances water crisis can cause it will damage the socio-economic structure as well. Water crisis can erupt civil wars and even world war where winner will only acquire ~~for~~ water resource from others for their own survival. Water crisis is a problem that can give rise to multiple issues and it can shape dark future for humanity if not dealt with. Individual's ~~growth~~ social growth starts by socialization in society and in such society where laws rules, there are bleak chances of prosperous generations to grow. Hence, water crisis is a danger to social fabric of society.

Water crisis will not restrict to social damages but it has potential to erupt interstate conflicts and wars. Mostly neighbouring state which share water resources are already vulnerable to such crisis situation and can wage war against each other just to fulfill their own national interest. Pakistan and India are one example. Both states have already shown concern regarding use of water resource by each other ~~are~~ are obeying an

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a treaty for usage of water. However, in dark times, states are known for only satisfying their state interests, no one would like to sacrifice their water resource. ~~that~~ this ~~could~~ would erupt war between two nuclear power states. Hence, water crisis can shape disastrous consequences which can eliminate chances of bright future for humanity.

Moreover, in this scientific advanced era the use of modern technology and the making of such technology also require the use of water in their process. For instance, for the stability of nuclear reactors and cooling of other technological apparatus water is used very extensively. With water shortage it will be difficult to adjust requirements from social-economic to technological needs. So, water crisis cripples the technological advancement by slowing down the pace of production.

Most important effect of the water crisis is its existential threat to human beings. Water is essential source of biological stability

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of human beings. The use of water in daily life of a person marks its importance. From drinking to cooking, washing, the use of water is every where in individual's life. Its unavailability will expose one to diseases and unclean environment which will directly threaten the existence of human. In short future without water is ~~not~~ no future at all. So, water crisis can endanger the survival of life.

Last but not least, water crisis is badly affecting the ecological environment. The shortage of water for plants, trees and aquatic life not only threaten the extinction of ~~species~~ species but it also bereft humans from the benefits of ecological environment. The ecological life play humongous role in bringing stability to the world. From bringing oxygen to maintaining temperature of the globe, the ecology becomes most important part for the survival of humal life. However, water crisis has the potential to destroy this environment.

But hope should not be abandoned, ~~#~~ measures can be taken to cope with the

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issue, starting from saving the already scarce water by restructuring and renovating the water channels. It is reported that almost 90% of water does not reach to fields ~~and~~ because of water leakages. By repairing such water bodies an handsome amount of water resource can be saved which can be used in other productive work. Hence, renovation of water channels can save water and become light of hope for a bright future.

Along with structural solutions, awareness campaigns should be organized for the preservation of water. Many are ~~so~~ not aware regarding the severity of the crisis and they waste a lot of water daily. So, to minimize the ~~that~~ waste of water, awareness should be organized by governments and civil society through seminars, webinars, advertisements and by going door-to-door, so that maximum people consider the importance of water resource. To sum up, awareness campaigns can make impact in the preservation of water.

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Moreover, global cooperation is needed to counter the dangers of water crisis. States and international organizations can join ~~and~~ hands to support and cooperate on minimizing the water scarcity. Adoption and mitigation policies should be applied for water preservation. A global response towards wastage of water management is need of the time. In this way, water crisis can be mitigated and a promising future can be ensured.

To sum up, water crisis is a global issue and has the potential to threaten the existence of life on earth. ~~Its~~ Its impacts are wide affecting the social, economic, political and technological spheres of life. Its ecological impact boosted by climate change is a threat within a threat to the future of humanity. Timely measures are needed to deal with the issue with productive policies and global cooperation, however, if nothing is done to mitigate the crisis, it will light out all the possibilities of bright future and end of humanity will be ensured.