

North Asian International Research Journal Consortium

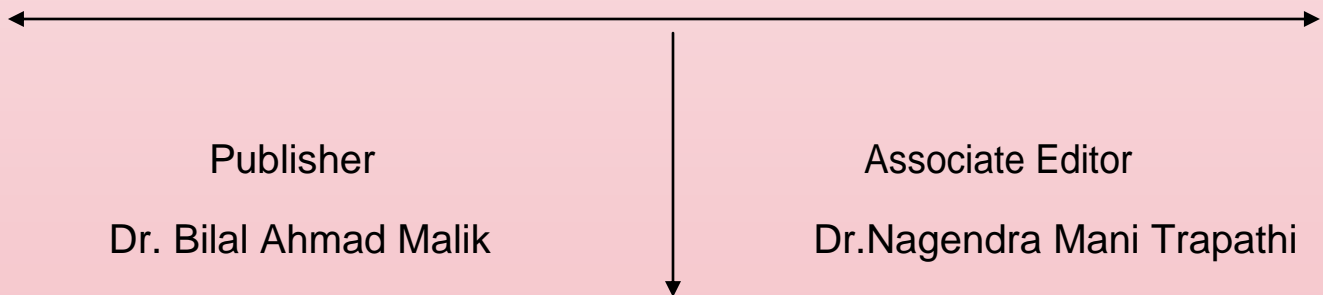
North Asian International Research Journal

Of

Multidisciplinary

Chief Editor

Dr. Nisar Hussain Malik



NAIRJC JOURNAL PUBLICATION

North Asian
International
Research Journal Consortium



Welcome to NAIRJC

ISSN NO: 2454 - 2326

North Asian International Research Journal is a multidisciplinary research journal, published monthly in English, Hindi, Urdu all research papers submitted to the journal will be double-blind peer reviewed referred by members of the editorial board. Readers will include investigator in Universities, Research Institutes Government and Industry with research interest in the general subjects

Editorial Board

J.Anil Kumar Head Geography University of Thirvanathpuram	Sanjuket Das Head Economics Samplpur University	Adgaonkar Ganesh Dept. of Commerce, B.S.A.U Aruganbad
Kiran Mishra Dept. of English,Ranchi University, Jharkhand	Somanath Reddy Dept. of Social Work, Gulbarga University.	Rajpal Choudhary Dept. Govt. Engg. College Bikaner Rajasthan
R.D. Sharma Head Commerce & Management Jammu University	R.P. Pandday Head Education Dr. C.V.Raman University	Moinuddin Khan Dept. of Botany Singhaniya University Rajasthan.
Manish Mishra Dept. of Engg, United College Ald.UPTU Lucknow	K.M Bhandarkar Praful Patel College of Education, Gondia	Ravi Kumar Pandey Director, H.I.M.T, Allahabad
Tihar Pandit Dept. of Environmental Science, University of Kashmir.	Simnani Dept. of Political Science, Govt. Degree College Pulwama, University of Kashmir.	Ashok D. Wagh Head PG. Dept. of Accountancy, B.N.N.College, Bhiwandi, Thane, Maharashtra.
Neelam Yaday Head Exam. Mat.K..M .Patel College Thakurli (E), Thane, Maharashtra	Nisar Hussain Dept. of Medicine A.I. Medical College (U.P) Kanpur University	M.C.P. Singh Head Information Technology Dr C.V. Rama University
Ashak Hussain Head Pol-Science G.B, PG College Ald. Kanpur University	Khagendra Nath Sethi Head Dept. of History Sambalpur University.	Rama Singh Dept. of Political Science A.K.D College, Ald.University of Allahabad

Address: -North Asian International Research Journal Consortium (NAIRJC) 221 Gangoo, Pulwama, Jammu and Kashmir, India -192301, Cell: 09086405302, 09906662570, Ph. No: 01933-212815, Email: nairjc5@gmail.com, info@nairjc.com Website: www.nairjc.com

WATER POLLUTION BASED ON THE ENVIRONMENTAL PROBLEM- A REVIEW

SAURABH PRATAP SINGH*

***Research Scholar, Raksha Shakti University Ahemdabad, Gujrat, India**

INTRODUCTION

In the world 5th June is celebrated as “world Environment Day.” Environment means layer around us. Air, water, animals, tress and etc are involved in Environment. According to the history of the earth, Earth was created about 550 crore years ago. On this earth, the ecosystem was created about only 90 crore years ago. When the human creation was cre-ated about 50 lakhs years ago. After the creation of earth, the Environment and condition were changed day by day. The Environment also created due to the creation of earth. The Environment is a natural creation where human lived with collaboration with nature and lived natural life; there are no questions about Environment. But when human learned the word ‘Culture’, he was estranged with nature and later he creating a perversion with the word ‘Culture’. And thet upset the balance of the Environment. In addition, the pollution of Environment increases by the furtherance of science and in-dustrilization.

The numbers of polluters are increasing day by day. So, the life of the human and animals is getting worst on the earth, for this condition, an increase in population, modern life- style and industrialization is responsible. In the view of last three decades, human has been concerned about the Environment We have to accept 21st century as a Environ-ment saving century as a Environmental problems. In that, Air pollution, water, noise pollution, sewage pollution, and other types of pollution by solid objects and etc are includ-ed.

With the development of science, Environmental questions arise. With the help of this science, it requires huge efforts from the scientists and Environmental experts to solve the questions.

In different types of Environment pollution, water pollution is the biggest problem for human being. “Water is a Life” Line has very much importance in our country. According to the holy books, our body is made of five elements. In our body $\frac{2}{3}$ part is water. Most of its requirement is provided by drink-ing water. 70% of brain and 83% of blood is made of wa-ter. So, water saves our life. The elixire of life is water. On the earth 97% of water is in the sea, which is saltier. So, it is not used for drinking directly by human 2% of water is on the north and South

Pole as an ice. So, it is also used in Agriculture, industry act. And 1% of that 97% is in the subsoil water.

Therefore only 3% of water was used to drink by humans. So, we have to save water.

The biggest parts of our countrymen's are doing water pollution by river's worship. They do not think about Pollution Rivers. Citylization, industrialization also does harmful effect on water pollution. Inappropriate way of farming, waste of water while farming and other religion and social customs are responsible for water pollution. Water pollution problems are related with all rivers of India like Ganga, Yamuna, Kaveri, Krishna etc.

HOW POLLUTION OCCURES?

Industrylization:-

Industries are taking major part to pollute water. In industry, in the production department, so much water is required. In industry's toxic metals and oil are produced, which has solids and phynols so that used water is not cleaned and it was applied in to the river and sea, lakes directly. So, the quality of water from the river decreases. So, this type of water pollution risks humans and animals life. City areas' water pollutes 75% of the rivers and industries are pollution 25% of that. That is more harmful.

Human pollution:-

Reckless growth of population creates So many wastage, which are poluting Environment. So Environmental pollution increases rapidly. The liquid and solid waste, which is produced by human consumption was inserted in to the rivers. In human's sewage *Eshperi chiya kally* and *stretophoxen* like bacteria's founded. So, the water is polluted.

Chemical fertilizers and pesticides:-

Chemical fertilizers and pesticides are polluting water. Pesticides like atrazine, Benomyl, Linuron etc, which are banned other country, are used to destroy insects, germs and used to destroy insects, germs and fungus in india in the moonson season, this type chemicals are pollution water sources directly. In the cooling system of factories, Heat pollution is created, which effect to river system Because of that, the temperature of river water increase upto 25C. So they destroy river's organ-ics so, the rivers were polluted.

The waste, which is produced from nuclear reactors, is affecting main water source of drinking water. So, the water pollution is created.

The Liquid and Solid waste which discarded in to rivers, reservoir or sea water, will pollute subsoil water.

Ganga, the one of the biggest river of the world, will be polluting all areas near its riverfront. And although it passes through the city areas and taking dirt and wastage from there to other place. Kolkata and around its industrial area, the factories will pollute 5.35 gellen water daily and polluting the holy river of India. 50, the Gangajal was polluted. As a result of that, lots of money is used to purify water of Ganga River.

That realism is a big challenge for us against pollution.

In saurashtra's Jetpur, due to the water pollution, Villages near from the Bhadar River got the red coloured water because of saree industries.

Pollution by plastic waste:-

Modern pollution caused by plastic and polythene now a day, the main reason for water pollution is plastic waste, which is dined by us. Around all cities, plastic waste is ruling.

The waste was put into the plastic bags and thrown away the central pollution control board was surveying around five big cities of India, about plastic waste. According to the production of plastic which does water pollution, the No.1 city is chennai and No.2 is Kolkata. After that Mumbai, Bangalore and Delhi comes respectively.

After the worship of god, the waste was put in the plastic bag and thrown a wag. So, the water pollution occurs to see that, we have to stay nearby the river's like Ganga, Yamuna polluted by plastic waste.

Religious belicts:-

After religious worship of god, instead of throwing things any where throw it in the river was their belicts. Such as, ash, old figurine, etc. After religious activities the idol of god is scattered in the river. So, the riverfront and whole river was polluted Although, after death of human beings, the Funeral was also put it in the river, their belicts. So, the water pollution increases. For funeral ceremony, help burn woods and ash also thrown away into the river.

Waste of City:-

Different types of activities of human beings made a lots of tons wastage in city areas. Plastic, metals old parts, different types of polythene bags, animal carcasses, a spoiled vegetable etc are included in that.

In addition, the waste of city areas is thrown in the nearby river So, That are polluted And also the drainage water and sew-age waste of urines are passed in the river directly. So, water pollution occurs. Urine and sewage of human beings are the river pollution According to a survey; more than 1918 millions litre water was polluted and then included in the yamuna river, which is in the delhi, the capital of india.

PROPER WAY TO CONTROL WATER POLLUTION:

Environmental safety act 1986 and to restrict and to control the water pollution, act was created in 1974 was passed.

Forbid you to do not spoiled water in water wells, rivers, lakes ponds, canals etc.

Mills, factories, in all areas of industrial waste in the river, sea or any other reservoir should forbid you to waste and should compel the industry to clean dirty water.

Drainage water injected in the river and sea, instead of it, a proper way must be used like suaje disposal system.

Oil carried by container in sea water, does not leak it be fall in water Oil is to be absorb from water must manage by transpot-ers. If they do not do that. They do not be allowed to carry oil by government.

Nuclear waste should be strictly prohibited to put in the river or sea.

Should put a ban on nuclear explosions coming from the ocean.

Solid and liquid household waste of cities areas cannot be disposed in the river. If they do it, they should be severally pun-ished.

To prevent contamination of the river after a fire burned the religious activity in the sacristy of the river to be banned. Do not pollute river with urine and recess. While bathing in the rivers like Ganga do not use soap and shampoos. Do not do funeral near river like Ganga. Not to do bone dissolution into river.

While taking Glimpses of river Ganga, do not put funeral in the clear water.

ENVIRONMENT PROTECTING POLICY:

Economic development and environment are the two sides of a coin. We have to take care of the harmness to the enviroment due to development process. .

Take environment protection projects, so students can learn about environmental problems in their learning period of school and colleges.

We should establish the environment protecting groups and students club to save environment.

Having a purpose to get useful matters from house hold and industrial waste water. So, we can reuse it.

The dirty water must be disposed properly and do not waste water.

Do not cut the trees. Growing them, Growing trees hear houses, both sides of the roads and also near canals. More than normal tax on the industries or companies, which produces more pollution?

The people, who were polluted due to the pollution of com-pa-nies, must be fined, and who obey the rules should be sub-sidized by government and also get benefits by that company.

Pollution – free areas should be declared like Gandhi nagar.

According to the restriction being placed by water act:

Any toxic, objects of bad smell or polluted substance will not be add to the water of any rivers, wells or lakes directly or in-directly way by human beings.

Do not pollute water by drainage system of cities, industries, without taking state government pre-approval and also make a proper way to clean up water from water system to recycle. So, we can reuse it.

CONCLUSION:

The supreme court of India has ordered to apply environment subject in all school and colleges from June 2004. To control and prevent water pollution, environment protection act has been passed by Indian government in 1976 and also in 1986. But today after the new industrial rule from 1991, the developed countries were not using this type of business but in India, they are giving loans to progress this business with the help of the word "FREE BUSINESS". Now, environmental protection policy is only in paper in the blind race of development, those who reflect pollution explosion eruption, are creating more pollution and polluting nature. If we are not awakening, our children, are taking mineral water to school today, but tomorrow they will take oxygen bottle with them.

REFERENCES:

1. Park K 2009. *Preventive and Social Medicine*. Jabalpur, India: M/S Banarsidas Bhanot Publishers.
2. Paterniani JES, Ribeiro TAP, Mantovani MC, Santanna MR 2010. Water treatment by sedimentation and slow fabric filtration using *Moringa oleifera* seeds.
3. *African Journal of Agricultural Research*, 5(11): 1256-1263.
4. Raja G, Venkatesan P 2010. Assessment of groundwater pollution and its impact in and around Punnam Area of Karur District, Tamil Nadu, India. *E-journal of Chemistry*, 7(2): 473-478.
5. Rao KR 2001. Radioactive waste: The problem and its management. *Current Science*, 81(12): 1534-1546.
6. UN Works- The Global Water Crisis 2010. From < [http. www.un.org](http://www.un.org) > (Retrieved October 29, 2011).
7. Gleick PH, Adams DB. *The Report of the Water Sector Assessment Team of the National Assessment of the Potential Consequences of Climate Variability and Change*. Water: The Potential Consequences of Climate Variability and Change. September 2007.
8. Voltz M, Louchart X, Andrieux P, Lennartz B 2007. Process of water contamination by pesticides at catchment scale in Mediterranean areas. *Geophysical Research Abstracts*, 7, SRef-ID: 1607-7962/gra/EGU05-A-10634
9. WHO 1997. *Water Pollution Control - A Guide to the Use of Water Quality Management Principles*. Great Britain: WHO/UNEP.
10. WHO 2004. *Report on Water, Sanitation and Hygiene Links to Health*. Geneva: WHO.
11. Yassi AL, Kjellstrom T, DeKok T, Guidotti T 2001.
12. *Basic Environmental Health*. New York: Oxford University Press.

Publish Research Article

Dear Sir/Mam,

We invite unpublished Research Paper, Summary of Research Project, Theses, Books and Book Review for publication.

**Address:- North Asian International Research Journal Consortium (NAIRJC)
221, Gangoo Pulwama - 192301**

Jammu & Kashmir, India

Cell: 09086405302, 09906662570,

Ph No: 01933212815

Email: nairjc5@gmail.com, info@nairjc.com

Website: www.nairjc.com

