



ISSN: 0975-833X

Available online at <http://www.journalcra.com>

INTERNATIONAL JOURNAL
OF CURRENT RESEARCH

International Journal of Current Research
Vol. 13, Issue, 08, pp.18404-18405, August, 2021

DOI: <https://doi.org/10.24941/ijcr.42047.08.2021>

RESEARCH ARTICLE

AGENTS GOVERNING STATE CHANGE OF WATER AND WATER PRODUCTION

*Nripesh Trivedi

Department of Mathematical Sciences, Indian Institute of Technology, Varanasi, India

ARTICLE INFO

ArticleHistory:

Received 27th May, 2021
Received in revised form
10th June, 2021
Accepted 15th July, 2021
Published online 30th August, 2021

Key Words:

User Behavior.

*Corresponding author:

Nripesh Trivedi

ABSTRACT

This paper describes agents governing state change of water and water production.

Copyright © 2021, Nripesh Trivedi. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Citation: Nripesh Trivedi. "Agents governing state change of water and water production", 2021. International Journal of Current Research, 13, (08), 18404-18405.

INTRODUCTION

Reproduction and Regeneration of water

There are three agents governing state change of water

-) Pressure
-) Temperature
-) Relative motion among water molecules

The example of these agents reproducing and regenerating water could be found in water cycle. The pattern found during a change brought about by these three agents is given in Fig. 1. This pattern exists whenever a change happens due to these three factors. This is also the pattern of human growth, increasing and then constant after some age.

Water production: Energy is often measured in Joules and calories. But the fact disregarded is that complete internal energy cannot be measured. Therefore, energy should be measured in fractions. Since, energy is a sum of kinetic energy and potential energy which should be taken in fraction of the total energy (internal energy). Internal energy lies in range of (-inf, +inf), therefore it need not be measured. On application of pressure, temperature and relative motion, state of water changes as described above. On continuous application of these agents, relative motion among water

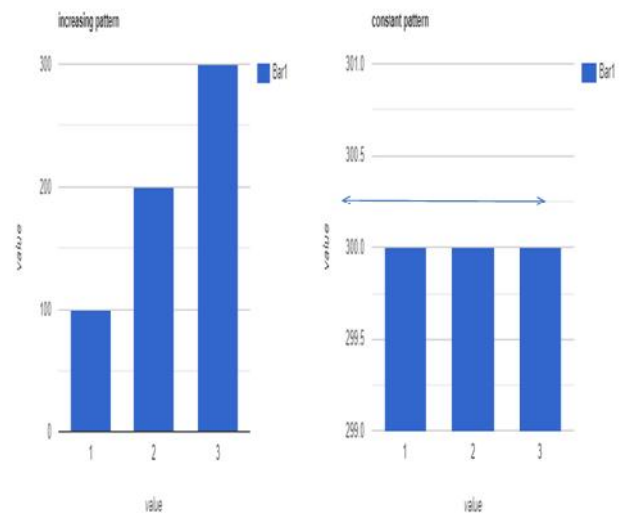


Fig 1. Increasing pattern to a constant pattern

molecules begins according to equation $E = mc^2$ [1], and energy starts getting converted into mass. After continuous application, potential energy starts getting converted into kinetic energy and water production begins. The governing principle is lowering of potential energy.

CONCLUSION

This paper describes agents governing reproduction and regeneration of water and water production.

REFERENCES

1. Trivedi, N. (2019). Verification of Equation of Energy-Mass Equivalence.
