

STUDY ON “THE DELAYED IN INTERVENTION OF ‘SCIENCE’ IN CLIMATE CHANGE SOLUTION(S), CLUTCHING THE SUSTAINABILITY OF SPECIES LIFE” ON EARTH BY AVERTING WEATHER LIKE MARS”.

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ABSTRACT

Billion years ago planet Earth was round rock ball in shape; with radius value ranges from 6, 378 km (3, 963 mi) at the equator to 6, 357 km (3, 950 mi) at a pole. Because of its orbit motion around sun, the livelihood conditions of first generation humans and their beings (Flora & Fauna) malformed at small corner. As the generations' ephemeral, the earth provided liveable space at various spots like forest, hill stations, ice caps (Glaciers), islands etc and distributed communities' culture with several modifications. When generations were passing on, the traditions and culture developed by different communities according to their availability of food commodities & elements framed by heads of that regime (Carboniferous period, dinosaurs and mammals etc), which turned the spurring change of local climate with “icehouse” to “hothouse”. The survival of above communities is under nature (Climate) atmosphere metabolic functions between Ozone and Crust by using sun rays for Photosynthesis. The maximum part of Earth was covered with snow and water (Ocean), less part is earth (Crust), where maximum creature's lives. After industrialisation, the swift changes in mechanism (Engineering) development mark crossed oceans, forest (hill stations), islands and buried several ruling histories with exploited community's population, which demanded proper network connectivity under Globalisation and Sustainable Development. Today the development mark stagnated at every corner and emitting (garbage or Waste Disposals or Air) pollutants at all angles on this planet. This is lead to Environmental changes or Global Warming or Climate Change. These changes are drastically impacting not only on the surface of Earth, but also embryonic catastrophes from upper mantle connected surfaces. This paper elevates the avocation of Earth like Mars (Other Planet) with devastation made by climate change consequences. Also, the emergency of “execute the solution(s) to reconciliation of “Species Life Science (Anatomy)” sustainability in the economies before finishing the Sustainable Development Goals (SDGs) period i.e 2030.

KEYWORDS: *Livelihood, SDGs, Development, mark, Climate Change, Crust, Ozone*

INTRODUCTION

Planet Earth is a combination of three layers, lower (Core) is liquid, middle (mantle) is rocks with liquids and upper (Crust) is solid. The core (Outer & inner) is the deepest with 2, 165 miles and hottest 6000° C (approx) by iron catastrophe, which is a creating and transferring “thermal movement (by melting iron and nickel with torrid activity), rotational activities and magnetic field (Magnetization)[1]” through other surface zones. Mantle (44.8% oxygen, 21.5% silicon, and 22.8% magnesium) [2] is a silicate rocky layer with average thickness 1793 miles and 3600° C (approx). These two hot layers are liquidising (magma), breaking (Volcanic) and exporting dross (Pyroplastic) material up to upper mantle. This phenomenon

again differentiated two layers between mantle and crust; one is lithosphere with Subduction or Zone of melting [3] i.e combination of lower crust clay materials with dross (Moho) [4] and second one, asthenosphere (plastic asthenosphere) with “plastic (polyether)” [5] released by upper mantle. The crust (Ocean & Continental) with 05 to 40 miles thickness is the only base created by science or bedlam for sustainable life. In most cases (places) crust (Continental and Ocean) avoids the entering of forbidding upper mantle temperatures by its water seepage, but the weakest zone in the crust “magma enters in to creeks by collecting wall materials (Plants, metals, crude gases etc)[6] cumulatively creek allows to develop rocks, hill stations, ridges, dikes, volcano (composite or strato, sea floor, shield, continental rift etc...) and trenches. It also framed laccoliths and batholiths in continental crust part, which also designed various mineral, metals and other texture with irregular compositions dikes or sills [7]. But in the case of ocean crust, the ocean sediments (dead animal species, flora on ocean floor etc) and catastrophes (flash floods, gales etc) carried continental wastes increasing thickness of “tectonic plate(s)” and padlock the seepage levels quickly, causes more “breakings in tectonic plate(s), volcanic eruption, earthquakes and tsunamis[8]. Again these materials transitory through subduction zone [9] and works like a fuel for raising temperatures in inner core and mantle. This kind of action speeded moist conditions inside the crust and at the same time mounted species index on surface of crust, devastating the atmospheric conditions by generating the surplus pollutants lead to rapid Climate Change (CC) or Global Warming (GW) or Environmental changes (EC). The changing climate is origin for many impediments on this planet (Figure No: 01). “Also brought many alterations in atmosphere functions like Hydrological Cycle, Seasons, Geographical Weather conditions, productions barriers (Food cycles), sustainable liveable space etc. for various species (Humans, Flora & fauna) at different locations (Glaciers, Islands, Forests, mountains etc.). Now the planet (Governance) losing their “species life science” with spawning pollution (solid, liquid or gaseous) with an imbalance created by industrialisation and globalisation. This pollution modified actions of “*nature principles*” slowly and dragged the sustainability of the majority species into endangered

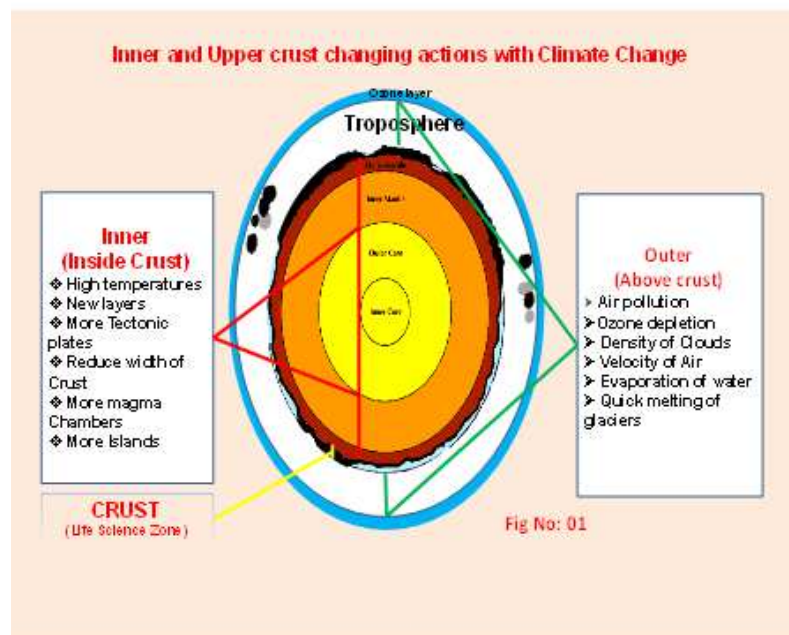


Figure 1

Principle 01 (Climate Change): As shown in figure 01, at room temperature (23° C), the 1cm radius and 15 cm iron rod took 8minutes & 24 sec to move the mercury level of inserted thermometer at other side (Side B) of candle. In the same process same rod took 6 minutes & 34 seconds to cross 40 °C levels in that thermometer. This means, planet took million years to transfer heat to all corners, but it will take very less time to destroy the obligatory levels of temperature (Climate) to demolish the sustainability of species livelihood and their food (income) providing resources.

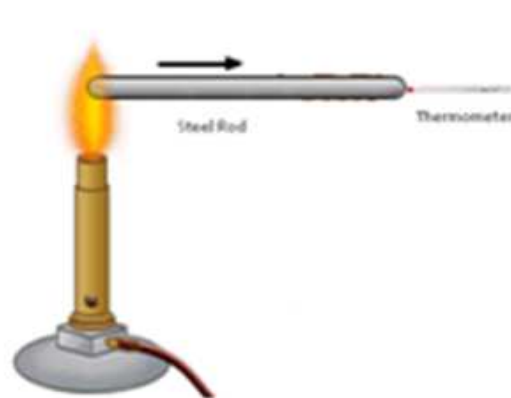


Figure 2

Principle 02 (Sustainability): Repeated the same experiment by putting an ant at 4-5 CM level, the ant freely moved on this rod up to 4 minutes and 18 seconds, after that, that ant stayed at one corner by recognising temperature and died at 9 minutes and 46 seconds. It means, species have different bearing capacities of temperatures for sustain (humans can bear 50 and above, but reptiles can't survive). Humans can migrate thousands of miles but reptiles can't. Best example is migrations from arid "farming community" with effect(s) of Hydrological cycle and Myanmar government trying to relocate its "Nation Community" to guard from raising sea level.

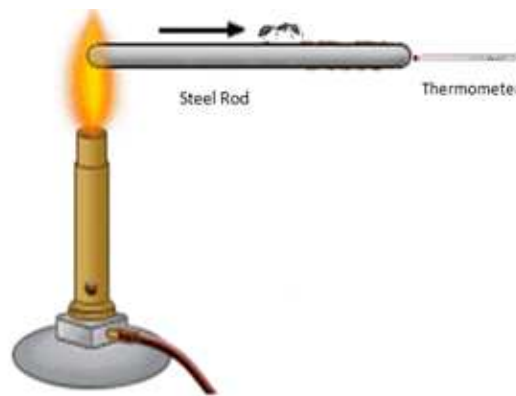


Figure 3

Principle 03 (Life on Planet): A butterfly was put in a glass container and closed with lid (shown in figure 3). After 5 minutes and 23 seconds the flying butterflies slowly fall down because of no oxygen or by breathing pollutes air. The same is happening on Earth atmosphere with lid as Ozone. Mounted pollutants are slowly crashing organism functions of species and mounting the endangered list day by day. Most of island tribal and polar communities are bearing these situations



Figure 4

Changing of Climate

Global pollution levels mounted with deforestation (axing of green belt) for creating liveable space, industries and commercial activities at one side and another side, contaminations due to chemical reactions of loaded pollutants at surface atmosphere by transport, industrial and Anthropogenic discharges brought magnificent changes in local to global climate (under Ozone), which is mounting impediments both upper and inner side of earth. These pollutions are reversing the functions of “hydrological cycle (disturbing the range in cloud formation, spreading and seeding capacities at the time monsoon & cyclone time) in several ways.

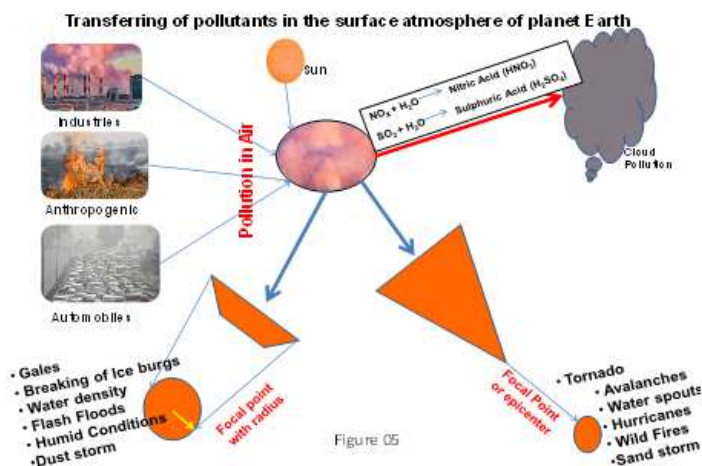


Figure 5

As shown in Figure No: 05, the emitted pollutions annoying moisture in atmosphere by mingling with other gas (gases) to form new acid (Inert) compounds in the air and clouds, which are migrating into crust (humus, topsoil, eluviations layer, subsoil, regolith, bedrock) through rains or snow or moisture. The multi combination of pollutants in atmosphere is functioning like a convex mirror in many parts on this planet. When sunrays passing through these “polluted air (clouds)”, the cumulative pollutants along sunrays path escalating density of “heat” on earth by framing different size(s) of focal points with some radius (See yellow in the above figure). This creates impediments like gales, breaking of icebergs, water density, flash floods, humid conditions and dust storms. If the pollutants are compacted in a specific

climatic condition, then they frame “dot” shaped focal point (Epicenter)[10], which lead to tornados, avalanches, water spouts, hurricanes (Typhoons or super cyclones) and sand storms. Also, these focal points stressing the earth layers to bring out the “hidden hazardous gases”, which is an motivational factor in wild fire [11]. This became a curse to sustainable livelihood of “species and their life systems” in countries or states or providences or islands.

Unfeasibility of sustainability

Quality of five elements (air, water, earth, fire, and space) drastically coming down and injecting diseases to species with feeding of contaminated water in communities’ activities like production (Grain), processing (Cooking), consuming (eating) etc; which is strongly disconnecting with development of organs, functions and reproduction capacities of species, which is mounting endangered index. Humans, whose sustainability depend on earnings based on job opportunity or nature biodiversity (water / forest / glacier / lands / others) are worsen with poor productivity or consuming levels by inundated nature activities. If the temperature mounted to 4 or 5 degrees, the sustainability of polar region communities suffer with melting ice sheets, islands with raising sea level, ocean species with loaded pollutions by flash floods, wild life (forest) with “compressed density of food cycle” & wild fires, rural communities with poor productivity in agriculture and urban communities with inflation and quality. This is again impacting on age and sex with poor nutrition (stunting or undernourishment) in all other communities because of the poor contribution of humans, dropping the sustainability of flora and fauna continuously. Under the above compressed circumstances, the sustainability of business community and governance experiencing the reverse growth.

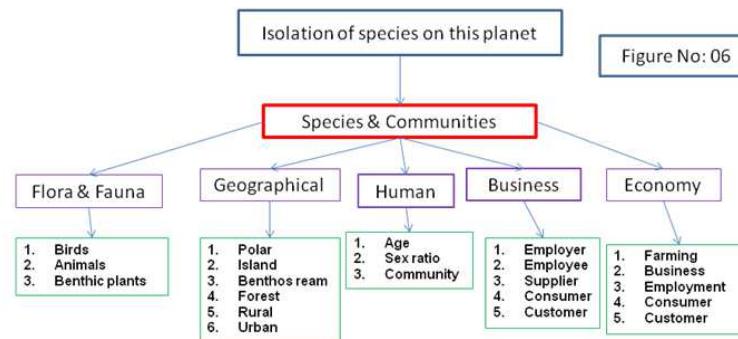


Figure 6

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CONCLUSIONS

“Statistics are like a bikini. What they reveal is interesting, but what they hide is vital” by Aaron Levenstein, Former Business Professor, Baruch College. This professor’s “motherhood” quotation is very suitable to explain pain enforced by “nonparametric subject (Climate Change) Consequences to our mother Earth. All studies elevating “statistic figures” to impress the decision or policy maker(s) and hiding the “explanation on it’s birth place”, which is uprooting “requirement of peace (rights / justice) for sustainable life of species” at various locations i.e “Pollutants are compressing (magnitude) the actions of Hydrological cycle or water cycle (Scarcity), Water scarcity weaken the productive (Income) levels in Agriculture, Business and Economy (Employment or revenue)”. Also, this vain is injecting species community in various forms like poor earning of family heads, hunger, thrust, Migrations, subsidies, undernourishment, education, Health...etc. Due to above said reasons, Species (rural or urban or wild or island or other) migrating miles for earning or securing food and water for their particular period of time and evading the fertility (laying eggs or meeting flowering) period of all species (Flora, Fauna and Humans), which is mounting the (species) endangered list all around the (nations) planet. If the global governance couldn’t take an urgent action to limit their pollutants, they can aggressively expect Mars planet atmosphere on Earth as early.

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