

THE MISTICAL AND MAGIC ICOSAHEDRON STRUCTURE OF LIQUID WATER IN ENVIRONMENT

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Abstract

Water is the most important and essential medium with the mystical and magic icosahedron characteristics and structure biological liquid for human and bio system existence with the essential role in physics, chemistry, biology, ecology, environmental engineering disciplines, medicine, health, sport, and others. The water is the strategic focal point for the economy and development of every society and all anthropogenic and industrial activities. The icosahedron geometry of liquid water is related to the 14-molecule tetrahedral structures of hexagonal and cubic ice. Twenty of the 14-molecule tetrahedral units may form a 3 nm in diameter of icosahedral structure. The icosahedral (H₂O)₂₈₀ network of water cluster shows increased stabilization as the shells the icosahedron increase order in the structure. As the consequences of the mystic icosahedron structure of water are characterized by at least 41 known physicochemical anomalies. In the field of environmental research and protection engineering and health care, each chemical species is enfolded in a water cloud which can be portrayed as [Chem. Spec.]_{aq}. The icosahedral cluster and network structure of H₂O_n is responsible for the protective water shells, "scaffander" of all polar and non polar compounds, ionic species, organic molecules of sugars, proteins, DNA, toxins, viruses (COVID19), emergent substances and xenobiotics (pesticides, pharmaceuticals and others). Water from various sources contains dissolved gases, minerals, organic and inorganic substances that are transferred to water during transformation, passage and water cycle. COVID19 is nano spherical suspended particles of supra molecule organic protein and nucleon entities with the high organization icosahedron structure, not pseudo live physicochemical species primary parasitic personality. The virus is situated in icosahedron water aerosols (nano water particulates in gas-atmosphere) present mostly in fog. In the paper the mystical icosahedron structure of liquid water will be presented in the intercorrelation with nano particles. Nano physical, chemical and toxic phenomena in the environmental protection research area is the challenge of the 21st century.

Key words: Icosahedron structure, nano particles, viruses, interrelation.