The Root Assumption of All Geophysics and Geology

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Abstract: The most basic assumption in all of geophysics and geology is the consensus that the Earth has always been solid and liquid rock. The reality is that the Earth was not always solid/liquid rocks it was a giant ball of plasma and gas much earlier in its life, much larger than its current diameter.

The root assumption in all geophysics and geology that the Earth was always solid/liquid rock was because of this reasoning and this reasoning alone:

1. The Earth is solid/liquid now, so it probably was always solid and liquid.

We can see that this is the root assumption. It was assumed to be true for tens of thousands of years. The main root assumption has been wrong since inception. The truth is that the Earth was plasma and a gas before it was solid and liquid. So the assumption can now be corrected as stated more properly for 21st century science to continue on:

2. The Earth was plasma first and then a gas before it was liquid and solid.

With this new assumption in place the vast majority of closely held theories taught by establishment disintegrate, such as plate tectonics. Plate tectonics was simply rooted in an assumption that was never questioned. Now that the most taken for granted assumption is fixed in the geosciences, we can start repairing them literally from the ground up.

PETROLOGIC STUDIES: A VOLUME TO HONOR
A. F. BUDDINGTON
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History of Ocean Basins

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ABSTRACT

For purposes of discussion certain simplifying assumptions are made as to initial conditions on the Earth soon after its formation. It is postulated that it had little in the way of an atmosphere or oceans and that the constituents for these were derived by leakage from the interior of the Earth in the course of geologic time. Heating by short-lived radio nuclides caused partial melting and a single-cell convective overturn within the Earth which segregated an iron core, produced the primordial continents, and gave the Earth its bilateral asymmetry.

We can see written in one of the founding papers in support of plate tectonics theory that it was assumed that Earth had little in the way of an atmosphere or oceans. The truth is that the Earth had an incredibly massive atmosphere as well later in its life hosted oceans that completely covered its surface. When Earth was a new born star and very young it was larger and brighter than the Sun. A simple graph is shown below the actual facts of nature, not generalizations rooted in assumptions. As the reader can see, we do not have to address plate tectonics anymore. It is obsolete. The rock cycle happened during brown dwarf stages of a star's evolution, there are no mixing, mashing, subducting plates. The heat inside the Earth's interior is caused by the star continuously cooling from earlier stages of metamorphosis and layering the gases into solid structure onto the interior surface, trapping the heat.

Star evolution is planet formation.

