

Study the Dynamics of the Earth in the Quran

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Abstract— Besides the Qur'an, the study of natural phenomena and human sense experience and underscores, this perception linked to contemplation and wisdom, and the knowledge embracing the religion throws and due to the depth and nature of the phenomena of the universe, about Creator, Knowledge derived from sense experience and reason and faith, progress and prosperity of the righteous man lay face. Taking decisive argument against science and reason with revelation of the Quran and the prophetic scriptures and mystical guidance and intuition to discover the truth and understand education and offer three ways to rebuke toward absolute knowledge and those without the benefit of one of the ways to fight rising. (Haj, 22) Furthermore, based on six References of knowledge and implicit invitation to the need to apply them, and invite people to study verses, introversive and horizons, as the most important way to know God, and the reverence and honor knowledge and ignorance, ignorant censure, the motivation for acquiring knowledge, his scientific approach also highlights. In this paper, the Qur'an perspective on the dynamics of the Earth and its features are described in the Quran.

Index terms: Geomorphology, Quran Earth dynamics

1 INTRODUCTION

WORD of the geomorphology of the first kits to be used in 1894, Knowledge about the subject belongs to the field of geography or geology, several theories were proposed. Because of these differences are due to the idea that the words used in these terms and many have speculated that the recognition has focused on the Earth and so sometimes the knowledge of the surface geology geomorphology have used instead. Postulates of the science that is concerned with the identification of land forms is comprised of the elements and factors affecting it. (Ramesht, 2006:1)

In general it can be said that the scientific geomorphology, surface form of the underlying processes is discussed so there are two important factors in Science the first surface forms and the processes that create these fixes in other words, the forces that create the surface forms so we can say that the main cause is a problem with the ground forces. These forces are divided into two categories: internal and external. Forces in shaping the direction of the creation of the earth are examined.

2 PLATE TECTONIC

Although the crust seems to be stationary however, much evidence suggests that the earth is constantly moving. Holy Quran 1425 years ago, in verse 88 of Namal Sure, it has been proposed continental drift. Sees the mountains and they seem to dwell, while moving like a cloud, the industry and the creation of strong God created everything; and of the work that you do, of course, is aware of! And certainly aware of the work that you do! The latest theory about the movement of Earth's crustal plates is called plate tectonics theory.

Tectonic plate or name plate tectonics theory, which was introduced in the late 1960s and the mechanism of continental drift, explained. According to the theory of plate tectonics,

Earth's crust is composed of a large sheet of hard rock. These pieces, (Tectonic plate) is called, Moving the plates on the Earth's mantle and molten rock that lies beneath them are floating and can be moved relative to each other. For example, the opening of the Red Sea land of Hejaz (Saudi Arabia) isolated from Africa and Iran is moving toward. Across the Red Sea at a speed of about 4.6 cm per year, is expanding and the height of the forces of the Zagros annual growth is 2-3 cm. Africa, Europe, North America, South America and getting away from the opening of the Atlantic Ocean have occurred. Another example of the Earth's plates are moving.

The researchers believe the German scientist Alfred Wegener in the first geological period before the Precambrian period (about 1000 to 1500 million years ago) Current lands the Earth all together and have formed a single land this great land (Pangaea) called. Scientists are obsessed about 1.7 Milliard years ago, the stretch of the eddy thermal performance occurred the continent of Africa is almost equally divided into two, Likewise, the geologic period of the divided continent and scattered across the planet earth today. Seven main page: Page Pacific Ocean or the Pacific plate, North American plate, the Eurasian plate, the African plate, Antarctic plate, Page Ayndastralya or Indian - Australian plate and the South American. One of the other pages Arabian plates, the Caribbean, the western coast of South America the Nazca plate and the South Atlantic Scotia noted. Screen Australia and India, nearly 50 to 55 million years ago, with one being. Oceanic plates are moving faster than others on the screen, with a speed of 75 mm per year and quiet Pages 52 to 69 mm per year, the faster they move. (Meschede et al, 2000.)

The slowest moving Eurasian plate which can be moved in close to 21 mm, Having regard to the applicability of existing lands relative to each other gradually obtained results proved that the continents split areas such as Western Europe and Africa with stones and rocks from the eastern part of America that the age and type of rocks were once connected or that the materials and elements in West African drill on the spot, found and reviews, the materials and elements in the continent of America was found in the East were identical. The result is that these two points, when they were together in one

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place. It also captures the depths of the Atlantic Ocean was discovered in the middle of a line across the ground as lava pours out and the ocean is divided into two parts, and its sides are far apart. According to recent findings, it becomes clear that God has revealed in the Qur'an 1,400 years ago, the great mystery is removed and refers to land division and separation from each other. Including those in verse 30 of sure says: Unbelievers saw the heavens and the earth were joined together and we have each other again?, And made from water every living thing, they do not believe.

Grand Ayatollah Makarem Shirazi's commentary Volume 13 page 394 examples of states that again in this verse God's sign in the Universe has been. First he says that the Quran says: (they unbelievers saw the heavens and the earth were joined and we have to open them)? (Created from water every living creature)? (They see these signs and symptoms still do not believe)

What's the purpose of (cohesion and separation) that has been said here about the heavens and the earth? Many commentators have said that the words of the three interpretations seem closer and as we said, all three interpretations in the context of the verse may be collected.

The integration of heaven and earth, the beginning of the opinions of scholars, this collection of the world's great mass of burning steam explosions caused by internal movement was gradually decomposed and stars and planets and the solar system and the earth came into being and the universe is expanding again.

- 2The purpose of continuity, uniform material world so that was all twisted together to form a single substance manifested, over time, however, the materials were separated, and the new compound was found and a variety of plants and animals and other creatures, in the heavens and the earth appeared, creatures that for each system works and has special properties, each is a sign of the greatness and power of the Lord and its end.

- 3In order to start the integration sky is not rain and it started and the integration of land at the time the plant is not grown, But God, both opened, the rain from the sky and the earth, the plants grow. Many traditions through household (PBUH) refers to the latter sense, and some of them are a reference to the first interpretation. Undoubtedly, the latter interpretation is what is visible to the eye, how the sky will rain, and land are split apart, and the plants grow, and with these words, (they did not disbelieve) is fully compatible and with these words (Made from water every Xi District) there are also a perfect harmony.

However, interpretation of the first and second sentences of this broad sense, is not the opposite, Because of visibility, sometimes comes to the science of meaning, It is true that the knowledge is not for everyone; Scientists that can only last about heaven and earth, and their integration and then to find awareness of their separation, but we know the Quran is not the book of a century and an era, but is the guidance of the ways people of all ages and centuries. That is why it is so deep content for each and every age group can be used. We relied on the fact that there is no problem with all three of the

above verse is interpreted each, in its place, correct and complete we have said repeatedly used in more than one sense of the word and not only okay but sometimes the eloquently of perfection. And the narratives we read: (Qur'an has several ventricles) may also be referring to the same meaning, (examples of Interpretation, Volume 13, page 395.)

According to the theories of the scientists and the Ayatollah Makarem Shirazi's commentary says: "Science and scientists are aware that they cannot all just about the earth and sky and their integration and then to find awareness of their separation, but we know the Quran is not the book of a century and an era, but is the guidance of the ways people of all ages and centuries. That is why it is so deep content for each and every age group," It can be said that the purpose of the verse, and then cutting off the interconnection, it is the continental drift. According to the theory of plate tectonics on Earth, so that all lands contiguous to the first and the land has the same form and then over time have been separated and have formed the present continents. There are other verses in the Quran that this may be the case that the interpretation offered, Including, verse 26, Sura Abas, the God says: Later we were half dry and half-Reversible the alternative word used in this verse is a direct reference to the phenomenon of alternative and half the land as God says in this verse later we were half dry, which means the integration of all the lands on Earth and the land was divided this is exactly the same as the theory of plate tectonics and continental split scientists later argued that it is particularly Wegener.

Or, in verse 19 of Sura Alhajar pointing to the ground says: And the earth have we spread out, and then flung firm hills and then anything, it grew in rhythmic.

In this verse says that God gave the land to expand then it flung firm hills. Today, scientists have proven that the bifurcations of the mountains and the continental plates are converging. Thus the folded mountains, caused by the collision of two continental plates or as a result of the convergence theory of heat Zheosankinal, the meaning of this verse is as Allah says first land, half by half and then, heights have been established the concept is the theory of plate tectonics. On the other hand, in verses 30 and 31 of Sura Naziat Almighty says: "After the creation of the heavens and the earth, water and plants spread and brought it» Verse above clearly suggests that land beginning of the creation to its present form is not, it is long past, but God, mighty and during this period it is smooth and ready for operation. Including interpretations of this verse, it is the theory of plate tectonics. You say that verse 31 of sura Naziat describe the evolution of biological evolution, the word "Dahv" is used to it is meant to smooth and disperse. As the Arabs say: "Rain, gravel and spread it evenly. "And the same course of English «Drift» The new theory suggests that the geographical interpretation of the above, it has been used.

Also in verse 12 of Sura Altaregh Almighty says: I swear half land and half-As is clear in this verse, God Almighty is applied directly to the word Sada that means half of it is. Sada slot in the creation of resistant and hard things (vocabulary), described as "the essence Alsd" which implies a constant de-

scribing as the land is constantly being broken. . This cut-off is happening in the present, and continuously like the Red Sea floor spreading cracks and that Iran is moving toward the Arabic page or numerous structural cracks or deep East Africa that are currently open. Lake Albert, Tanganyika and Nyasa in the cracks have emerged.

Thus the gap between the Red Sea, which separates the shell Saudi Arabia, Africa has been. The opening and expansion slots, East African countries of Ethiopia, Somalia and Africa will be separated. Probably Cretaceous crust in the Mesozoic, and specifically in this case is several cracks in the crust of the rift came into existence in Iran they spread the floor with several sub-continent would have been separated from the continental crust Iran. (Alaei Talghani, 2003, p: 36)

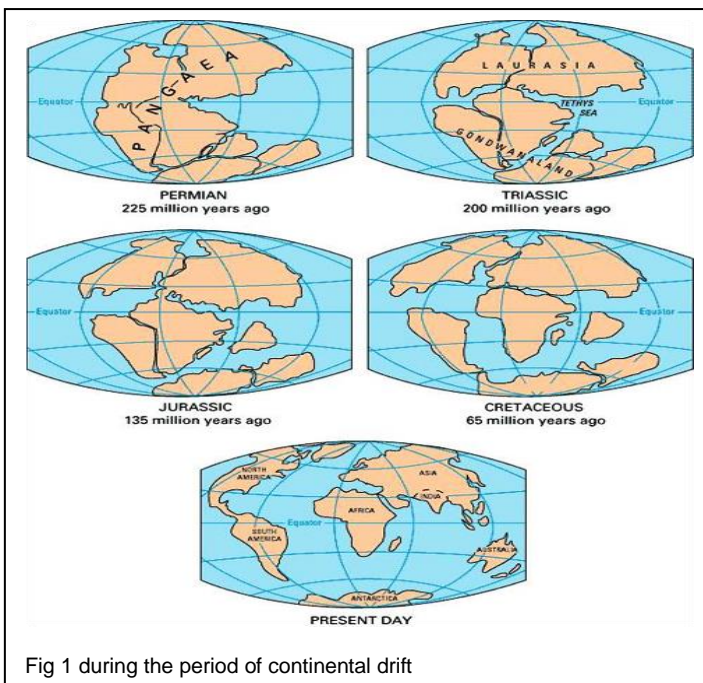


Fig 1 during the period of continental drift

. According to the theory of plate tectonics movement of crustal plates, plates are moving in different directions, and at the plate boundaries collide. Movements of the earth's crust are :

- 1Converged: the pages that are closer to the earth (pages approaching). Convergence occurs in three forms: A - If you two are that close to a continental plate and an oceanic plate, in this case, the oceanic plate moves to the Continental subpage because the oceanic plate is denser. Seduction of one plate under another page to (sub diction) says .

Seduction of oceanic trenches are formed in the deepest parts of the Earth are based on the most famous Mariana Trench in the Pacific Ocean is long. These trenches the deepest part of the earth is about 11 km depth. Part of the sub ducting crust, and is due to the high temperature of the molten planet the mantle did not melt the material balance must be evacuated. Add the melted material into why the volcano will be evacuated god said in verse 68 of Sura Alasra' sub ducting plates, and says: You may rest assured that the land will not go under?

Among other things, this verse is, it does not rule out the possibility of going to the land, go to the next verse that the land is not impossible, it will draw attention to human, and this means that there is an event or events occur which. The seas are located on the oceanic crust and oceanic crust of the earth and form the image you see below is the continental crust. In that situation, there is a possibility of turning down the part of the continental mainland, that is, near dryness.

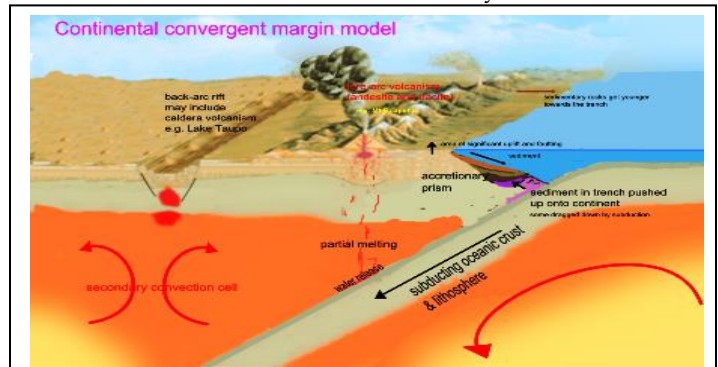


Fig 2 seduction of oceanic crust beneath the continental crust

B - If two oceanic crusts, the density of the crust that is more under the other shell is sub ducting. The volcano, which occurs in the sea, submarine volcanoes known as the islands will form arched.

C - If the continental crust are generally several times the thickness of the oceanic crust is sub ducted continental crust thickness is not. In the case of deposits shrivel, folded mountains are formed.

- 2Diverging movements: The Earth's plates move away from each other that the movement of materials from the cooling of molten material from Divergence new shell is created. Creation of the Earth's crust in this region is called because of the divergence of molten material coming out of pages in these regions and in the vicinity of the cooled air and form new crust and the oceanic mountains are formed including the expansion of the Atlantic Ocean floor that are frequently creating skins so the bottom of the Atlantic coast to the age of the shell increases. The massive volcanic eruptions, scientists recently discovered in the depths of the Pacific. They say the volcano is made of a very deep rift that has a depth of 2500 m. In a similar incident, which was a huge explosion of molten lava came up and there were dense and resulting in huge clouds of smoke into the air like a dense published.

Years before the Holy God in verse 6, chapter by stating (By the sea around the fire) may refer to this huge phenomenon.

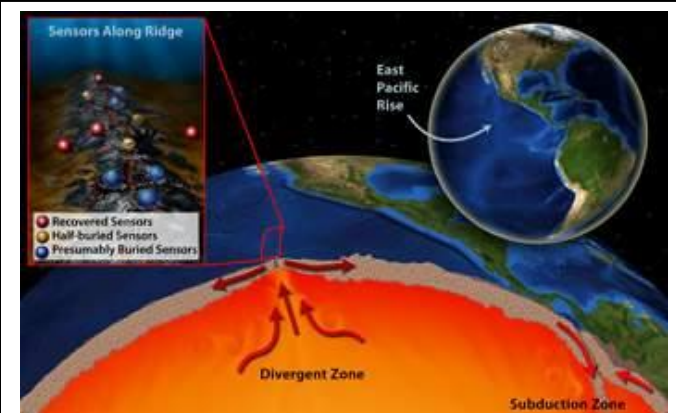


Fig 3 volcano in the Pacific (Source: The National Science Founda-

Or in verse 7, Sura Naba', God says: "Mountains pitons (guard) created the earth."

Otaḍ word is meant to be nailed. (Like what is used to fasten the tent); Which refers to the roots of the mountains as mentioned mountains on Earth's surface deposits are not but their roots deep in the earth, and the molten material is will provide a stable and solid Earth. Being nailed to the ground by the continuous formation of mountains, earthquakes and explosions to calm anxiety and turned and internal parts (molten material) and outer segments and the weather continues to fuse together and would like to shift the integral components to be connected the base of the mountains and the compressed sedimentary every part and piece of the classes that were in

place and the inner surface of the pressure explosions and earthquakes ever wanted and as if this pressure was not the interconnection between the mountains and the bottom of the nails in the ground rivets off some parts of the meeting, Earth does not hold a current foster care and comfort.

Frank Press, author of "land" in this book suggests that wedge-shaped mountains are part of a whole which has roots deep in the earth premises. His Mountains play an important role in stabilizing the crust of the earth. (Moaddab et al, 2010).

Interpretation of verse 31 Sura in the Quran 1400 years ago in the mountains quake has and the earth knows the mountains vibration, In the mountains, where we have fixed the toe, lest the people to move.

3 - Transfer Movement: The motion of the plates is moving together. Where the two shells together they are more earthquakes occurring slipping. Essentially all tectonic movements occur at plate boundaries.

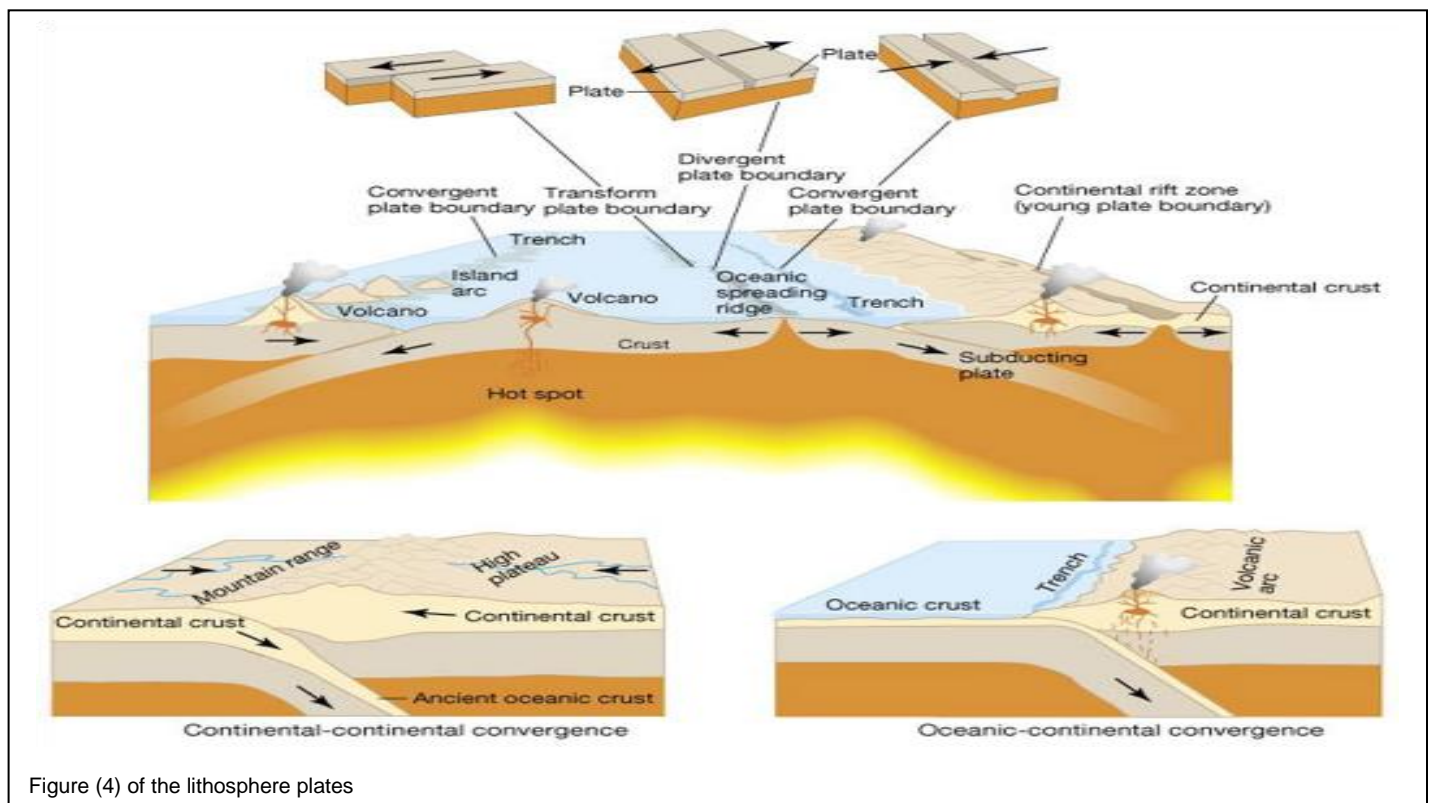


Figure (4) of the lithosphere plates

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