

Characteristic and future of resources and energy materials of Stopped CO₂ circulated system buried underground

Yasunori Miura[1]

[1] Earth Sci., Yamaguchi Univ

Results are summarized as follows:

1) Carbon-bearing coal, oil and methane of main terrestrial resources are considered to be one-state of three states, so that it requires to solve correctly CO₂ warming problem at carbon cyclic system of the Earth.

2) Natural resources of coal and oil as waists of life activity are not buried for long period at underground of regular and closed system of the Earth, due to circulation of three states of air, liquid and solid. However, these energy resources are formed underground for long period separated by rapid transportation under ocean ground of opened Earth by large meteoritic impacts, and are used at human society for production of many waists as terrestrial warming affairs to change the circulated speed.

3) Old coal of Paleozoic carboniferous period is formed by transportation of carbon-bearing materials by ocean impacts as stopped cyclic system from change of O₂ and CO₂ behaviors.

4) Formation of recent energy resources of coal and oil is the same formation system of transportation as buried underground, but is complicated origin of formation by adding active formation of the crust by plate tectonics.

5) Consumption of these natural resources at human life is significant to keep cyclic speed on the Earth to develop and apply carbon-fixing technique of warm CO₂ waists during social usage, as well as amount of carbon waists.

6) Science and technique power of buried natural resources of carbon-bearing materials as industrial application is double-bladed sword for human society to maintain Earth circulation system of carbon dioxides.

7) Effective development of science and technology to control speed of carbon circulation system by material state changes as in similar terrestrial planet is very important and urgent strategy for human society ASP.