

Closed bio-ecosystems by the systems of organisms

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Various species of living organisms on the earth have evolved for a long time. They are equipped with several important functions affecting each other. Knowledge on these functions and interactions with ecological factors is essential to secure a design of a closed-ecosystem with a limited number of living species under severe environments, such as space and deep sea or desert. This session will discuss biological and technical systems for the establishment of closed systems shown in several research reports. I will introduce this research.

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