

## Significance of engineering geo-ecosystem

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The conservation of natural environment is one of big theme in engineering geology. It is necessary to understand ecosystem for conservation of natural environments more deeply. The studies on creatures such as the animals and plants advances in ecosystem, but there are few studies to relate to the ground and these creatures. Therefore, I grasp the relation between the ecosystem mainly on a creature and environment of a non-creature, and then I indicate the ground environment that was suitable for the creature.

I propose engineering geo-ecosystem as the field of study to clarify the ground and relevance of ecosystem.

In addition, I describe geo-ecological section method and geo-ecological map presentation as a new investigation method to grasp the whole geo-ecological state. I explain the technique in detail and the example of countermeasure on advancing engineering geo-ecosystem.

Finally, I use result of the engineering geo-ecosystem meeting for this study. I thank for the meeting here.