

Our concept of nature environmental education

Nature environmental education (Ecological education) is ...

- The lifelong education for protecting (conservation and preservation) natural environment (ecology).
- The goal is to decrease over-impact against natural environment including biosis and abiosis contents caused by human as far as we can with scientific knowledge view and intension of politics.

【Essential process of Nature environmental education】

- Nature experience activity **【Awareness】**
 - ... Beautiful \rightleftharpoons Anger
- Nature learning activity **【Understanding】**
 - ... Knowledge \rightleftharpoons Sense
- Nature protection activity **【Consideration】**
 - ... Scientific view \rightleftharpoons Non-scientific view

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【Essential process of Nature environmental education】

Nature experience activity **【Awareness】** Beautiful \rightleftharpoons Anger

★Beautiful and Anger

- (1)**Awareness of Beautiful**
→Life style, benefit from nature and so on.
- (2)**Awareness of Anger**
→Damaged nature like a overuse problem and so on.

※Too much emphasis beautiful awareness***
It's hard to connect the beautiful awareness to protection activity.

We should provide various nature experience activities that it can keep the balance of beautiful and angry.

↓
local Interpreter

[Balance of Nature experience activity]

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【Essential process of Nature environmental education】

Nature learning activity **【Understanding】** ... knowledge \rightleftharpoons Sense

- (1) **Knowledge**: Learning of skill and information
- (2) **Sense**: Interpretation (Phylsophy, Ethick, Ideology)

※ It asks its own life and the present state of society, the cultured matter and so on.

→ The judgement and the meaning assignment of the learner are a key
.=The refinement of the judgement and the interpretation

※Too much emphasis knowledge***
It's hard to connect the knowledge to protection activity.

The natural learning activity keeps a balance with dimension (knowledge) having to do with an implemant and interpreting dimension (sense) according to the regional characteristics is important.

↓
Local facilitator

[The balance of learning activity]

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【Essential process of Nature environmental education】

Nature protection activity **【Consideration】**
... Scientific view \rightleftharpoons non-scientific view

- (1) Sustainability of Nature environment : With Scientific view
※ Too much emphasis scientific view***
Nature environment will be **sustainable** \longleftrightarrow Protection activity will be **unsustainable**
- (2) Sustainability of protective action : With non-Scientific view
※ Too much emphasis non-scientific view (emotional argument)***
Nature environment will be **unsustainable** \longleftrightarrow Protection activity will be **sustainable**

The natural learning activity keeps a balance with the sustainability of nature environment (Scientific view) and protect activity (Non-scientific view) according to the regional characteristics is important.

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Local Science communicator

[The balance of nature protection activity]

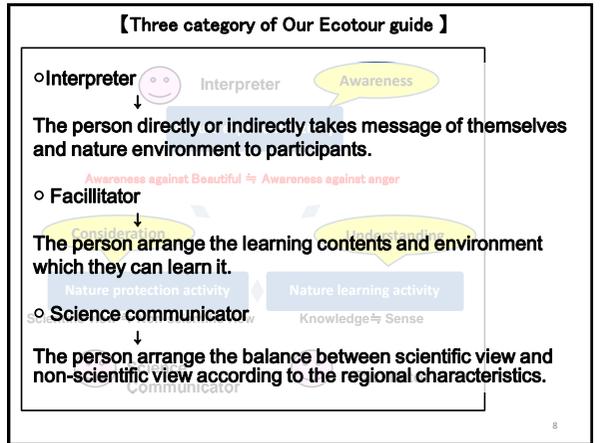
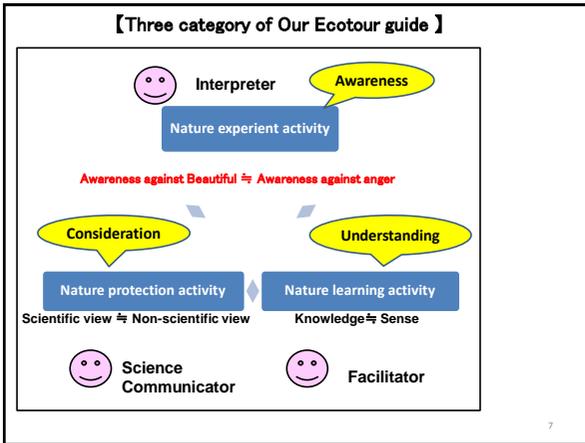
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【The model of Nature environmental education (narrow EE)】

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【The model of Nature environmental education (narrow EE)】

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Our concept of Human environmental education

Human environmental education (widen environmental education \rightleftharpoons ESD) is ...

- The Education is learning skills for protecting their important thing.
- Nature environmental education doesn't include all contents but is base on ESD.

