



SDG Evaluation:


Substance and key concepts to transform the value system

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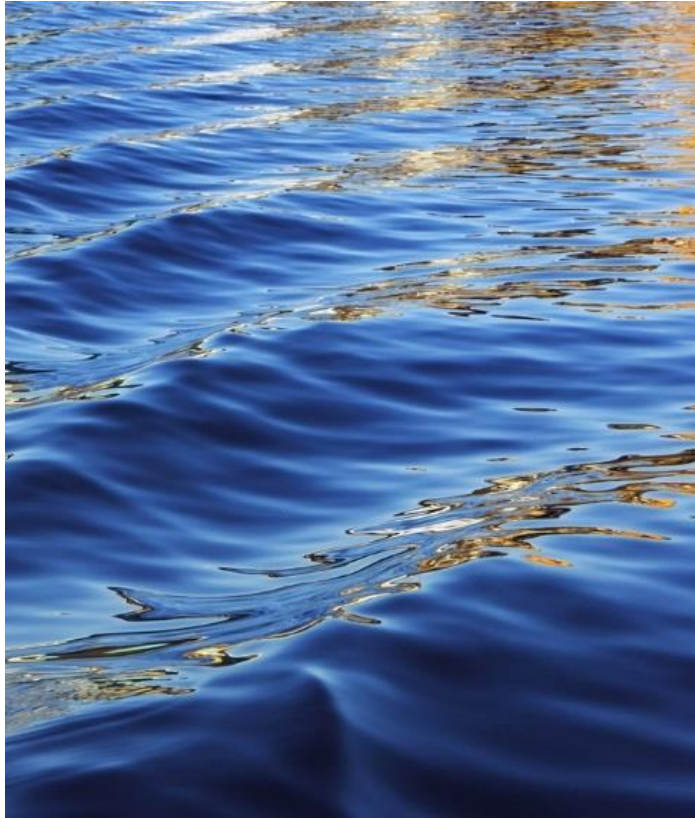


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Substance of SDG Evaluation



“SDG evaluation is difficult!” – Why?



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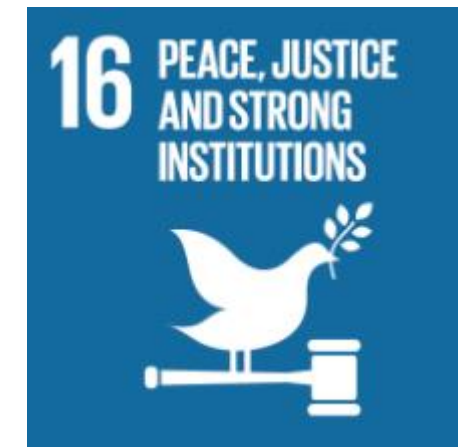
[5.5] Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life.

[Indicator 5.5.2] Proportion of women in managerial positions.



[16.1] Significantly reduce all forms of violence and related death rates everywhere.

[Indicator 16.1.4] Proportion of population that feel safe walking alone around the area they live.



What is “evaluation”? – A sociological perspective

- Evaluation = Ex-value-tion = Extract value
- *“Evaluation is the process of determining the merit, worth, and significance of the things.” “Evaluation is social betterment.” (Scriven 1980, 1991)*



👉 **Evaluation is a perspective to determine the values of human life.**

Substantive difference b/w SDGs and pre-SDGs

MDG (2000-2015)

Goal 2:
Achieve **universal primary education**



Completion of a full course of primary schooling for all girls and boys.

- Primary school enrollment (NET)
- Primary school completion
- Literacy (15-24 yrs-old)

SDG (2015-2030)

Goal 4: Ensure inclusive and **equitable quality education** and promote **lifelong learning** opportunities for all.



4.7 Knowledge and skills needed to promote SD, including ESD, sustainable lifestyle, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to SD.

▪ Extent to which (i) global citizenship education and (ii) ESD are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment

Substantive difference b/w SDGs and pre-SDGs

Pre-SDGs	SDGs
<ul style="list-style-type: none">● Practical/realistic goals e.g., Universal primary education Poverty reduction● Measurability e.g., School enrollment %, GNP <p>Technical question of measurement</p>	<ul style="list-style-type: none">● Conceptual/ideal goals e.g., Quality education Quality of life/ Decent work● Evaluability e.g., How to evaluate? What is the value to be realized/protected? <p>Reconsideration of values, according to the contexts</p>

👉 **SDG evaluation is a challenge of our value system**

Key concepts of SDG Evaluation



If SDG evaluation is the matter of value system,



- ✓ Substance > Technique
- ✓ Mindset > Methodology

→ Reexamine **key concepts** for SDG evaluation

SDG Evaluation is:

Complex, Innovative, Locally unique & No-one-left-behind.



For your further interest in professional evaluation, see:

ECOI (Evaluation Community of India) <https://www.facebook.com/evalcoIndia/>

APEA (Asia Pacific Evaluation Association) <https://asiapacificeval.org/>

→ **APJE** (Asia Pacific Journal of Evaluation) <https://asiapacificeval.org/apje/>



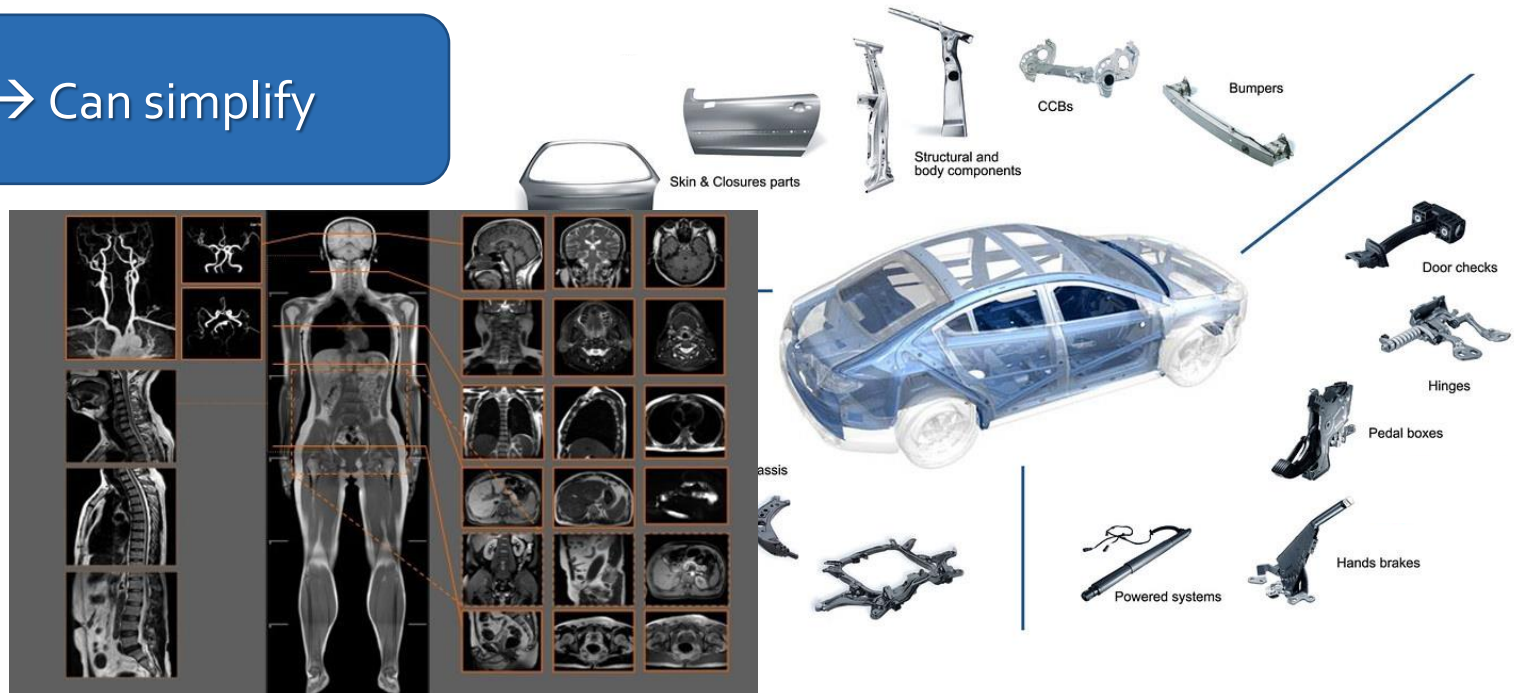
The nature of Sustainable Development (SD) is...

- **Complex**, not complicated

Need: System thinking & comprehensive perspective

Complicatedness → Can simplify

Complexity → Cannot simplify



When you evaluate an environmental project, such as the project of ocean protection from micro plastic,
→ Technical issue (e.g. collection of micro plastic)
→ Social issue (e.g. regulation for restriction) ↔ Economic contradiction?
→ Human issue (e.g. environmental education → behavior change, seed for technical & social innovation)



The nature of Sustainable Development (SD) is...

- **Innovative**, answer not yet existing

“... all communities are equal entities in terms of their relationship in the pursuit of their own sustainability ...” (Kudo et al. 2020)



- **Locally unique**, not universal

Need: Mutual and translocal learning attitude

*“A form of collective learning in a multiple-boundary setting.”
(Kudo et al. 2020)*

Kudo, S., Allasiw, D. I., Omi, K., & Melissa Hansen. (2020). Translocal learning approach: A new form of collective learning for sustainability. *Resources, Environment and Sustainability*, 2, 1-8.

Need: Participatory & coproductive approach

When you evaluate an environmental project, such as the project of ocean protection from micro plastic,

- Technical issue (e.g. innovative technology to collect micro plastic)
- Social issue (e.g. locally relevant regulation for restriction, which can harmonize economic development)
- Human issue (e.g. innovative curriculum for environmental education, considering local uniqueness)

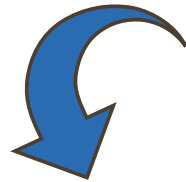


The nature of Sustainable Development (SD) is...

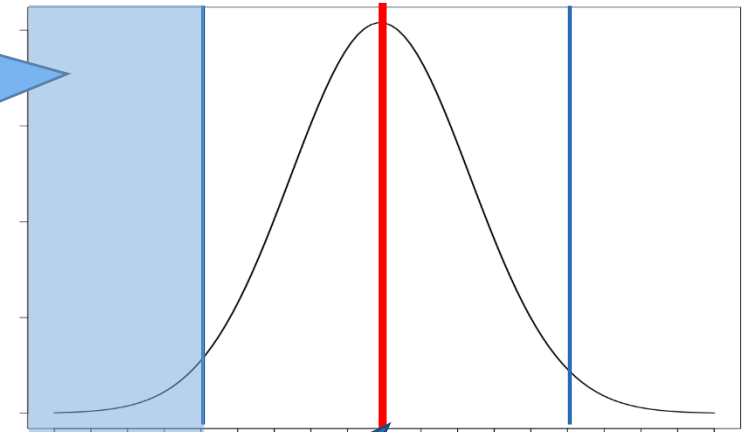
- **No-one-left-behind**, not simply focusing-on-the-average

Need: Mixed methods' evidence-based approach

E.g. MSC or Photo Elicitation
for the illiterate people
... *Not scientific evidence???*



Scientific evidence	Agreement-based evd.	Subjective opinion
Objectivity	Intersubjectivity	Personal subjectivity
"Everyone can understand"	"Stakeholders can understand"	"Only the person can understand"



Average? KPI goalpost?
or *the last 10%*?

A practical case of SDG Evaluation



SDG evaluation with the value conception

A practical case of JICA project
*"The Decentralized Hands-on
Program Exhibition (D-HOPE)"*



<https://www.jica.go.jp/project/thailand/025/news/20210930.html>

D-HOPE Discussion Paper Series

D-HOPE DPS-4

Theory and practice of Value Statement Survey [VSS]

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September 2021

The D-HOPE Discussion Paper Series is aimed to present philosophical background as well as the basic concepts for effective development and implementation of D-HOPE Approach for rural and community development. We emphasize integration of theory and practice for designing the D-HOPE Approach. The Discussion Papers are targeted at practitioners as well as scientists working for rural and community development.



Project for Community-based Entrepreneurship Promotion: The D-HOPE Project

Purpose of the project: Rural community development
with micro business in Thailand

Government KPI: Sales amount, household income

But...

What is the value that local people want to realize?



ข้าวต้มมัด
ของไทย
ใจใจกว่าที่คิด

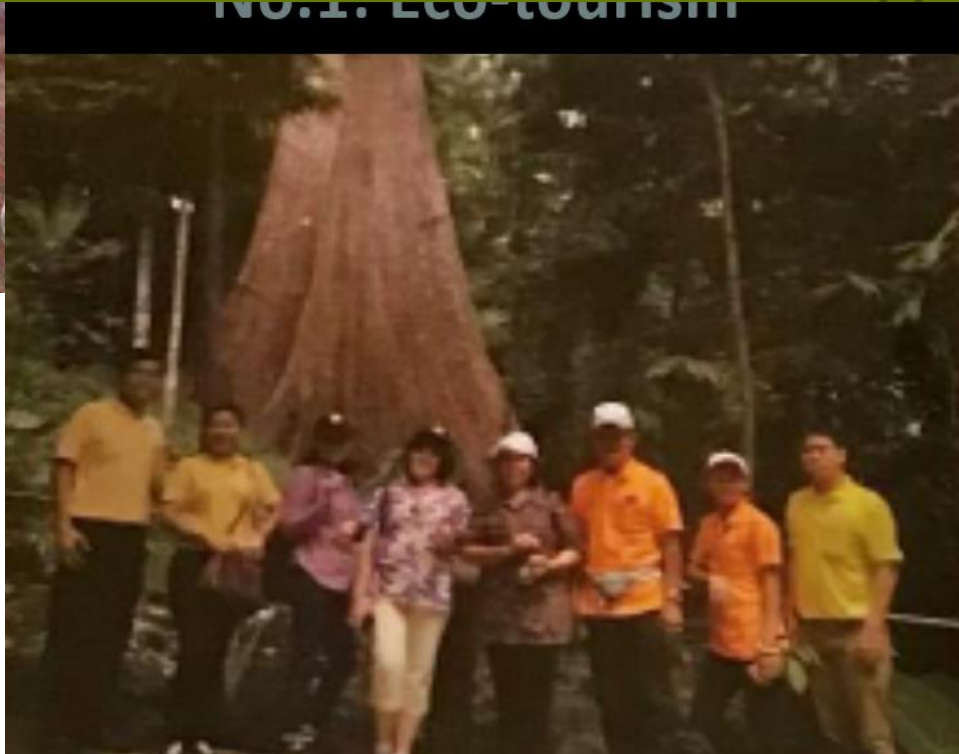


■ System thinking & comprehensive perspective: Environment + Economics

■ Mutual and translocal learning: Workshops for learning

■ Participatory & coproductive approach: Through the whole process

■ Mixed methods' evidence-based approach: Photo elicitation + VSS

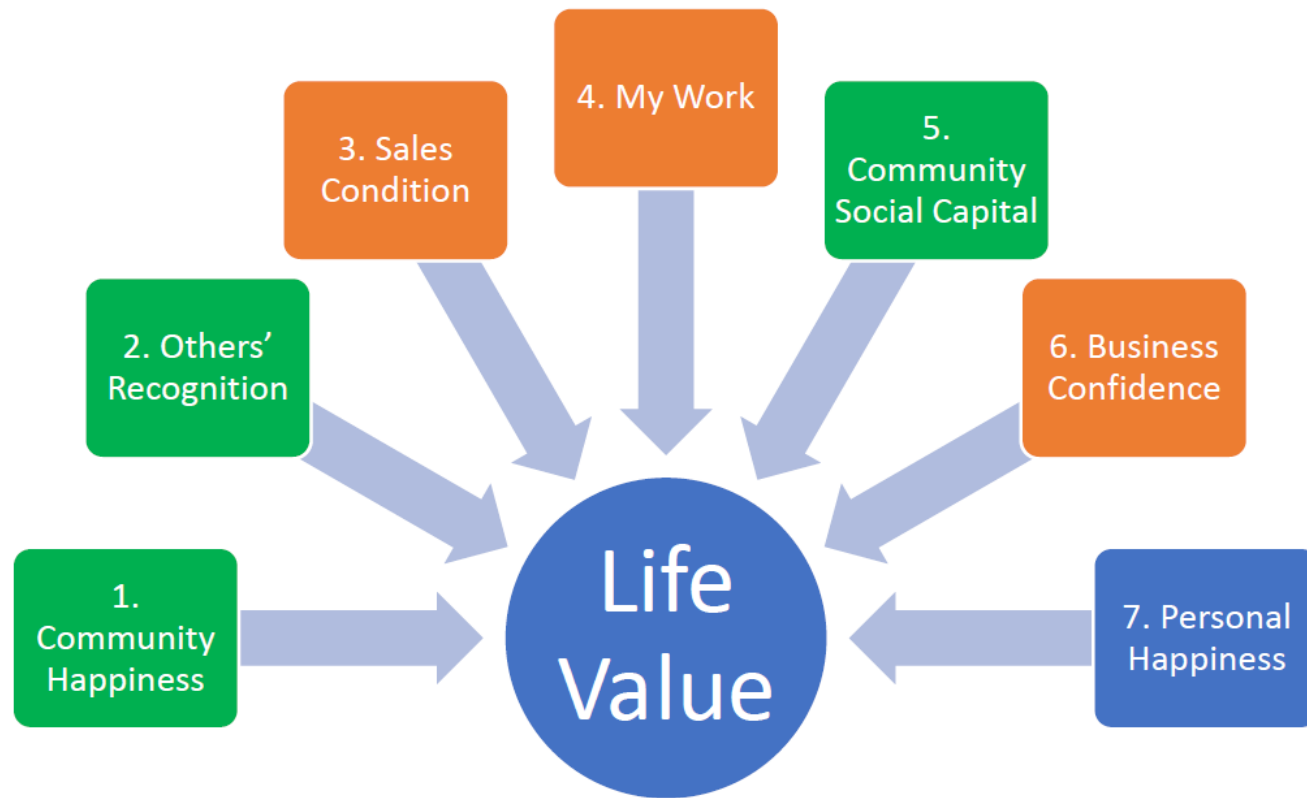


Through the evaluation workshop...

Local sense of value toward natural resources in this village became visualized, verbalized, and shared. Then, a consensus on community development with a view of environmental protection was agreed.

SDG evaluation with the value conception

Create an evaluation indicator
based on the local value through FA.
→ For an *“intersubjective evidence”*



Varimax-Rotated Factor Matrix of q8_1~20 ^a

[Sorted by size]

	Factor						
	1	2	3	4	5	6	7
q8_13	.717	.275	-.037	-.167	.047	-.052	.040
q8_11	.701	-.009	-.075	-.154	.059	.078	.115
q8_2	-.688	.264	-.058	.188	.062	.106	.259
q8_12	.565	.125	.255	.045	-.037	-.030	.102
q8_18	.041	.710	.341	-.085	.097	.243	-.163
q8_15	.121	.690	.002	.019	.108	.026	.113
q8_20	.053	.682	.076	-.046	-.344	.014	-.051
q8_8	.271	-.358	.210	.102	.181	.237	.202
q8_16	.048	.128	.825	-.254	-.036	.143	-.022
q8_19	.507	.195	.598	-.065	-.059	.120	-.076
q8_3	-.169	-.116	-.166	.770	.044	.113	-.211
q8_1	-.310	.013	-.103	.740	.143	-.420	.165
q8_14	.440	.054	.181	.261	-.604	.090	-.173
q8_4	.009	-.055	.015	.216	.561	.212	-.075
q8_17	.020	.169	.356	.143	-.523	.099	.381
q8_9	.225	.136	.086	.114	.498	.152	.270
q8_6	-.121	.068	.222	-.022	.143	.771	.000
q8_10	.144	.250	-.432	-.133	.137	.470	.208
q8_7	.134	-.108	-.052	-.215	.006	-.078	.631
q8_5	-.400	.050	-.112	.174	.082	.294	.556

SPSS ver.23

Extraction Method: Unweighted Least Squares. Maximum likelihood extraction was not completed.

Rotation Method: Varimax with Kaiser Normalization. Promax rotation produced a similar result.

a. Rotation converged in 21 iterations.

Now closing...



SDG evaluation as value-creation

Global Goals

Values for universal human wellbeing

■ From the Interdisciplinary to Transdisciplinary approach

Evaluation =
"Extract Values"
Process

Local Values

Specific human wellbeing
in each society/context

Even after 2030...

*Mindset of SDG evaluation may help
bridge b/w global goals and local values.*



“We cannot solve our problems with the same level of thinking that created them.” – *A. Einstein*

Many thanks!

