## A Pre-session for 2021 IRDR Conference

# Promoting Coherence among Disaster Risk Reduction, Climate Change Adaptation, and Sustainable Development by Establishing an "Online Synthesis System (OSS)" and Fostering "Facilitators" using OSS

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# A System Capable of SOLVING PROBLEMS SUSTAINABLY

#### **HELP STAKEHODERS on SITE to**



- 1) Understand Problem ACCURATELY
- 2) Find Out the Causes the Problem CORRECTLY
- 3) PRACTICE Planning, Implementation & Evaluation CYCLES

## **Using OSS to**

to access to a great variety science-based information

Online **Synthesis** System

3rd function 2nd function Visualization (Engagement **Process Planning** Offering Managemen Streaming' Expertise 1st function Problem Consensus Knowledge Solving Process Conflict **FACILLITATOR** for

1) Interpret and disseminate the knowledge and information stored in OSS to be useful to solve on-site problems

> 2) Feedback the findings and approaches practiced on-site. In case of disasters, using all available information stored in OSS to build disaster resilience

3) Minimize the impact of a disaster on sustainable development in societies by maximizing the power of prediction, prevention and response

4) Facilitate the reconstruction of social infrastructure and contribute to building communities back better.

**Disaster Risk Reduction/ Sustainable Development** 



A BRIEF HISTORY

	• >	•			
1950	1950	1970	1970	2000	Now
1 <sup>st</sup> introduced	introduced	introduced	introduced	become	WORKSHOP-STYLE
in	in	in	in	COMMON	APPROACH with F
GROUP	COMMUNITY	BOTTOM-UP	TOWN	CONCEPT	Recognized as
LEARNING	DEVELOPMENT	OPERATIONL	PLANNING	in	SOCIAL SKILL
		REFORM		Various fields	To INTEGRATE
DECOMMENDATION				Na	itural & Social SCIEN

#### RECOMMENDATION

The Science Community should Proliferate Facilitators

- Science can contribute to realize a sustainable, resilient international community
- 1) <u>Send Facilitators, as the translator and mediators of science-based skills and approaches</u> to the "site", where people engage in protecting lives and property and safeguarding the continuity
- 2) <u>Foster Facilitators can use a database of scientific evidence efficiently through OSS</u> so that they can fulfill their responsibilities, applying evidence-based approaches.
- 3) <u>Create a training system to proliferate Facilitators</u> substantially in collaboration with local universities, disaster research centers, and academic societies.