WG7: Synthesis

Problem Statements

• Countries with high disaster fatalities do not correspond to the higher degree of disaster risk related research with scholarly publication, which is mostly concentrated in the countries with higher economic impacts of disasters (Elsevier report, 2017)

• S&T users (practitioners) are often not consulted/participate in the development of S&T based solutions

• S&T solutions are often not properly “communicated” to the policy makers and decision makers and related stakeholders for its effective utilization

• S&T reports have relatively lower impacts to actual implementation
WG7: Synthesis  Future Direction

• Science and technology (S&T) solution and development needs to be co-designed and co-delivered with other stakeholders, especially the targeted users.

• S&T advancement in DRR needs to have a balance of: 1) using S&T in decision making, 2) having appropriate investment in S&T, and 3) linking S&T to implementation and people’s needs.

• Issues to consider are: 1) synergy, 2) mechanism of realization, 3) stakeholders to work on the report, and 4) ways to enhance the impact of the report.

• There needs to be a periodic monitoring on the utilization of S&T in the implementation of SFDRR in national and sub-national level.
WG7: Synthesis Imperative Actions

- Produce online synthesis system/platform on science and technology
- Synthesize the online information in periodic reports to be published by the reliable authority/agencies
- Make the online system participatory, multi-layered with diversity in language, user groups (from policy makers to citizen to students), intervention level (from global to local), and age group (from senior to young scientists)
- Link the online system to regional reports/synthesis initiative
- Develop an appropriate governance structure and diagnostic chart and contents of the report, including its updating and maintenance mechanism
- Make science communication at the core of the synthesis report from its inception stage
Synthesis report would be an yardstick of science and technology (S&T) incorporation in SFDRR implementation in the national level

Synthesis report would enhance development of national S&T plan for the implementation of SFDRR

Synthesis report would also provide good examples from the national level implementation of S&T from other countries and regions

Synthesis report would also contribute to higher education in the country