



Summary of discussion and recommendations from researchers to the Board of e-ASIA JRP

Summary of discussion

Many presenters and participants from member countries showed their interest to the call for project proposals in the research field of ‘disaster risk reduction and management’ for which the workshop was held. Some topics were as follows.

1. Objectives

Examples of proposed objectives of joint research projects are hazard and risk assessment, monitoring of hazardous natural phenomena, rapid response, recovery and restoration from disaster, human resources development, involvement of local government and people in disaster management, and so on.

2. Subjects

There seem to be a variety of subjects under the general theme of disaster risk reduction, although they are classified into rather conventional categories, such as earthquake and tsunami, volcanic eruption, flood, landslide, and typhoon.

3. Methods

Utilization of a micro-satellite, development of UAV (unmanned aerial vehicle) technique and wireless communication are specifically proposed. Discussion was mostly focused on space methods with different roles of satellites and UAV's. Satellites cover a wide region from high-altitude space, whereas UAV's are suitable for local targets from altitude of the order of hundred meters above ground. In this sense they are complementary to each other. These technology may be regarded as conventional today, but a new micro-satellite observation system seems to be applied for a variety of purposes relevant to disaster risk reduction, if researches include further development of this technology for use of practical application.

Recommendations

- 1. Discussion was focused mainly on science and technology aspects certainly with outcomes contributing to societal benefits in terms of disaster risk reduction. In forming research projects, due consideration for types of participation, ‘new, re-budget, in-kind’ is necessary, but this matter should more appropriately be considered by participating funding agencies at the board of e-AISA JRP.**
- 2. Very active discussion was directed towards earliest call for project proposal even if specific projects have not been firmly established yet. In fact, some arrangements by researchers will be possible after the call for proposal, as observed during general discussion, specifically for micro-satellites and UAV’s.**

3. Researchers who participated in the workshop are looking forward to forthcoming call for proposal and we are all ready to submit proposals to the relevant funding agency in each country.

Moderators:

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