



Building Disaster and Climate Resilient Cities in ASEAN (CN.18)



The 1st and 2nd Workshops for Urban Resilience on the "Building Disaster and Climate Resilient Cities in ASEAN" were held on 8th and 9th December 2016 in Vientiane, Lao PDR.



Photo Session

National and local government officials working for urban planning and disaster risk reduction (DRR) in AMS(ASEAN Member States) gathered at the workshops, and shared the knowledge of how to utilize risk assessment for building resilient cities and mainstreaming DRR in land use and development planning. Each workshop consists of 2 parts, namely presentation from JICA Project Team(JPT) and group work by AMS.

The 1st workshop started with welcome remarks by Mr. Vilayphong Sisomvang, Deputy Director General of Social Welfare Department, Ministry of Labour and Social Welfare, Lao PDR. The main agenda of the 1st workshop was "Disaster Risk Assessment (DRA)". Mr. Shimano and Mr. Inoue of JPT introduced the outline of DRA, such as procedure, major items for assessment, methods including fragility curve and utilization of its results. After that, participants practiced in group work by country, how to plan the urban resilience project and necessary disaster risk assessment. The 2nd workshop focused on urban planning in



Mr. Vilayphong Sisomvang

DRR. Mr.Makine Kusano, deputy team leader of JPT introduced the measures which could contribute to DRR, such as land use planning, development/ use control, incentives for building, designation of public facilities/infrastructure, urban redevelopment and building regulation.



Presentation by Mr.Makine Kusano

Referring to those measures, participants tried to identify and share common issues in AMS on mainstreaming DRR into land use and urban development planning in group work session.



After the presentation of group work and plenary discussion, the 2nd workshop ended with closing remarks by Mr.Vilaypong. The next workshop will be held on 3rd March 2017 in Bangkok, Thailand.

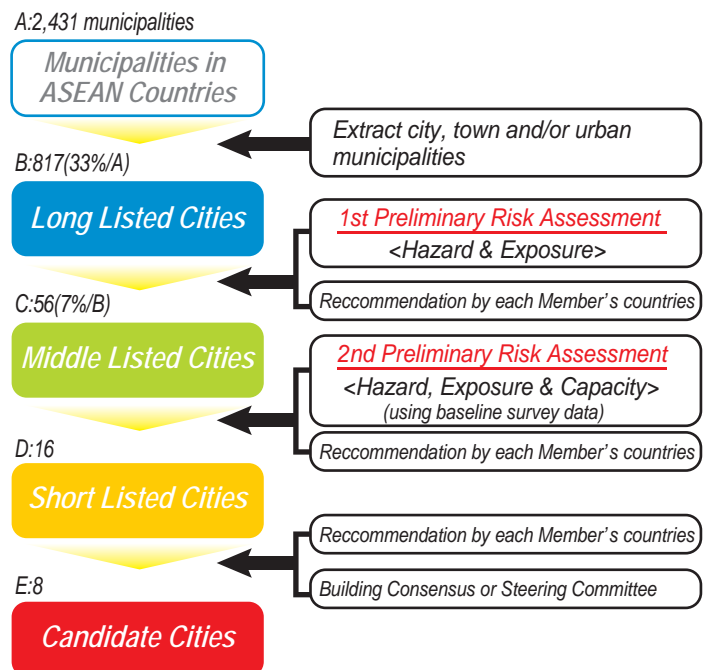
Results of 2nd Preliminary Risk Assessment and Selection of Cities

Short listed cities and candidate cities for demonstration project on disaster risk assessment were selected based on the result of 2nd Preliminary Risk Assessment(PRA) . The candidate cities for demonstration project will be decided by AMS and PSC from the viewpoint of validation.

Short Listed Cities and Candidate Cities

Country	Short Listed Cities	Candidate Cities
Cambodia	Battambang(F)	Battambang(F)
Indonesia	Bima(E), Semarang(F), Denpasar(T)	Denpasar(T)
Lao PDR	Luang Prabang(F)	Luang Prabang(F)
Malaysia	Kuala Terengganu(F), George Town(T)	Kuala Terengganu(F)
Myanmar	Amarapura(E),(F) Kyimyindaing(T),(C)	Kyimyindaing(C)
Philippines	Butuan(F), Meycauayan(E)	Butuan(F)
Thailand	Pathumthani(F), Rayong(F)	Pathumthani(F)
Viet Nam	Qui Nhon(T),(C), Hue(F), Ha Long(T)	Qui Nhon(C)

() shows the main disaster type for the cities. (C): Cyclone, (E): Earthquake, (F): Flood, (T): Tsunami



Step and its criteria for PRA

Workshops for Trial Implementation of Checklist were held in November- December 2016.

JICA Project Team visited three middle listed cities in Indonesia, Lao PDR, and Thailand in November - December 2016, in order to hold the workshop for trial implementation of checklist. The purposes of this workshop are as follows;

- To get feedback for improving the checklist (wording, sentences, volume, etc)
- To get feedback for finding clues to ensure sustainability (frequency of using checklist, etc.)

Participants from local government/authority tried to fill out the checklist and engaged in frank exchange of views for improvement.



Project Office / JICA Project Team

Address: Jl Sultan Hasanuddin No.45, Kebayoran Baru, Jakarta Selatan, 12160, INDONESIA

Office Tel: +62-727-96108 Fax: +62-727-96112

Email: resilientcities2015@gmail.com

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