

Proposed Topic for Side Event at COP25, Thai Pavilion, Spain

Side Event Title	The Royal Rainmaking Project for Sustainable Rural Development in Thailand
Responsible person/Org	Department of Royal Rainmaking and Agricultural Aviation
Format of the side event	Poster and Presentation
Duration	30 Minutes

Rationale

Climate change affects many meteorological factors, such as the monsoon system in tropical zone (ITCZ) that affects rainfall in term of the amount and rainfall distribution in Thailand, including the balance of water cycle at the area level especially cloud formation and rainfall process that affect agricultural activities in Thailand.

Thailand is fortunate that His Majesty King Bhumibol Adulyadej The Great, King Rama IX, concerned over water and food security of Thailand due to climate variation. Therefore, His Majesty granted the initiation on integrated agricultural and water management from upstream to downstream through various royal projects. The Royal Rainmaking Project was one of them, initiated since 1955, in order to solve drought problem in Thailand

Department of Royal Rainmaking and Agricultural Aviation (DRRAA) has main duty on rainfall enhancement to mitigate drought impact and increase water storage for agricultural and consumption activities. DRRAA continuously researches and develops rainfall enhancement technology in order to increase the efficiency of the royal rainmaking operation. Moreover, we are trying to raise awareness of farmers on climate change impact, by organizing field training programs and transfer royal agricultural and water management initiatives knowledge to encourage farmers to manage water in their own area in a sustainable way. We are also aware of the important role of forestry on the balance of water cycle, therefore, we try to restore the forest areas through forest planting and aerial seeding project, cooperated by relevant agencies and the Royal Rainmaking Volunteer Network.

DRRAA is expecting to be a green organization and to be a part of integrated water management framework for mitigation of drought and natural disaster impact occurred from climate change and improvement of water and food security for sustainable rural development in Thailand.

Proposed speakers/panelist

Speakers Miss Wassana Wongrat/ Miss Sumamas Chaiwong

Topics for discussion

- Royal Rainmaking Initiative in Thailand
- Mission of DRRAA on Integrated Water Resource Management in Thailand
- Awareness and Adaptation to Climate Change Impact of DRRAA
- Expectation of DRRAA Framework in The Future