



**EANET Seminar on
Learning on reducing emission
from open burning**

Seminar Summary

**Dr. Ken Yamashita,
Head,
Planning and Training Department, Network Center
for EANET**

Opening Remarks

Dr. Hatakeyama, Network Center for EANET

- EANET is targeting PM2.5 too.
- Expecting to share reduction information
- How to do the sustainable development by assessing the open burning problem

Dr. Memon, UNEP Regional Office for Asia and the Pacific

- Open burning is challenging problem
- Big problem in many countries in Asia such as India, Thailand etc.
- The problem is related to technical and financial issues
- Biomass burning (slash burning) is utilized for energy resource

Session 1: Setting the scene and alternatives to burning

Challenges to address open burning (Ms. Patdu)

- The online questionnaire 1) why open burning happen? 2) what action have been done?
 - 1) To clear land: 60%, to save labor: 45%, to control peat and weed: 40%...
 - 2) compost to produce organic fertilizer: 50%, institutional incorporation: 30%, use residues as fuel: 20%...

Status of Open Burning and alternatives to burning (Dr. Supat)

- General introduction of open burning from cause, effect and measures
- Governmental reaction is not enough for many possible policies such as technical assistance, education etc.
- Many process and incentive including financial approach e.g. farmers bank are necessary
- It is less meaningful that burning of few leaves is effective for getting rid of mosquitos

Session 2_1: Sharing good practices to reduce open burning

Introduction of international experiences of agricultural open burning cases:
ASEAN Haze Framework (Ms. Sabarini)

- ASEAN Agreement on Transboundary Haze Pollution
- ASEAN Peatland Management Strategy (APMS), ASEAN Programme on Sustainable Management of Peatland Ecosystems (APSMPE), Measurable Action for Haze Free Sustainable Land Management in Southeast Asia (MAHFSA)
- Challenges and Opportunities (ASEAN Haze Portal)

Introduction of national experiences of agricultural open burning
Hanoi (Vietnam) experiences (Ms. Do Van Nguyet)

- State of air and OB in Hanoi (Highest PM_{2.5} concentrations were measured on the biomass burning days in Hanoi)
- Solutions to manage OB (monitoring and technical)
- Collective action to manage OB in Hanoi (research, communication, policy, business, community)

Session 2_2: Sharing good practices to reduce open burning

Introduction of national experiences of agricultural open burning

Thailand(Dr. Zusman)

- Priority Solutions in Southeast Asia (ASEAN Solutions Report) Reaffirm Points
- To require more than new technologies or prohibitions on burning
- To include a mix or portfolio of different options
- To conceive of solutions as operating in polycentric governance systems

USA(Dr. Simcox)

- US cropland practices: past and present
- Who controls cropland burning?
- US EPA Smoke Management Role
- Components of a Smoke Management Plan (Air quality forecasting)
- Estimating PM emissions from agricultural burning
- Why burn crop residues?
- Alternatives to burning (no till agricultural practices, potential uses of straw residue)

Session 2_3: Sharing good practices to reduce open burning

Introduction of national experiences of agricultural open burning

Indonesia (Ms. Ghaida, Mr. Shidiq)

- Background(Rice straw open burning)
- Cause of the Phenomenon(Slash and Burn Agriculture)
- Government Action(Workshop and Training for Farmers, Sipongi+)
- Challenge (technology, community, economic)
- What's NEXT?

Q & A

• About relative importance of the peatland burning and its financial modalities, it was explained that the peat land burning and agricultural residue burning are equally important to address the root cause which relates back to livelihood and welfare of communities. Haze land management looks into the different options and modalities available for financing and support improved management in both agriculture and peatland area (by ASEAN Secretariat)

• About facility and financial assistance for the use of crop residues as biofuel for electricity in Thailand, it was mentioned that there is facility and support for electricity from biomass fuel (by Dr. Supat).



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Thank you!