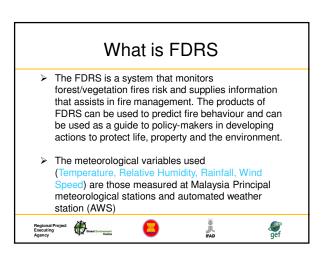
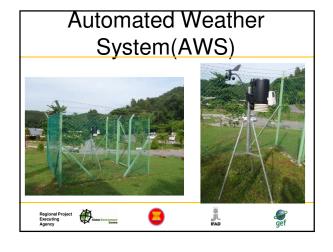
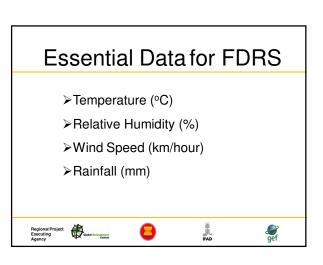


The Fire Prediction and Early Warning System using FDRS is initiated by APFP and co-supported by SEApeat Project
-Pilot testing in NSPSF, Selangor, Malaysia
-Pilot testing in Riau Province, Indonesia
-----refined system to be introduced to other ASEAN Members State

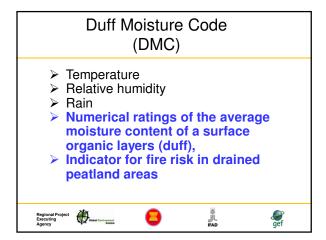


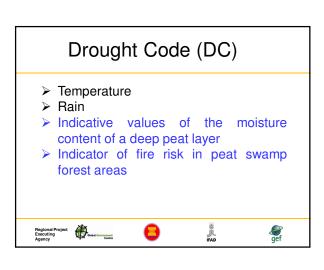


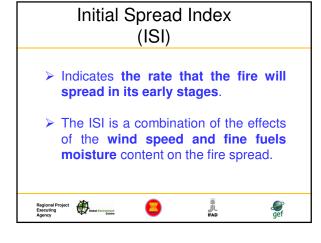


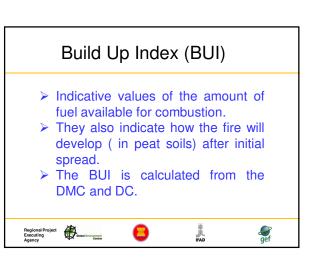
Data Processed into >Fine Fuel Moisture Code (FFMC) >Duff Moisture Code (DMC) >Drought Code (DC) >Initial Spread Index (ISI) >Build Up Index (BUI) >Fire Weather Index (FWI)

Fine Fuel Moisture Code (FFMC) Temperature Relative humidity Wind speed Rainfall Indicative values of the moisture content of litter and other cured fine fuels Indicator for bush and grass fires on surface of peat.

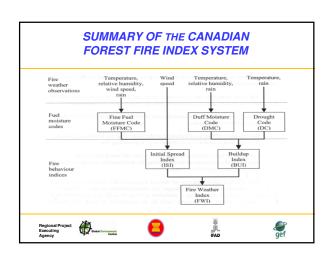




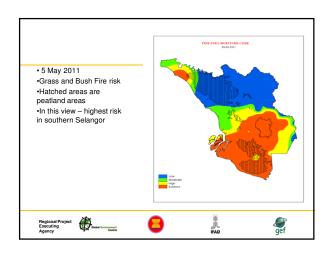


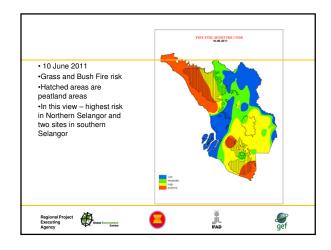


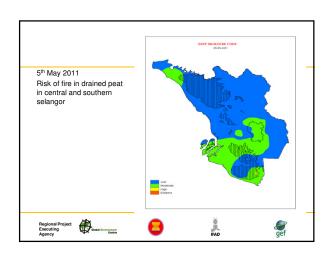
Fire Weather Index (FWI) > Overall Index on risk of significant fire. > Combines ISI and BUI to provide a numerical rating of fire intensity. > represents the intensity of the spreading fire

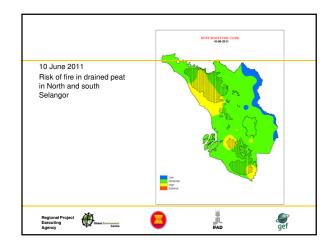


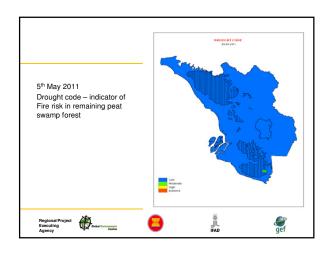
Fire Prediction and Early Warning System to Reduce Peat Fires in Malaysia Pilot Project The State of Selangor Peatland area incorporated into the FDRS maps

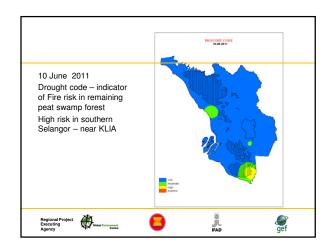


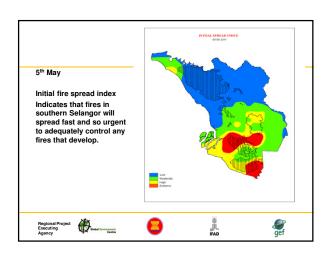


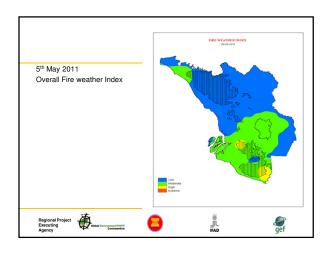


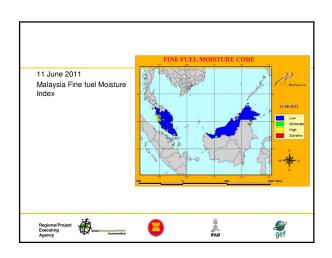


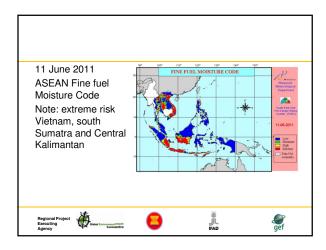


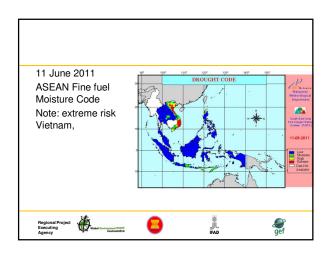












Mechanism for Dissemination

- > The FDRS info/map is available on the internet on daily update basis visit www.met.gov.my -- iklim ---Pilot projek FDRS Tanah Gambut
- > Email
- > Automated SMS alert
- > SOP to be developed with the state agencies for use of the information to prevent fires











Interpretation & Decision

- Groundthruthing
- Verification
- > SOP











Development of PFPWS by APFP

- 1. Technical Meeting for the Development of the ASEAN Peatland Fire Prediction and Warning System, FRIM, 10 June 2010 Discussion on concept
- 2. Technical Workshop on the development of the **ASEAN Peatland Fire Prediction and Warning** System, Kuala Lumpur, 13-14 July 2010 Discussion on Fire Prediction and Early Warning
- 3. Proposed Fire Prediction and Early Warning system were discussed in Kuching (July2010), Brunei(11th TWG) and MSC Singapore (16-17 Feb2011)











Process of pilot testing of PFPWS in Selangor

Working Group- MMD, NRE, DID, DOE, JPSM, JPNS Discussion of Preparation for pilot testing in Project Site, Selangor Malaysia

Stage 1: MMD with support of various agencies to developed initial maps provided at website

www.met.gov.my ---- iklim ---- Pilot projek FDRS Tanah Gambut

Stage 2: Verification process by Forest reserves - JPSM/FDS

Pilot site - GEC Peatland on stateland/agricultural land - DOE











