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Leveraging Technologies in the Face of Natural Disasters

Panel Session 2 Harnessing Data Technologies for Effective Implementation in Disaster and Forest Management



N. Zaim Hussin
Director
Malaysia



Dr. Gopinaath Bakthavatsalam
Health, Safety, Security and
Environment Officer
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Ts. Dr. Mohammad Fikry Abidin
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National Water Research Institute
Malaysia (NAHRIM)



Dr. Sheriza Mohd Razali
Research Officer
Institute of Tropical Forestry and
Forests Product (INTROPI)
Universiti Putra Malaysia (UPM)





Spatial data:

- GPS
- Forest/Vegetation density (LU indices/Vegetation Indices)
- SMI, NDVI, NDWI, RNDVI, LST
- Hand-held and sensors (IoT), Cloud data



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Forest data:
(Tree DBH, Height)
(Tree composition)
(Species diversity)
(Herbs, Lianas)
(Above ground biomass)
Soil
Ground

Panel Session 2: "Harnessing Data Technologies for Effective Implementation in Disaster and Forest Management"



Nur Ahmad Zaim Hussin
Director
Leave a Nest, Malaysia
(Moderator)



Dr. Gopinaath Bakthinathan
Health, Safety, Security and
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