

Peatlands?

Wetlands with rich organic top layer, mainly composed of dead and decaying plant materials

Situation!

Draining and drying of Peatlands, reversed peat hydrology

Peatlands fire and diversion of peatlands for palm and exotic tree plantation

Riau Province reduced its carbon content of 2,241 million tons (13.31%) during 1990-2002



In Indonesia, Peatlands are governed by over lapping and over crossing policies, conflict arises between stakeholders

Huge knowledge gap about the peatland functions and integrated landuse management approach, E.g. Presidential decree No 32 (1990)

Substantial dependency of local community on peatlands

There is myth in the district administration that the palm and exotic species plantation improving the economy

There is total sector loss reached \$ 935 million due to the fire and peatlands degradation (WB, 2014)

Poor participation in the implementation of Government Regulation, 71 of 2014

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Fig. 2: Monetary Loss due Land and Forest Fires during January to March, 2014 (Source: WB)

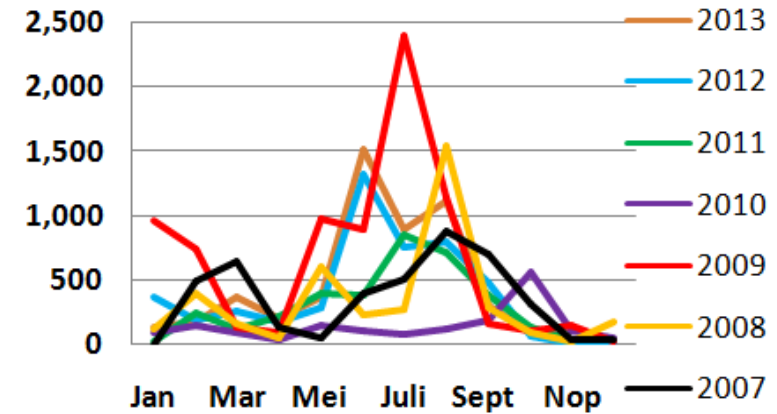
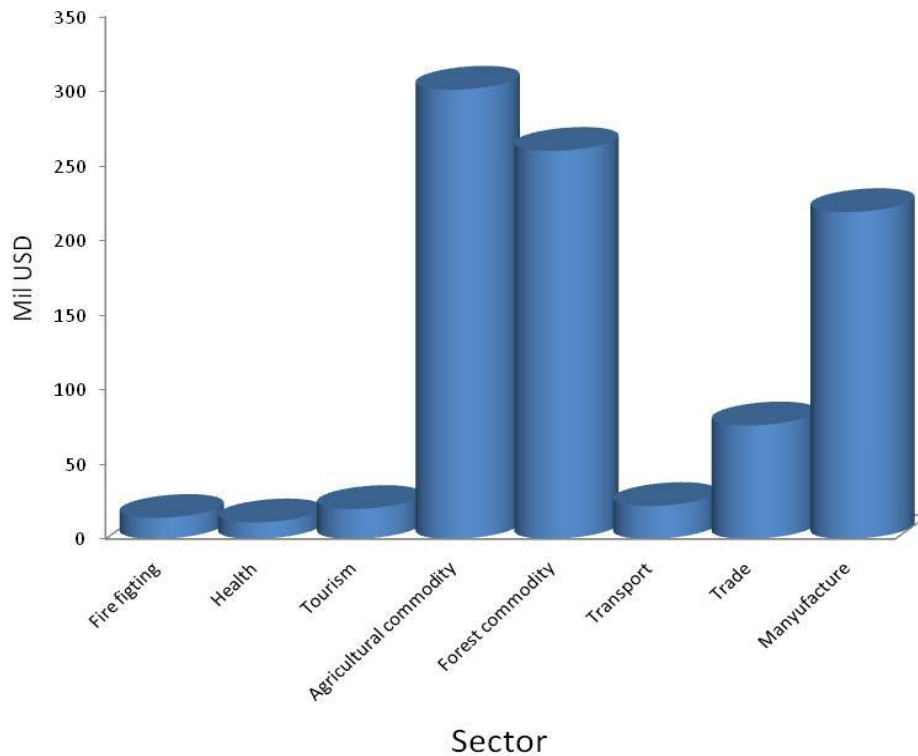


Fig1: Hotspot occurrences in Riau province

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- Conserve un-drained peatlands and
- Restore over drained, fire prone degraded peatlands and
- Management of peatlands by transferring good practices



Lokasi pembangunan dam 102°56' 35,542" BT
0° 51' 30,589" LU

An aerial photograph of a wide, dark blue river winding through a vast, dense green forest. The river flows from the upper left towards the lower right. The surrounding forest is thick and lush, with some lighter-colored patches visible, possibly sandbars or clearings. In the distance, the river continues to flow, and the horizon is visible under a clear sky.

Thanks

Zamrud National Park