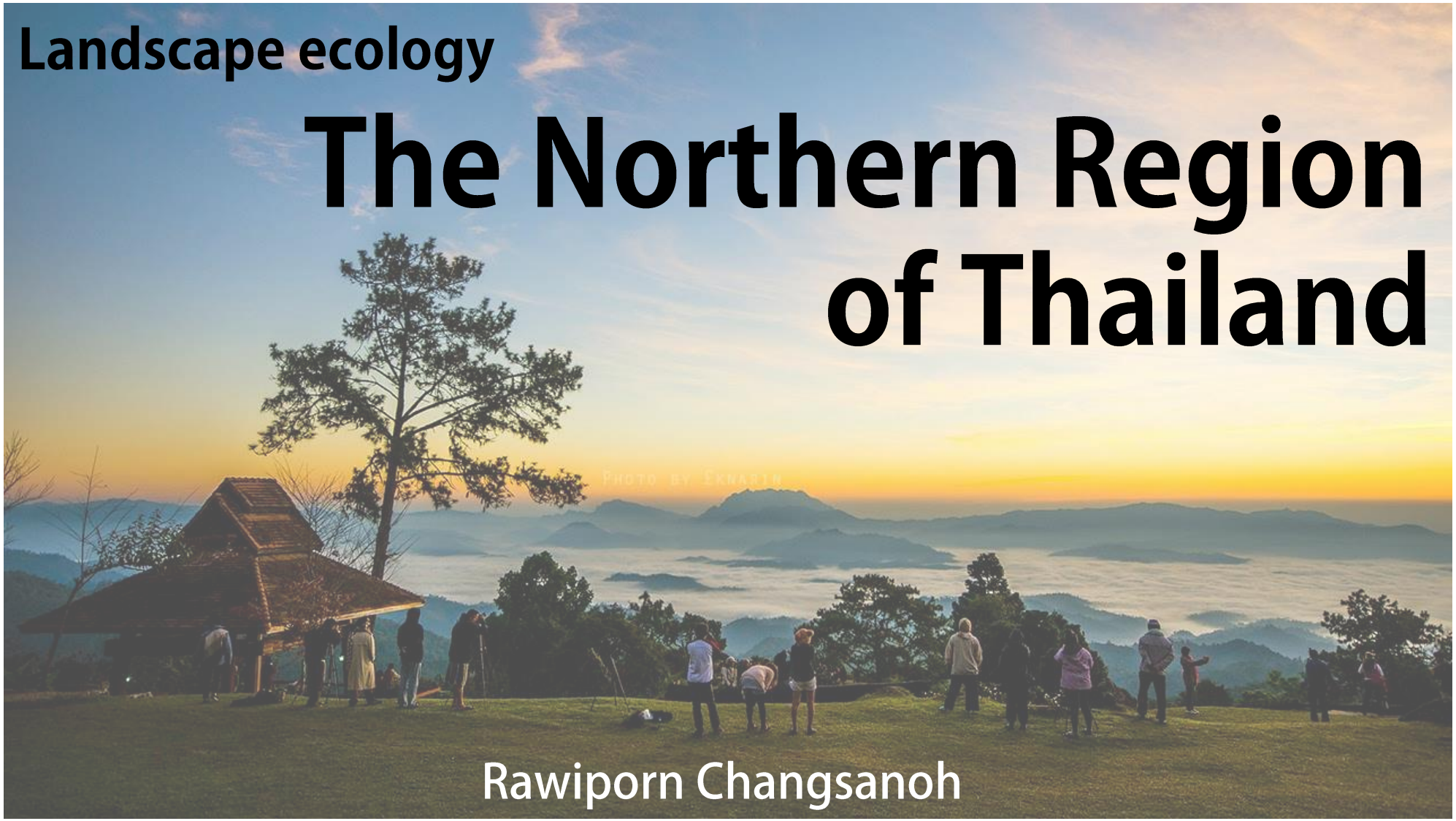
Mendel University in Brno

MENDELU
Faculty of Forestry and Wood Technology

Landscape ecology

The Northern Region of Thailand



Rawiporn Changsanoh

Ecological introduce of The Northern region

- A region of green mountains, misty jungles, fertile valleys, spectacular ruins, colorful hill tribes
- Ethnic minorities (hill tribes) - traditionally lived in hills and mountains
- Many natural landscapes: high mountains, steep river valleys, upland areas
- Several different types of agriculture: wet-rice farming in valleys, shifting cultivation in uplands
- Forest: forest mountains, teak plantations

Ecological introduce

Character of Landscape of The Northern region

- Mountainous area
- Several mountain ranges
- Most rivers unite in lowlands
  - Climate: Tropical savanna
  - Season: summer, rainy, winter
  - Average temperature 24 - 27 ° C
  - Highest elevation a little above 2,000 m
  - Precipitation 100 - 1000 mm/year

Wikipedia

Character of Landscape

PLAIN

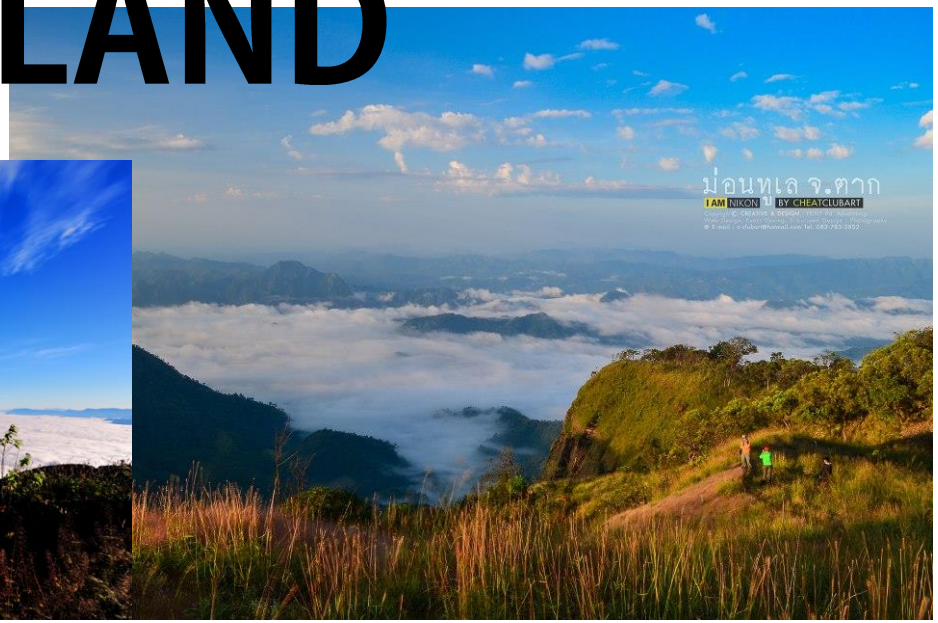
Character of Landscape

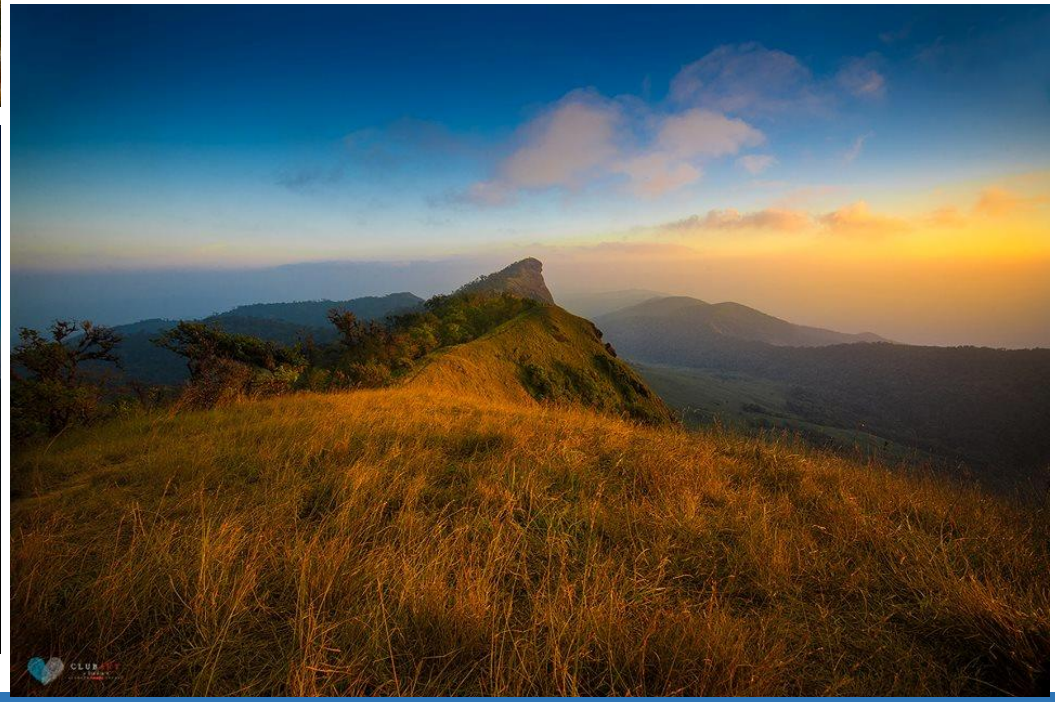
UPLAND

mgronline.com

Character of Landscape

HIGHLAND





Character of Landscape

CLIFF

PAIDUAYKAN.COM
Travel information & Community
พาช่อ อุทยานแห่งชาติแม่วาง
www.paiduaykan.com
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Chiang Mai 2014
Photo by Suphasawat Pearntunyakorn
https://www.facebook.com/

PINE FOREST

Character of Landscape

WATERFALL

HOT SPRING

Character of Landscape

CAVES

Thairath

Basic environmental issue

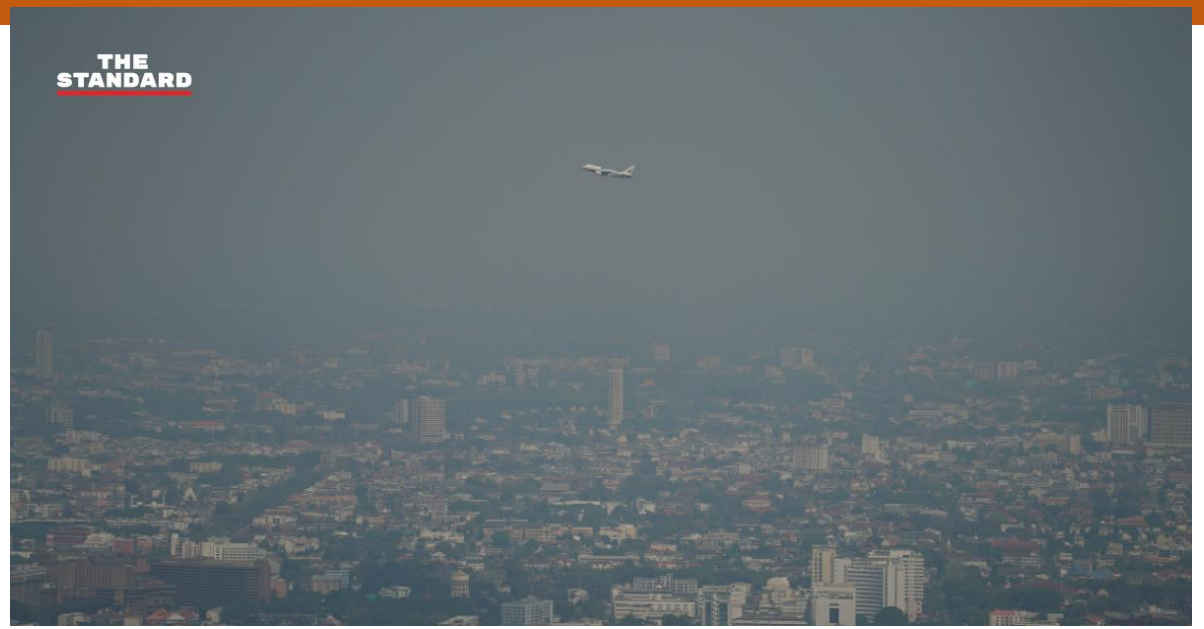
1) DEFORESTATION

- Agriculture
- Infrastructure extension/settlement by private company

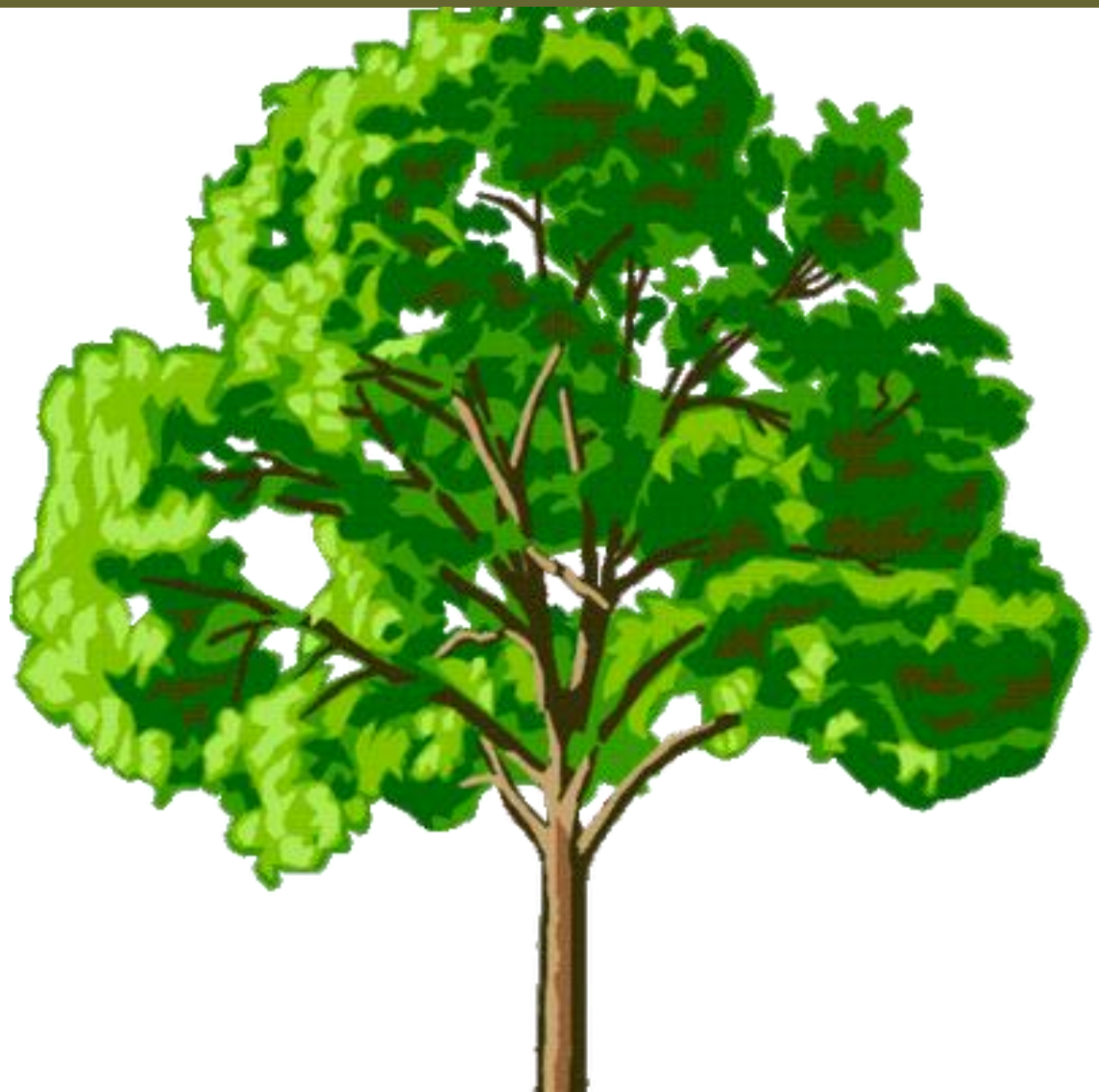
2) FOREST FIRE Human activities

3) AIR POLLUTION (PM 2.5)

- Forest fire
- Industry
- Transportation



Potential solution



- Stricter forest law and policy
- Supporting the forest care of local people
- Stricter industrial law
- Do not burning crop residue / trash
- Green space in the city
- Green energy in the household

Potential solution

CITATIONS

- https://en.wikipedia.org/wiki/Geography_of_Thailand#Northern_Thailand
- http://factsanddetails.com/southeast-asia/Thailand/sub5_8h/entry-3323.html
- https://en.wikipedia.org/wiki/Northern_Thailand
- https://tmd.go.th/info/info.php?FileID=55
- https://sites.google.com/site/phumisastrphakhhenuxkhxngthiy/home/laksna-phumi-xakas-khxng-phakh-henux

THANK YOU