

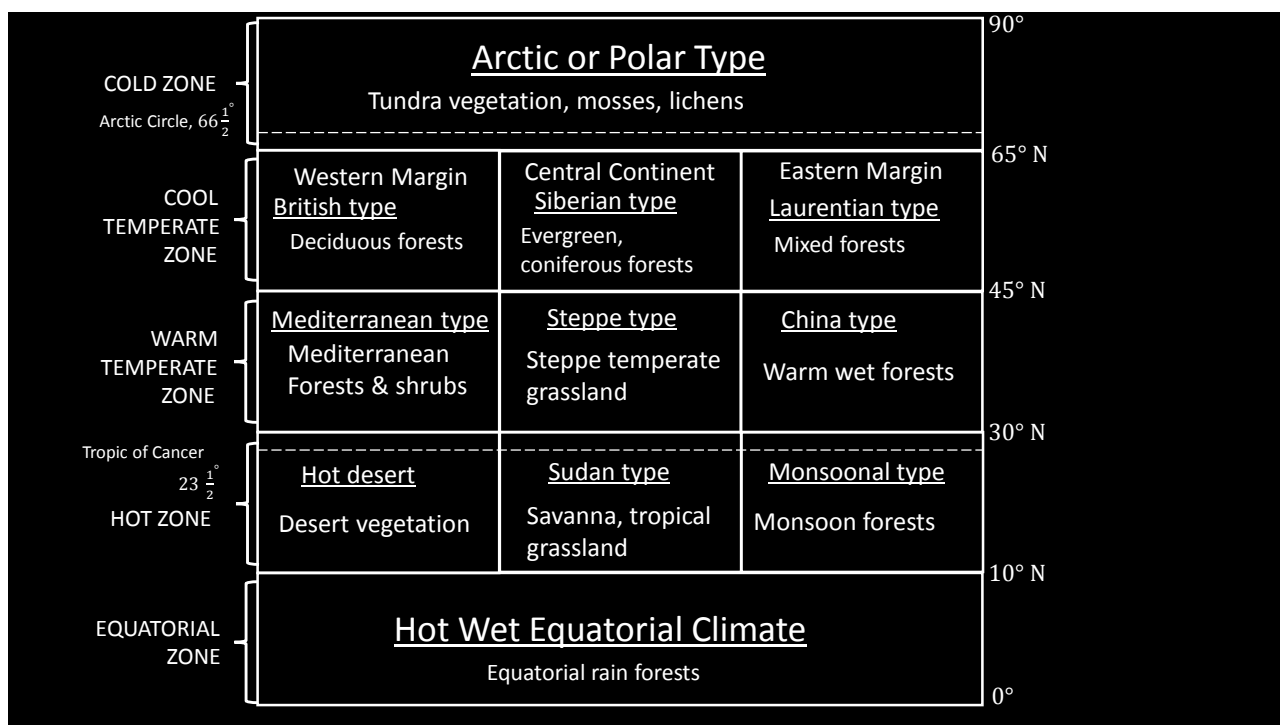
These Slides Accompany the YouTube Video Tutorial:
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Certificate Physical & Human Geography

Goh Cheng Leong

Chapter 15: Hot, Wet Equatorial Climate

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Equatorial Region

- Congo, Amazon, Malaysia, East Indies
- Trade Wind – Modified – Monsoonal influence
- Temperature: Uniformity
- How Temperature is moderated?
- Precipitation: 60-100 inch – maximum after equinox & least in solistice

Rainfall

- Convictional Rainfall – Afternoon (one afternoon is equal to entire year rainfall in desert)
- Orographic or relief rainfall
- Cyclonic rainfall – convergence of air in Doldrums

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Vegetation

- Variety: Evergreen hardwood like mahogany, ebony; small palm trees; climbing lianas – epiphytic or parasitic; ferns, orchids and lalangs
- Distinct Layer: thick canopy, struggle for sunlight
- Multiple Species: No pure strand; Malaysia – 200 species; commercial exploitation is hard; hardwood don't float on water and haulage expensive (so tropical nations are timber importers)
- Forest Clearings: lumbering & shifting cultivation – belukar in Mayasia (secondary forest, less trees and dense undergrowth)

Life & Development

- Amazon: Indian Tribes gather wild rubber
- Congo: Pygmies gather nuts
- Mayasia: Orang Asli – cane products

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Factors Affecting Development

- Climate: high heat & humidity; sun-stroke; perspire and lose energy; malaria & yellow fever
- Bacteria & insect pests: injurious to crops, diseases; plague
- Jungle hinders development: Lalang (tall grass) & thick undergrowth choke crops – maintain infrastructure at high cost, Congo and Borneo without modern communication lines
- Deterioration of tropical soil:
- Difficult lumbering & livestock farming: