

# Biogeography. Lecture 28

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# Outline

## Biogeography of the World

### Biogeography of South America, or Neotropics



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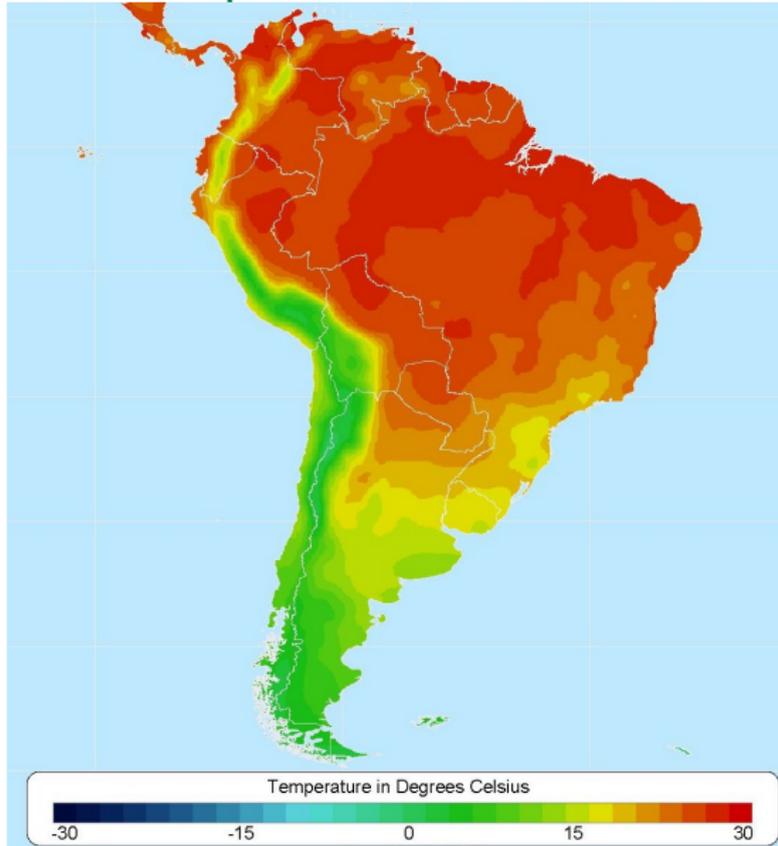




[Southern, tropical, low, new Andes, Amazon and Parana]



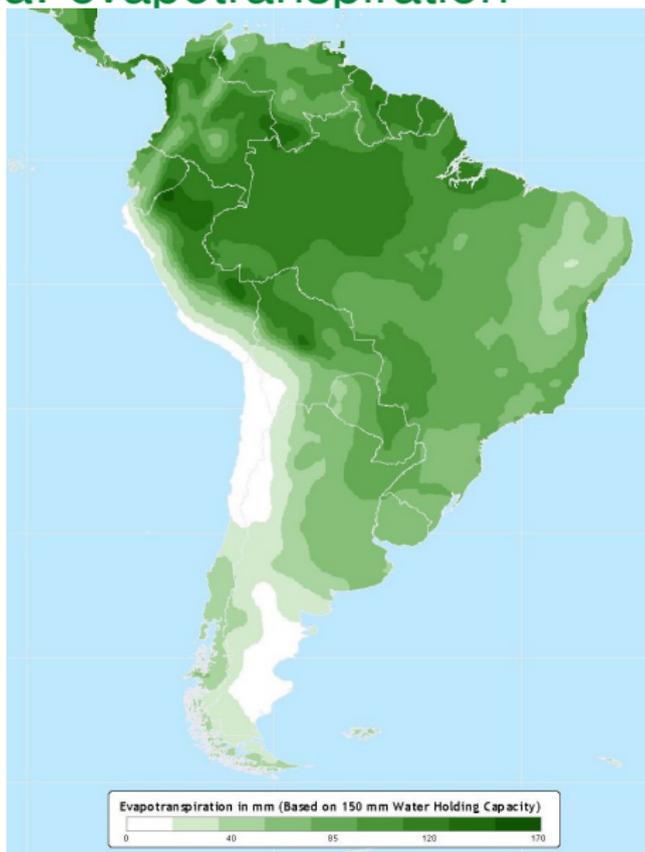
# South America: temperatures



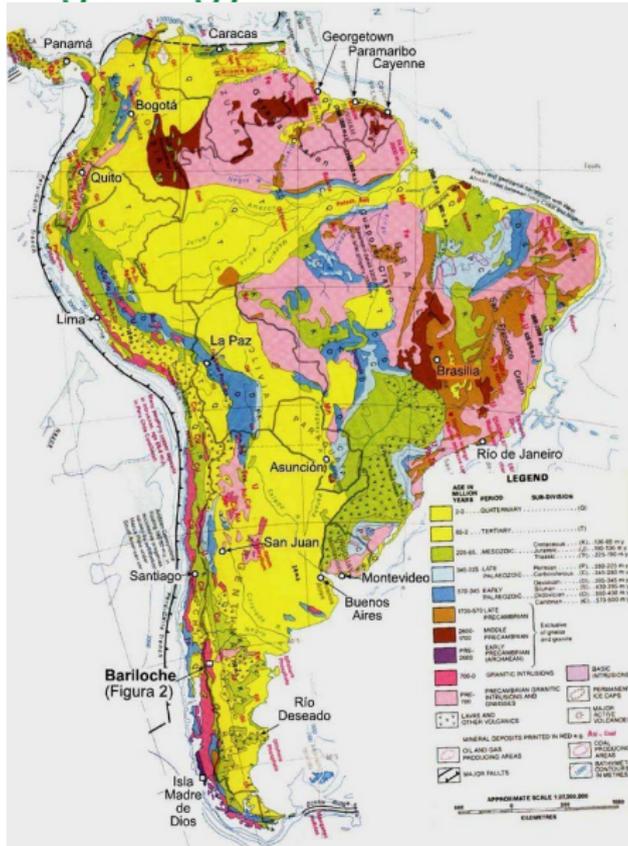
# South America: precipitation



# South America: evapotranspiration



# South America: geology



# South America: ecoregions



# South America: 13 biogeographical regions

1. Tropical Central America
2. West Indies
3. Venezuela and Guiana Shield
4. Amazonian Basin
5. Brazilian Northeast
6. Brazilian Plateau
7. Gran Chaco
8. North and Central Andes (Columbia, Ecuador and Peru)
9. Pampas
10. Atacama desert
11. *Galapagos Islands*
12. Patagonia and Juan Fernandez
13. *South American Antarctic Islands*



# Summary for South America

- ▶ Low and narrow continent: the wettest of tropical regions
- ▶ Part of Gondwana: many groups which are also distributed in Australia, New Zealand and Africa
- ▶ Isolated for most of Cenozoic: unique groups of plants and animals (e.g., Xenarthra)



# For Further Reading



A. Shipunov.

*Biogeography* [Electronic resource].

2014—onwards.

Mode of access:

[http://ashipunov.info/shipunov/school/biol\\_330](http://ashipunov.info/shipunov/school/biol_330)



South America.

[http://en.wikipedia.org/wiki/South\\_America](http://en.wikipedia.org/wiki/South_America)

