**Climate and Physiognomy**

**Climate**

**Weather**

**Earth Energy Balance**

Inputs

Losses

**Earth Climate Oscillations**

Inputs

Global Dimming

Greenhouse Gases

Insolation

Warm air vs. cool air

**Hadley Cells**

**Continental Scale Patterns**

Orographic rainfall-lapse patterns

Rain shadows

Continental vs maritime

**Global oscillations**

El nino vs La nina vs Normal

**Physiognomy**