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ENVIRONMENTAL THERMODYNAMICS

Introduction to environmental thermodynamics

Human needs

Air

Termodinámica atmosférica 🇪🇸

Madrid climate

Water

Hydrosphere and cryosphere

Termodinámica del océano 🇪🇸

Termodinámica del agua 🇪🇸

Land

Land and geothermal energy

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Food preservation

Energy

Energy needs and usage

Termodinámica en casa 🇪🇸

Recursos energéticos y contaminación 🇪🇸

Energy and environment

Some prospects on energy and environment issues

Radiations in the environment

Engineering

Human thermal comfort

HVAC&R

Aerospace engineering and the environment

Balloons

Aircraft thermal environment

Spacecraft thermal environment

Bibliography



Figure. Our environment. Gibraltar Strait, a busy path joining Africa and Europe (Morocco and Spain), the Mediterranean and the Atlantic. Besides the land and sea pictured, air is realised by the cloud cover, 'fire' from the Sun that illuminates all, and the black background (a relic of the Big Bang).