

Introducción a la Meteorología – Radiación Solar

UCh/FCFM/DGF – R. Garreaud

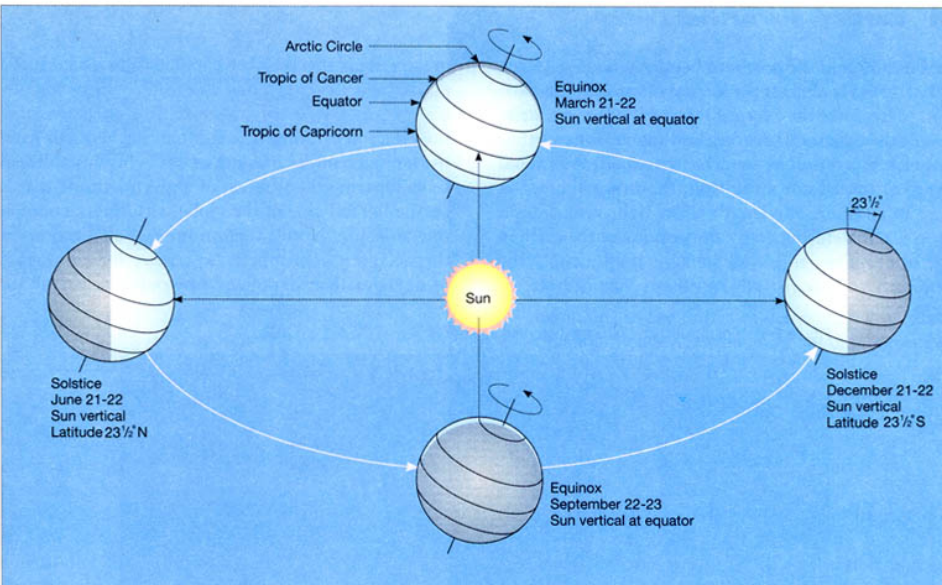
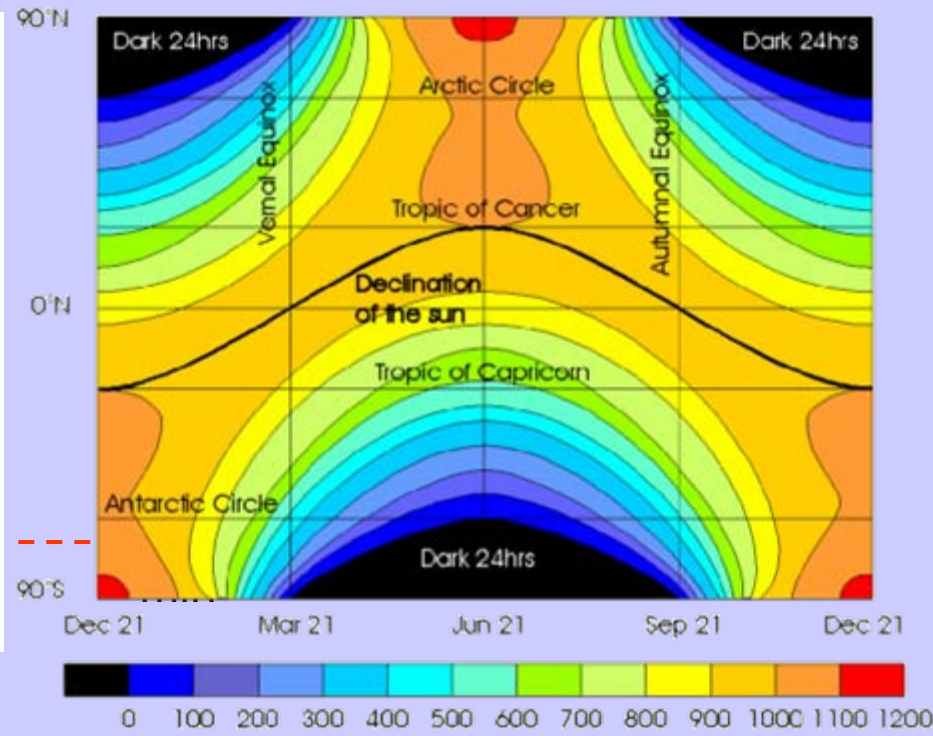


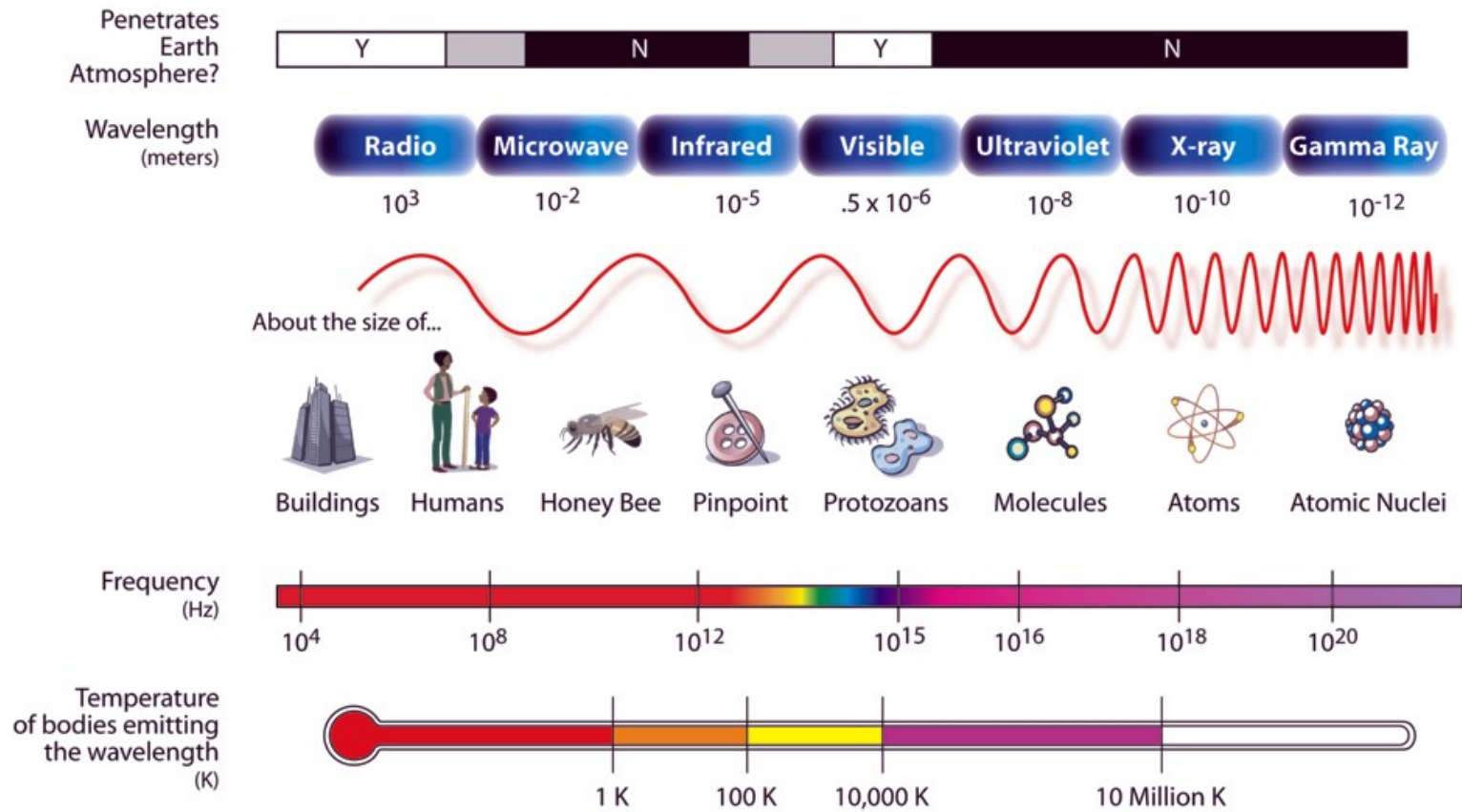
Figure 2•3 Earth-sun relationships.



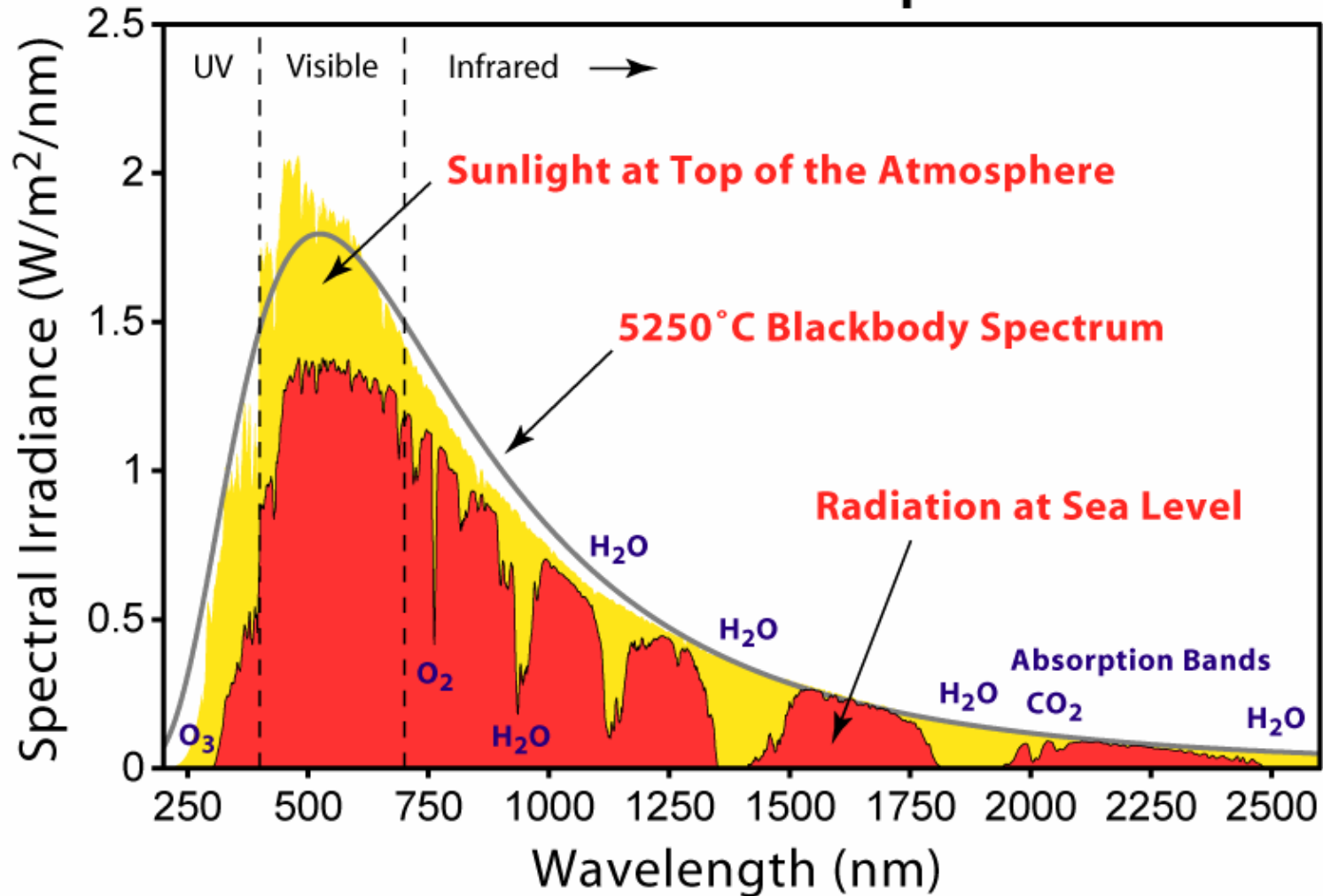
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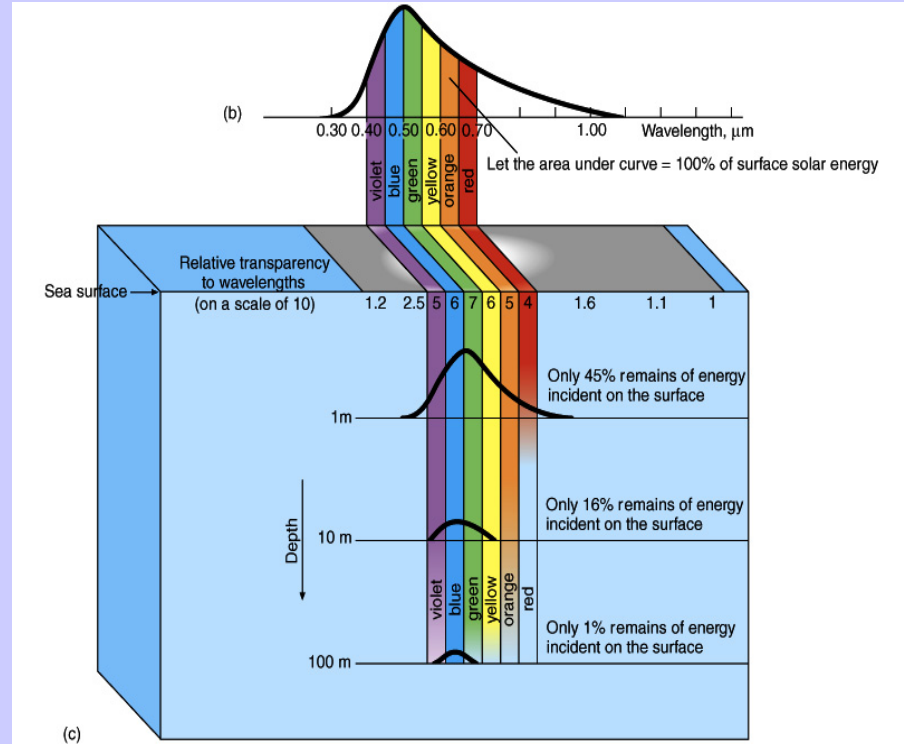
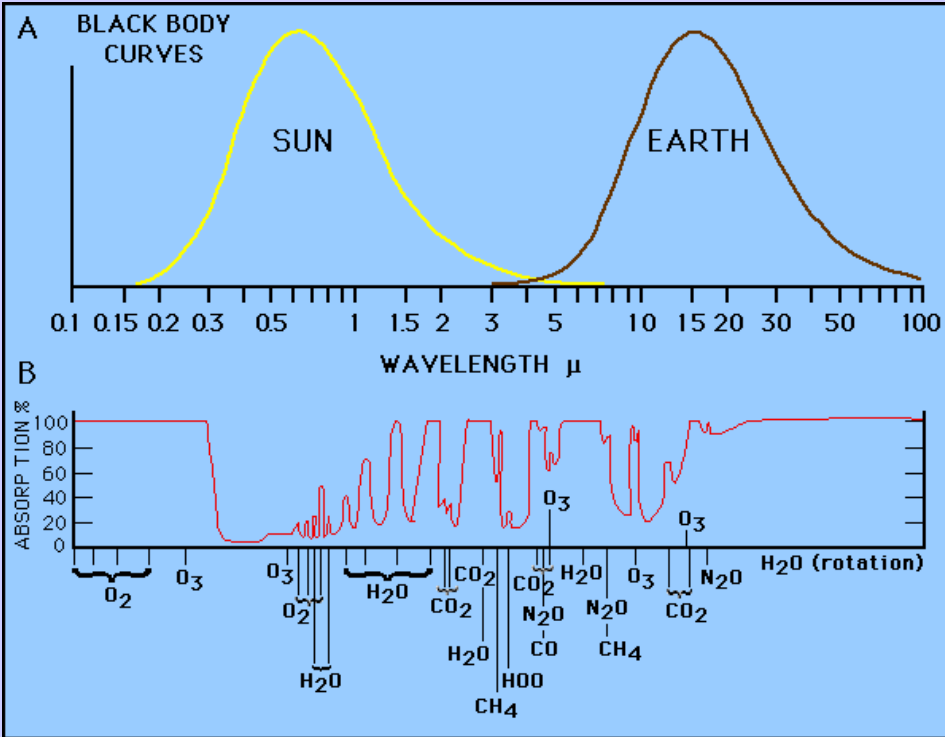
THE ELECTROMAGNETIC SPECTRUM



Solar Radiation Spectrum

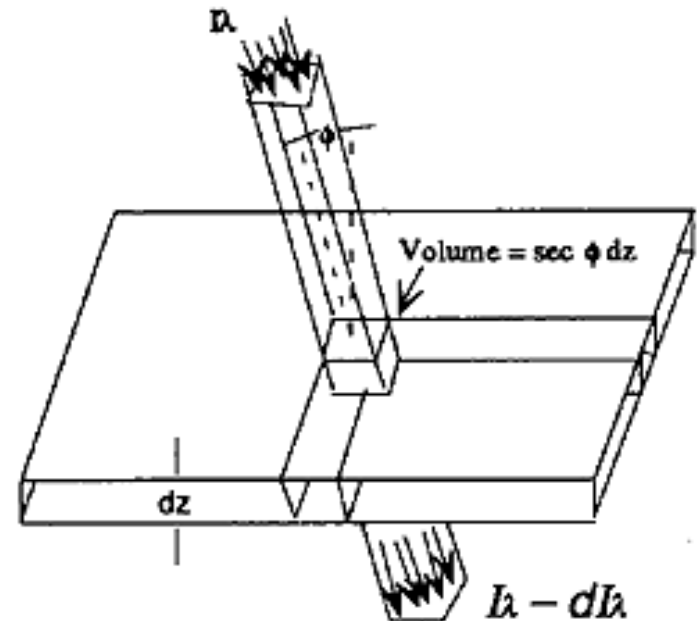
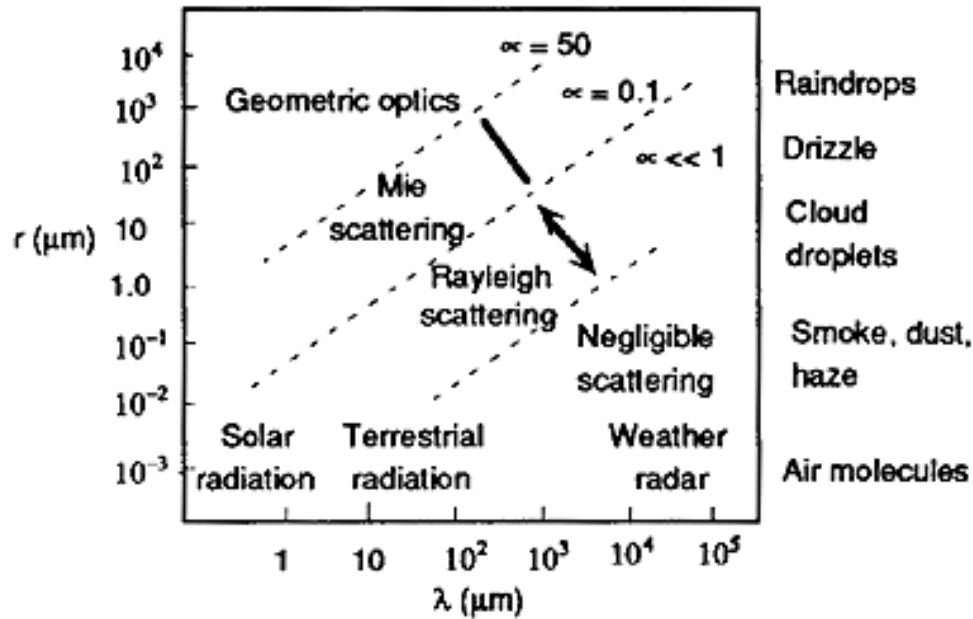


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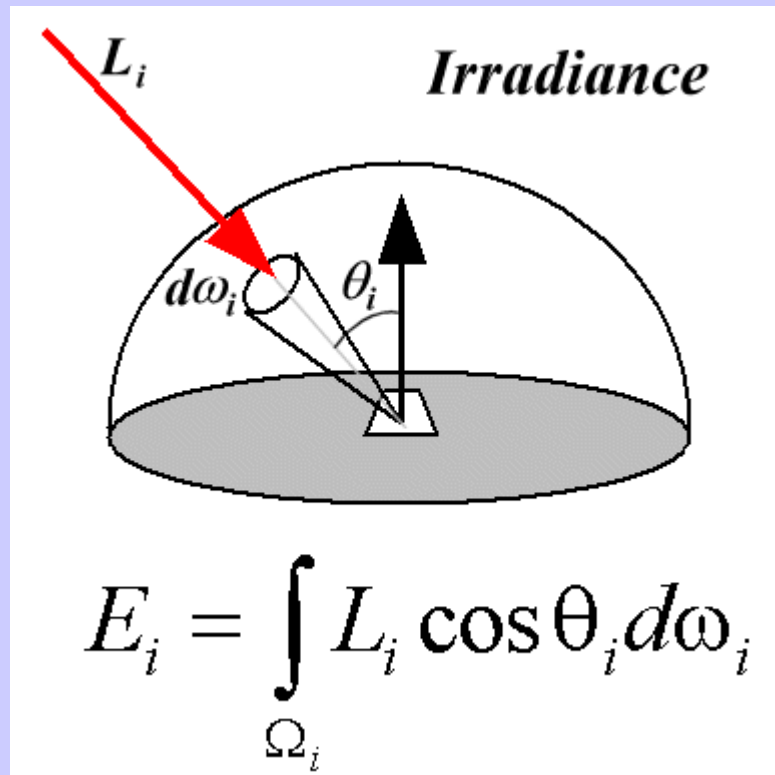
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Conceptos claves

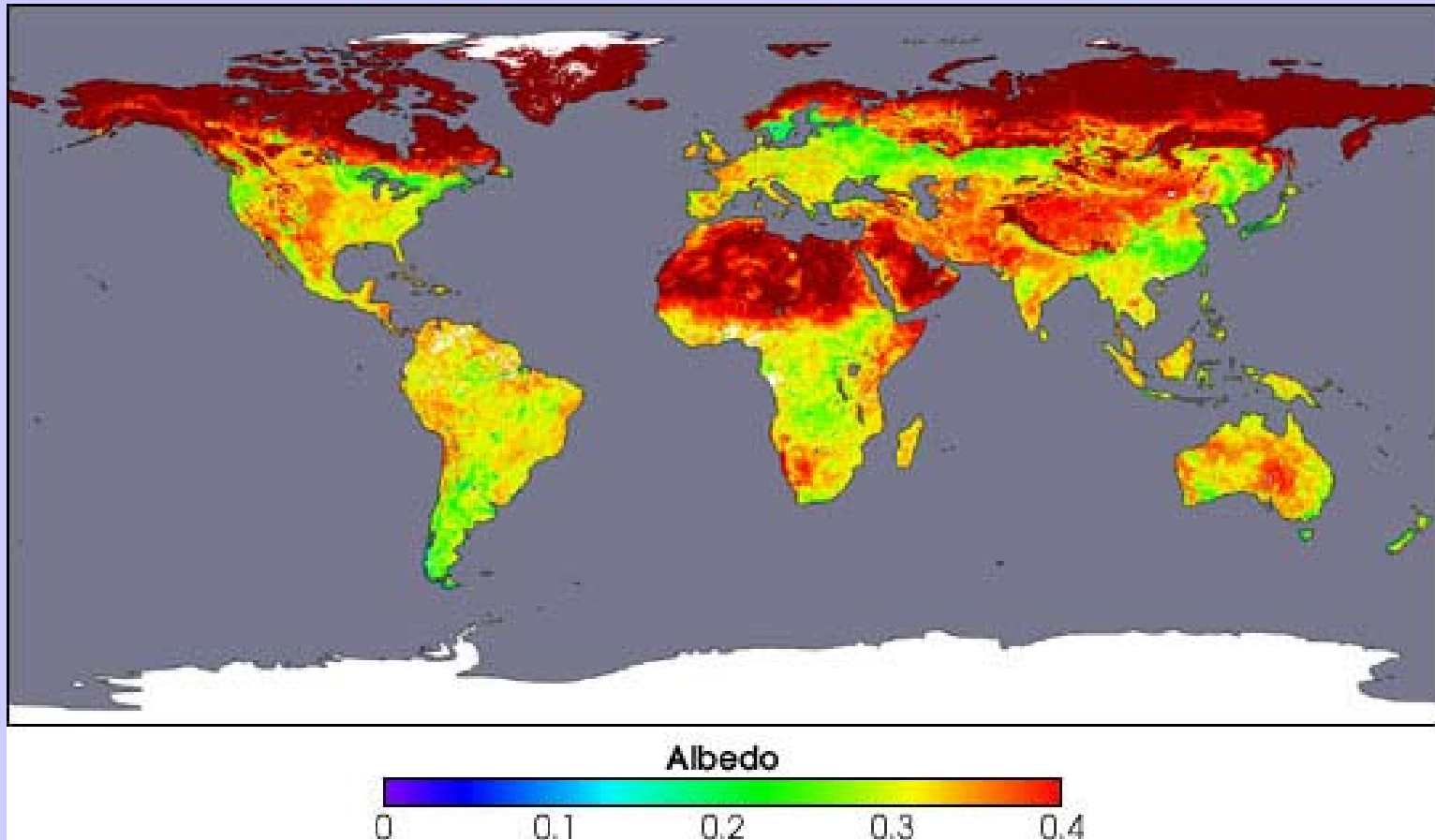
L, I = Intensidad o radianza [$\text{Wm}^{-2}\text{sr}^{-1}$]

E, F = densidad de flujo o irradianza
[Wm^{-2}]



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Nieve Fresca (0.75-0.90), arena seca (0.35-0.40), concreto (0.17-0.2),
asfalto (0.05-0.1), desierto (0.25-0.30), selva (0.05-0.20), mar(0.02-0.10)

Tierra: 0.30, Luna:0.10, Venus:0.80, Marte:0.16