

From all land grid cells within the big box:



 $lcf_{tr}, lcf_{sh}, lcf_{cg}, snc, \alpha$

at monthly resolution for 2000-2004

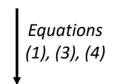


 $lcc_{tr->cg}$

between pre-industrial and 1981-2000

(and long, lat, elev)

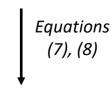
if at least 15 grid cells in the big box including i are snow-free (snc < 0.1) and $lcf_{tr} + lcf_{sh} + lcf_{cg} > 90\%$



if at least 15 grid cells in the big box including i are snow-covered (snc > 0.9) and $lcf_{tr} + lcf_{sh} + lcf_{cg} > 90\%$

Reconstructed albedo of trees and crops/grasses in i under snow-covered conditions $\alpha_{tr}^{sc}(i), \alpha_{cq}^{sc}(i)$

if at least 15 land grid cells:



Reconstructed historical albedo change associated with conversions between trees and crops/grasses in *i*

Reconstructed albedo of trees and crops/grasses in *i* under snow-free conditions

$$\alpha_{tr}^{sf}(i),\alpha_{cg}^{sf}(i)$$