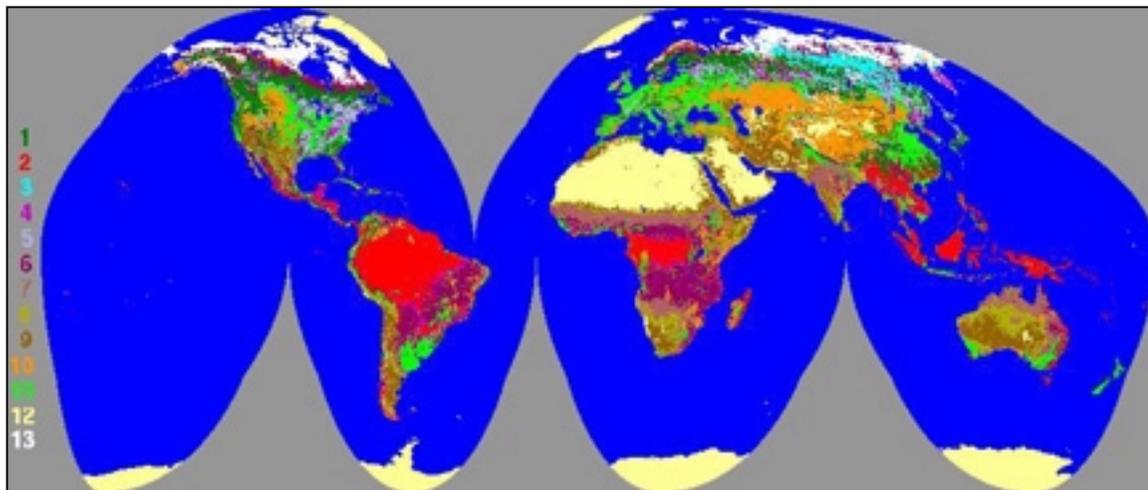


CHARACTERIZING LAND COVER HETEROGENEITY AND LAND COVER CHANGE FROM MULTISENSOR SATELLITE DATA

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- Improve characterization of land surface in regional and global Earth system models
spatial: land cover heterogeneity temporal: interannual variability and land use change
- Characterization of global land cover from satellite data at 1km resolution with continuous fields of vegetation properties and by discrete cover type
- Initial efforts to integrate continuous fields of vegetation properties into earth system models
- Addresses national estimate needs of forest gain/loss as suggested by IPCC and USGCRP initiative



A Key to the Related Map:

1. Evergreen needleleaf forest
2. Evergreen broadleaf forest
3. Deciduous needleleaf forest
4. Deciduous broadleaf forest
5. Mixed forest
6. Woodlands
7. Wooded grasslands/shrublands
8. Closed bushlands or shrublands
9. Open shrublands
10. Grasses
11. Croplands
12. Bare
13. Mosses and lichens