Table S4. GCAM land type availability for land use.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Land type | Land use designation | Convertibility | GCAM availability | GCAM unavailability |
| Forest | Unmanaged | Convertible to managed land types | Available if: suitable for agriculture and unprotected | Unavailable if: a) Suitable and protected  b) Unsuitable |
| Shrubland | Unmanaged |
| Grassland | Unmanaged |
| Harvested forest | Managed | Not convertible because:  a) already managed  or b) constant | Not available because:  a) already in use  or b) constant | Unavailable because:  a) already in use  or b) constant |
| Pasture | Managed |
| Cropland | Managed |
| Rock/ice/desert | Constant |
| Tundra | Constant |
| Urban land | Constant |