



Above ground biomass (AGB) data in Nepal

Title	Above ground biomass (AGB) data in Nepal
Date	2015-09-22
Date type	Publication
Abstract	From the field well distributed circular (750m2 and 500m2), 1124 field plots (0.001% representation of forest cover) measured which were used for estimation AGB (ton/ha) using Sharma et al. (1990) proposed equations for all tree species of Nepal. A satisfactory linear relationship ($AGB = 8.7018 \cdot H_{max} - 101.24$, $R^2 = 0.67$, $RMSE = 7.2$ ton/ha) achieved between maximum canopy height (H_{max}) and AGB (ton/ha).

Metadata language	eng
Character set	UTF8
Hierarchy level	Dataset

OnLine resource

Linkage	http://apps.geoportal.icimod.org/biomass
Protocol	WWW:LINK-1.0-http--link
Linkage	http://apps.geoportal.icimod.org/icimodarcgis/rest/services/ScienceApp/NepalBiomass/MapServer/7
Protocol	OGC:WMS-1.3.0-http-get-map
Topic category	Geoscientific information

Keyword

Keyword	Above Ground Biomass(AGB)
Keyword	Forest
Type	Theme
Keyword	servircat
Keyword	icimod-servir
Keyword	geo-ecosystems
Keyword	Nepal
Type	Place

Extent

Geographic bounding box

West bound	79.8862
East bound	88.3904
South bound	26.2307
North bound	30.5175

Spatial resolution

Denominator	5000
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Lineage

Statement	
Description	NASA-Ames research centre and WWF-Nepal

Resource constraints

Use limitation	geossDataCore
Use limitation	The SERVIR Project, NASA, USAID and ICIMOD make no express or implied warranty of this data as to the merchantability or fitness for a particular purpose. Neither the US Government nor its contractors shall be liable for special, consequential or incidental damages attributed to this data.
Use limitation	Users are permitted to copy, use, adapt, and redistribute SERVIR data without limitations. SERVIR encourages users to keep any adapted or redistributed versions of this data freely available for public use.
File identifier	49539521-9087-43a3-81fa-09de1ac6d8d2
Metadata language	eng
Character set	UTF8

Metadata author

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Organisation name	ICIMOD-MENRIS, SERVIR Himalaya
Role	Author
Date stamp	2015-11-10T15:01:50