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Conventional Biomass E	stimators	from SAR	Data:		
	Bi Satur [T/ha]	omass ation Limit [Kg/(m^2)]	% of Earths Vegetated Area	% of Total Biomass Stock	
C-band	20	2	25%	4%	
L-band	40	4	35%	8%	
P-band	100	10	60%	20%	
<u>Tree Height</u>	250	25	75%	80%	
M. L. Imhoff, "Radar Backscatter and I	Biomass Satura	tion: Ramifications	s for Global Biomass Invento	ty ",IEEE TGARS, Vol. 33, No. 2, March	
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From Remote Imaging to Remote Measurement						
Wat has been done:	Estimation of Tree Height Forest Extinction Underlying Topography Ground Signature under the Forest using a <u>single frequency single baseline</u> sensor					
	Validation in L-band					
	Validation in P-band					
Where are we now:	Model extention to account for temporal decorrelation					
	Model Development and Validation of Biomass Estimation					
	Multi-Baseline Pol-InSAR Processing Techniques Model Development Inversion Algorithms					
Where we like to go:	Estimation of Surfaces Parameters under Vegetation Estimation of Forest Structural parameters					
	Differential Polarimetric Interferometry					
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10 POL-IN-SAR











