

**Agenda GLOBIOM training for future deforestation modelling – REDD-PAC**

<b>Monday 8<sup>th</sup> September</b>		
09.30-09.45	Welcome to IIASA	Michael Obersteiner
09.45-10.00	Roundtable	All
10.00-10.30	Overview on GLOBIOM team and model	David Leclere on behalf of Petr Havlík
10.30-10.45	Questions	Participants
10.45-11.00	Coffee break	
11.00-11.30	Introduction on land use modeling: comparison of different approaches	Aline Mosnier
11.30-11.40	Questions	Participants
11.40-12.00	Modeling future deforestation with GLOBIOM: Congo Basin case study	Aline Mosnier
<b>12.00-14.00</b>	<b>Lunch break</b>	
14.00-15.15	Input data and harmonization for the base year	Aline Mosnier
15.15-15.30	Coffee break	
15.30-16.30	Exploration of input data in the GUI	Participants

<b>Tuesday 9<sup>th</sup> September – Introduction to GAMS</b>		
09.30-10.30	How to read and write in GAMS? Project, set, parameters, variables, equations, if conditions, etc...	Amanda Palazzo
10.30-10.45	<i>Coffee break</i>	
10.45-11.15	Exercises	Participants
11.15-11.45	The most common error messages	Amanda Palazzo
11.45-12.15	Exercises	Participants
<b>12.15-14.00</b>	<b><i>Lunch break</i></b>	
14.00-15.00	How to look for things? Search, gdx, etc...	Amanda Palazzo
15.00-15.30	Exercises	Participants
15.30-15.45	<i>Coffee break</i>	
15.45-16.30	How to include or export data to excel? Csv tables, reading excel file, copying to excel, exporting to excel, etc...	Amanda Palazzo
16.30-17.00	Exercises	Participants
<b>Wednesday 10<sup>th</sup> September – Land use modeling</b>		

09.30-10.00	Economic theory behind GLOBIOM	Ulrich Kleinwechter
10.00-10.15	Questions	Participants
10.15-10.30	<i>Coffee break</i>	
10.30-11.30	Main equations: objective function, land use balance and market balance	Hugo Valin
11.30-12.15	Exercises	Participants
<b>12.15-14.00</b>	<b><i>Lunch break</i></b>	
14.00-15.00	Main outputs: production, consumption, prices, land use change, emissions	Stefan Frank
15.00-15.30	Exercises	Participants
15.30-15.45	<i>Coffee break</i>	
15.45-16.30	Checks- Optimal solution, structure of the model (Gamscheck), calibration of the base year, results consistency	Stefan Frank
16.30-17.00	Exercises	

<b>Thursday 10<sup>th</sup> September – Dynamics and scenarios</b>		
09.30-10.00	Exogenous drivers and recursive dynamics	Aline Mosnier
10.00-10.30	Exercises	Participants
10.30-10.45	<i>Coffee break</i>	
10.45-11.15	Scenarios: climate change	Aline Mosnier
11.15-11.45	Exercises	Participants
11.45-12.15	Analysis of the results	
<b>12.15-14.00</b>	<b><i>Lunch break</i></b>	
14.00-15.00	Scenarios: interdiction of deforestation	Aline Mosnier
15.00-15.30	Exercises	
15.30-15.45	<i>Coffee break</i>	
15.45-17.00	Analysis of the results	Participants

<b>Friday 11<sup>th</sup> September – Improvement of national model</b>		
9.30-12.30	Upon projects objectives, data availability and personal interest...	Aline Mosnier
12.30-14.00	Lunch break	
14.00-15.00	Feedbacks on the week and next steps	All