



# POLICY WORKSHOP

*INPE– IAI AUDITORIUM*

*SÃO JOSÉ DOS CAMPOS, SEPTEMBER 11, 2012*

## TERMS OF REFERENCE

### BACKGROUND

Policies for implementing REDD+ (Reducing Emissions from Deforestation and Forest Degradation plus conservation of forest carbon stocks, sustainable management of forests and enhancement of forest carbon stocks) under the UNFCCC will potentially have major impacts on land use, and thus on both economy and ecosystems. Consequently, understanding how different REDD+ policies are likely to influence land-use change is essential to enable planning and development of policies for REDD+ that safeguard and enhance sustainable economic development and biodiversity. Moreover, it will participate to an efficient, effective and equitable REDD+ implementation.

The REDD-PAC project (May 2012-November 2015) will act as a global forum for sharing and improving global data on forests and deforestation drivers, developing methodologies for determining reference levels and best practices for national REDD+ modelling, as well as more general land-use planning. Furthermore, the project will help support countries in REDD+ planning by refining a global land-use model (GLOBIOM) for use in scenario analysis of land use changes under different REDD+ policies, with a focus on Brazil and the member countries of the Central African Forest Commission (the Congo Basin). The model will be used to assess the economic and biodiversity impacts of different REDD+ policy options.

The regional partners are instrumental in co-developing national versions of the land-use model, increasing their technical detail and applying them at finer geographic scales. Improvements to the model will be made through refining the model components, developing improved input data (including on present land use), and validating the model through comparison with empirical data on land use

change and with results of other regional studies. Regional partners also play a key role in identifying and defining the plausible policy options for REDD+ within the different regions.

## OBJECTIVE

This workshop is one of the first steps in building relevant forward-looking policy scenarios for Brazil. The objective is threefold:

1. to acquaint Brazilian stakeholders with the REDD-PAC project and the modelling approach which will be used to assess policies
2. to build a credible 'No Additional Policy Scenario' (NAPS) by defining what the current environmental, forest and agricultural policies are or will be in the next decade, and how important parameters (drivers) such as population, road network, crop yields... will most likely change over time
3. to investigate how REDD+ could be integrated into the current policy framework.

## PARTICIPANTS

The workshop is organized by INPE, IPEA, and IIASA (International Institute for Applied Systems Analysis). Stakeholders from the Brazilian federal government and Brazilian scientists are invited. Below is the list of potential participants:

### Organizers

Name	Institution	email
Michael Obersteiner	IIASA	oberstei@iiasa.ac.at
Alexandre Ywata	IPEA	alexandre.ywata@ipea.gov.br
Gilberto Câmara	INPE	gilberto.camara@inpe.br

### Invited participants (external to INPE)

Name	Institution	email
Gesmar Rosa dos Santos	IPEA (Agriculture, Agricultural Policy, Biofuels)	gesmar.santos@ipea.gov.br
Gustavo Luedemann	IPEA (Climate Change, Public Policies)	gustavo.luedemann@ipea.gov.br
César Nunes de Castro	IPEA (Urban, Regional Studies)	cesar.castro@ipea.gov.br
Francisco Oliveira	MMA (head of Dept. of Policies for Deforestation Control)	chicoecomma@gmail.com

Alexandre Avelino	MMA (Climate Change Directorate)	alexandre.avelino@mma.gov.br
Eduardo Assad	EMBRAPA (Climate Change, Agricultural Policy)	assad@cnptia.embrapa.br
Pedro Hemsley	PUC-RIO (Climate Policy Institute)	pedrohemsley@gmail.com

### Invited participants (internal INPE)

Name	INPE Centre	email
Julio D'Alge	Associate Director for Earth Observation (Remote Sensing)	julio@dpi.inpe.br
Thelma Krug	Head of International Affairs (Climate Change)	Thelma.krug@inpe.br
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Jean Ometto	Earth System Science Centre (Biofuels, Biomass)	Jean.ometto@inpe.br
Peter Toledo	Earth System Science Centre (Land Use Policy, Public Policy)	Peter.toledo@inpe.br
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Ana Aguiar	Earth System Science Centre (Land Use Modelling, Land Use Policy)	Ana.aguiar@inpe.br

### Project team

Name	Affiliation	email
Aline Mosnier	IIASA	mosnier@iiasa.ac.at
Fernando Ramos	INPE (Applied Informatics Lab)	Fernando@lac.inpe.br
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Aline Soterroni	REDD-PAC project	alinecsoterroni@gmail.com

## AGENDA

### MORNING - 9:30 AM TO 12:00 AM

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- **9:30 to 10:15**    **REDD-PAC Project overview**  
G. Câmara / M. Obersteiner / F. Ramos
- **10:15 to 11:00**    **Land-use change models**  
P. Andrade / G. Câmara

*11:00 to 11:15 coffee break*

- **11:15 to 12:00**    **GLOBIOM overview and Brazilian version**  
A. Mosnier / A. Ywata

### AFTERNOON - 2:00 PM TO 5:00 PM

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- **2:00 to 2:30**    **Policy considerations for land-use change models in Brazil**
  - **New Forest Code**
  - **PPCDAm**
  - **PPCerrado**
  - **Low Carbon Agriculture**
  - **Soy Moratorium**
  - **Climate Plan**
G. Câmara / M. Obersteiner / A. Ywata
- **2:30 to 3:00**    **REDD+ policies relevant for Brazil**
  - **REDD in Brazil**
  - **Biodiversity**
  - **Poverty alleviation and “Bolsa Floresta”**
  - **Payment of environmental services**
G. Câmara / M. Obersteiner / A. Ywata

*3:00 to 3:15 coffee break*

- **3:15 to 5:00**    **Discussion**  
All participants