

Thursday, 22 October, 2009 Blue Pavillion Room Alerce 18:30-20:30

## Global Forests: Impacts on Major Biogeochemical Cycles

### Objectives

1. Quantification of past and current impacts of global forests on global carbon and nitrogen cycles;
2. Forecast of global forest carbon cycling for 21<sup>st</sup> century;
3. Carbon management as a component of transition of global forestry to sustainable forest management;
4. Global forests in context of post Kyoto developments (after the first commitment period)

### Presentations

1. Tropical forests and the GHG budget: monitoring, deforestation, current uncertainties and future outlook Steffen Fritz<sup>a</sup>, et al.
2. Impact of forests of Northern extratropical belt on global carbon cycle Anatoly Shvidenko<sup>a</sup>, et al.
3. Carbon cycling in tree plantations in temperate and subtropical south America Esteban Jobbagy<sup>b</sup>, et al.
4. Russian forests: impacts on earth system Alexander Onuchin<sup>c</sup> et al.
5. Chinese forests and their impact on global carbon cycle Guangcui Dai<sup>d</sup>, et al.
6. Global forests and forestry beyond 2012 – carbon and nitrogen management as a adaptation and mitigation tool Florian Kraxner<sup>a</sup>, et al.



### Chairs

1. Prof. Sten Nilsson (Sweden, former Director of IIASA)
2. Prof. Anatoly Pisarenko (Russian Federation, Academician of the Russian Academy of Sciences)

### Author Institutions

<sup>a</sup>International Institute for Applied Systems Analysis (IIASA), Forestry Program, Schlossplatz 1, A-2361 Laxenburg, Austria, [www.iiasa.ac.at/Research/FOR](http://www.iiasa.ac.at/Research/FOR)

<sup>b</sup>Grupo de Estudios Ambientales – IMASL, Universidad Nacional de San Luis & CONICET, Ejercito de los Andes 950 - Primer Piso, 5700 - San Luis – ARGENTINA, Tel +54 2652 424740, <http://gea.unsl.edu.ar/>

<sup>c</sup>Institute of Forest, Siberian Branch, Russian Academy of Sciences, Krasnoyarsk, Russian Federation, [www.ksc.krasn.ru](http://www.ksc.krasn.ru)

<sup>d</sup>China National Forestry Economics and Development Research Center (FEDRC), State Forestry Administration No. 18 He Ping Li Dong Jie , Beijing 100714, [www.forestry.gov.cn](http://www.forestry.gov.cn)