QUESTIONS for the students

*Students are not expected to give comprehensive answers to these questions, but rather to find elements and partial answers from the four papers distributed*

1/ Crops  
- What is the impact of different management practices on the ability of the agriculture for carbon mitigation  
- In particular what is the real potential of first generation of biofuel for carbon mitigation.  
- What are the solutions to solve the trade off between increasing food demand and potential negative effect of climate change on agriculture  
- What was the evolution of crops during the 20th century and is impact on the global carbon cycle.  
2/ Disturbances:  
- What are the most important forest disturbances with regards to the carbon cycle?   
- Are these disturbances similar in all biomes?   
- How important are disturbances for the global forest carbon cycle?   
Students are not expected to give comprehensive answers to these questions, but rather to find elements and partial answers from the four papers distributed.   
3/ Forest sink  
- Which are the different methods to estimate the forest sink?   
- What is the uncertainty and scale(s) associated with each method?   
- What are the strengths and weaknesses of each method?