

**ISSI Forum on “Assessing Requirements for a Carbon
Model Reference Validation Network”**

Tuesday, 10 January 2012

Introduction

9:15-9:30 **Introduction to ISSI and the Forum** (R.-M. Bonnet, L. Bengtsson)

Block I: Models, weaknesses and strengths

09:30-10:30 **Carbon cycle models: what do they tell us and what do they not tell us?** (P. Friedlingstein)

10:30-11:30 **Carbon cycle assimilation** (M. Scholze)

11:30-12:30 **Ocean carbon assimilation** (N. Gruber)

12:30-14:00 *Lunch*

Block II: Observations, in situ and space-based

14:00-15:00 **In-situ observations, availability and access to data** (P. Ciais)

15:00-16:00 **Satellite observations, potential products supporting assimilation studies** (H. Blatzer)

Block III: Data issues, assimilation and model development

16:00-17:00 **Current validation schemes and their possible improvements** (F. Chevalier)

17:00-18:00 **Benchmarking models and data?** (G. Balsamo)

19:00- *Dinner*

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09:00-10:00 **Overview presentation - Introduction to the discussions** (M. Heimann)

10:00-12:00 **General discussion**

12:30-13:30 *Lunch*

13:30-15:00 **General discussion and conclusion of the Forum**