



**Modeling and Managing Watersheds Workshop Agenda
September 15-16, 2011
Umubano Hotel, Boulevard de l'umuganda
Kigali, Rwanda**

September 15, 2011

09:00 Welcome and Introductions, *Dr. Michel Masozera/WCS*

09:30 What is the Water Supply Stress Index-Carbon and Biodiversity (Wassi-CB) model?,
Ge Sun, USFS

- Objective
- Algorithms/Theory

10:15 Morning Break

10:45 What is Wassi-CB, Continued?, *Dr. Ge Sun and Mr. Matthew Wingard, USFS*

- Databases
- Model Application

11:30 Install Wassi on Computers and Walk through WaSSI model on computers
Dr. Ge Sun, Ms. Erika Cohen, and Mr. Matthew Wingard, USFS

12:00 Lunch

13:00 Wassi Exercise and Break Into Groups, *Dr. Steve McNulty, Dr. Ge Sun and Ms. Erika Cohen, USFS*

15:30 Afternoon Break

16:00 Finish Wassi Exercises/ Start Group Presentations

17:30 Wrap-Up and Adjourn for Day

September 16, 2011

09:00 Review of Wednesday, *Dr. Steve McNulty, Dr. Ge Sun and Ms. Erika Cohen, USFS*

- 10:00 Assessing Soil Erosion with the Universal Soil Loss Equation and the use of the Integrated Valuation of Ecosystem Services and Tradeoffs (InVEST) Model, *Dr. Steve McNulty, and Ms. Erika Cohen, USFS*
- 11:00 Morning Break
- 11:15 Assessing Soil Erosion with the Universal Soil Loss Equation and the use of the Integrated Valuation of Ecosystem Services and Tradeoffs (InVEST) Model (*continued*), *Dr. Steve McNulty, and Ms. Erika Cohen, USFS*
- 12:00 Lunch
- 13:00 What is Artificial Intelligence for Ecosystem Services (ARIES)?, *Dr. Jon Erikson, University of Vermont*
- 15:00 Afternoon Coffee
- 15:30 Wrap Up Discussion and Synthesis
- 17:00 Adjourn