

Water Futures and Solutions: World Water Scenarios Initiative (WFaS)

Project Group Meeting
6-8 May 2013, IIASA, Gvishiani Room

DRAFT AGENDA

Day 1: Monday, 6 May 2013

Theme: Conceptual Diagram and Supporting Data

- 09:00** *Transfer from Prinz Eugen Hotel, Vienna to IIASA*
- 09:30** *Welcome Coffee (Conference Foyer)*
- 10:00** **Opening Remarks**
Pavel Kabat, Director/CEO, IIASA
Olcay Ünver, Coordinator, WWAP, UNESCO
- 10:15** **Overview presentation of the Water Futures and Solutions: World Water Scenarios Initiative**
William Cosgrove, Project Director, WFaS, IIASA
- 10:45** **Presentation and group discussion of conceptual framework and critical dimensions for water scenarios**
Piotr Magnuszewski, WFaS, IIASA
- 11:45** *Coffee Break (Conference Foyer)*
- 12:00** **Linkages of the WFaS scenarios to the RCP/SSP process**
Piotr Magnuszewski, WFaS, IIASA
Günther Fischer, WFaS, IIASA
- 13:00** *Lunch (Schloss Restaurant – Green Room)*
- 14:00** **Presentation and review of stylized scenarios**
Piotr Magnuszewski, WFaS, IIASA
- 16:00** *Coffee Break (Conference Foyer)*
- 16:15** **Presentation of the RCP/SSP process, information, tools, and timing**
Keywan Riahi, Energy Program, IIASA
- 17:00** **Presentation of the data required in terms of critical dimensions (drivers, variables, and indicators). Progress on pulling together the background information and literature on each**
David Wiberg, WFaS, IIASA
Günther Fischer, WFaS, IIASA
Charles Vörösmarty, WFaS, IIASA
- 18:00** *Adjourn and transportation to Prinz Eugen Hotel, Vienna*



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Day 2: Tuesday, 7 May 2013
Theme: Development of the WFaS modeling protocol

08:30 Transfer from Prinz Eugen hotel to IIASA

09:00 Plan for Day 2
 David Wiberg, WFaS, IIASA

09:15 Integrated assessment, water demand and water resources model presentations
Overview, description of inputs required, outputs produced, time range and resolution, spatial resolution and linkages with other models
Chair: Günther Fischer, WFaS, IIASA

	Presenter	Model
1	Volker Krey, Energy Program, IIASA	MESSAGE
2	Michael Obersteiner, Ecosystems Services and Management Program, IIASA	GLOBIOM
3	Laixiang Sun, Ecosystems Services and Management Program, IIASA	MRIO
4	Claudia Ringler, International Food Policy Research Institute (IFPRI)	IMPACT
5	Hester Biemans, Alterra Wageningen UR, The Netherlands	IMAGE
6	Günther Fischer, WFaS, IIASA	AEZ
7	Jan Prosser, CSIRO	CSIRO models
8	Reinhard Mechler, IIASA	CATSIM

10:45 Coffee Break

11:00 Continuation of model presentations
Chair: David Wiberg, WFaS, IIASA

	Presenter	Model
9	Dieter Gerten, Potsdam Institute for Climate Impact Research (PIK), Germany	LPJ
10	Martina Flörke, CESR, University of Kassel, Germany	WATERGAP
11	Naota Hanasaki, HO8-National Institute for Environmental Studies, Japan	HO8
12	Ingjerd Haddeland, Norwegian Water Resources and Energy Directorate (NVE)	VIC
13	Douglas Clark, Centre for Ecology and Hydrology, UK	GWAVA, JULES
14	Charles Vörösmarty, WFaS, IIASA	WBM

12:30 Sandwich Lunch (Conference Foyer)



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14:00 Discussion on the plan for integrating the models

Chair: William Cosgrove, WFaS, IIASA

The following topics will be discussed and the extent to which these methods can be employed.

- **Multi-model hydrologic assessment using drivers produced from the SSP integrated assessment modeling (IAM), or land use, energy, economic models individually**
Ingjerd Haddeland, Norwegian Water Resources and Energy Directorate
Naota Hanasaki, HO8-National Institute for Environmental Studies, Japan
- **Linkages and synergies with ISI-MIP**
Jacob Schewe, ISI-MIP- Potsdam Institute for Climate Impact Research
- **Model linkages employed for the RCP/SSP process**
Step-wise soft link integration of the hydrologic and IAM for the purpose of scenario analysis
Keywan Riahi, Energy Program, IIASA
Samir K.C. World Population Program, IIASA
Michael Obersteiner, Ecosystem Services and Management Program, IIASA

15:30 Coffee Break (Conference Foyer)

**15:45 Policy, institutional and behavioral change options
Integration with models**

Claudia Pahl-Wostl, WFaS, IIASA

Reinhard Mechler, Risk Policy and Vulnerability, IIASA

16:30 Development of more simply parameterized sector models to put together simplified integrated models for the assessment and sensitivity analysis of options that are not fully embedded in the scenarios

David Wiberg, WFaS, IIASA

Felicjan Rydzak, Ecosystem Services and Management Program, IIASA

17:15 Agreement on the initial modeling protocol

David Wiberg, WFaS, IIASA

Fulco Ludwig, WU Environmental Sciences

18:45 Dinner (Schloss Restaurant) - Hosted by Pavel Kabat and Anneke Kabat

21:00 Transportation to Prinz Eugen Hotel, Vienna



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Day 3: Wednesday, 8 May 2013
Theme: Next Steps

- 08:30** **Transfer from Prinz Eugen hotel, Vienna to IIASA**
- 09:00** **Discussion of the production of presentable information needed for efficient and successful stakeholder group meetings**
How to transform input from stakeholders into input of the models
Chair: Piotr Magnuszewski, WFaS, IIASA
- 10:30** ***Coffee Break (Conference Foyer)***
- 10:45** **Case studies**
David Wiberg, WFaS, IIASA
- 11:15** **Discussion of the expertise that we are still lacking and the need to find additional partners**
Piotr Magnuszewski, WFaS, IIASA
- 11:45** **Agreement on the project document and work plan**
David Wiberg, WFaS, IIASA
- 13:00** **Adjourn. Transportation to Vienna airport and Prinz Eugen hotel, Vienna**