

“Forest Genetic Resources and the Future

Biomass in Forests”

Forum 22–24 October 2025

Wednesday, 22nd October 2025

8:30-9:00: registration and coffee

9:00: Welcome address to ISSI and format of the Forum – Mike Rast

9:30-12:45: Knowledge application: Observations & Models: Predictions, interventions and policy: the contributions of EO to quantify and monitor change and inform models and predictions, actions and policy

9:30-9:50: Social-ecological processes and Science-policy – Maria J. Santos

9:50-10:10: Earth Observation Programs – Ghassem Asrar

10:10-10:30: Ecosystems – Dave Schimel

10:30-10:50: Temporal dynamics – Kyla Dahlin

10:50-11:10: *Break*

11:10-11:30: EO for restoration – Lidong Mo

11:30-11:50: Carbon accounting - Chris Philipson

11:50-12:10: Mapping African charcoal – Adrian Ghilardi

12:10-12:45: Forum Discussion

14:00- 17:30: Which knowledge we have and need

Potential of forests: incorporating the potential of forests to respond to change, based on their (phylo)genetic and functional diversity

14:00-14:20: Genes from space – Meredith Schuman

14:20-14:40: Forest Genetic Resources – Niels Mueller

14:40-15:00: Genes to ecosystems – Ray Rishav

15:00-15:20: *Break*

15:20-15:40: Arid land forests – Henri Rueff

15:40-16:00: Biomass – Yinon Ban-Or

16:00-16:20: Carbon – Miguel Mahecha

16:20-16:40: Water – Lan Wang-Erlandsson

16:40-17:15: Forum Discussion

17:15-17:30: Working topics for Thursday

19:00 *Dinner at the Restaurant Rosengarten, Alter Aargauerstalden 31b, 3006 Bern*
(www.rosengarten.be)

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Forum 22–24 October 2025

Thursday 23rd October 2025

9:00: Welcome and topic assignment

9:30-12:45: Knowledge application

Observations & Models: Predictions, interventions and policy: the contributions of EO to quantify and monitor change and inform models and predictions, actions and policy

10:50-11:10: Break

12:10-12:45: Forum Discussion

Lunch Break

14:00-17:30: Which knowledge we have and need

Potential of forests: incorporating the potential of forests to respond to change, based on their (phylo)genetic and functional diversity

15:00-15:20: Break

16:40-17:15: Forum Discussion

17:15-17:30: Outputs and next steps

Friday 24th October 2025

9:00: Welcome and next steps

9:30-10:30: Knowledge application

Observations & Models: Predictions, interventions and policy: the contributions of EO to quantify and monitor change and inform models and predictions, actions and policy

10:30-11:00: Break

11:00-12:00: Which knowledge we have and need

Potential of forests: incorporating the potential of forests to respond to change, based on their (phylo)genetic and functional diversity