



2015 LWF-Pfynwald Workshop – Program

Swiss Federal Research Institute WSL, Zürcherstrasse 111, 8903 Birmensdorf
16 November 2015, Auditorium

Morning session

<i>Welcome coffee</i>	8:30 – 9:00
<i>Welcome & introduction</i> M. Schaub, WSL	9:00 – 9:10
<i>Form fits function – linking hydraulics and xylem anatomy along the stem axis</i> G. von Arx, WSL	9:10 – 9:25
<i>NSC dynamics in drought-stressed trees</i> L. Schoenbeck, WSL	9:25 – 9:40
<i>Long-term irrigation affects root growth and decomposition in a drought stressed Alpine Scots pine forest</i> C. Herzog, WSL	9:40 – 9:55
<i>Irrigation alters the "C age" but not the physiological age of fine roots</i> E. Solly, WSL	9:55 – 10:10
<i>12 years of irrigation in a drought stressed pine forest speeds up carbon cycling but has negligible effects on total soil organic matter stocks</i> F. Hagedorn, WSL	10:10 – 10:25
<i>Typically, it's neither carbon starvation nor hydraulic failure</i> H. Bugmann, ETHZ	10:25 – 10:40
<i>Tree mortality</i> N. McDowell, Los Alamos National Laboratory	10:40 – 11:10
<i>Understanding drought stress in trees</i> C. Körner, Uni Basel	11:10 – 11:40
<i>Discussion & debate</i>	11:40 – 12:00
Lunch & poster session	12:00 – 13:00

Afternoon session

<i>Scots pines still persist: evidence for a delayed vegetation shift in the Pfywald</i> T. Wohlgemuth, WSL	13:00 – 13:15
<i>The long-term effects of drought on tree-ring growth and tree ecophysiology in Pfywald</i> G. Timofeeva, PSI	13:15 – 13:30
<i>Is the combined C and O isotope approach still relevant? Strengths and weaknesses of the dual isotope approach</i> R. Siegwolf, PSI	13:30 – 13:45
<i>Foliar concentrations of macro- and micronutrients between 2004 and 2014 in response to irrigation at Pfywald</i> Th. Lindner, WSL	13:45 – 14:00
<i>Undergrowth removal in Salgesch: a complementary experiment on the responses of low elevation pine forests to changed land use in a warmer climate</i> P. Vollenweider, WSL	14:00 – 14:15
<i>Thermal remote sensing</i> R. Boesch, WSL	14:15 – 14:30
<i>Coffee break</i>	14:30 – 15:00
<i>State and development of drought in Swiss forests</i> S. Augustin, BAFU	15:00 – 15:30
<i>TreeNet - the biological drought and growth indicator network</i> R. Zweifel, WSL	15:30 – 15:45
<i>LWF und der Weg der Daten</i> O. Schramm, WSL	15:45 – 16:00
<i>Swiss Forest Labs</i> A. Gessler & A. Rigling, WSL	16:00 – 16:15
<i>Roundup discussion and conclusions</i>	16:15 – 16:30
Apéro	16:30