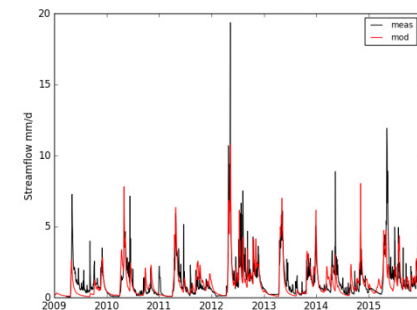
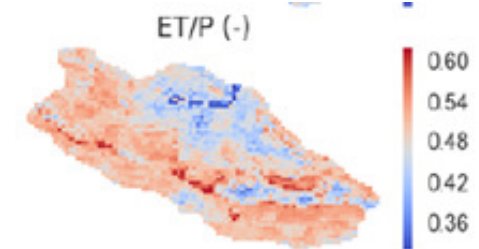
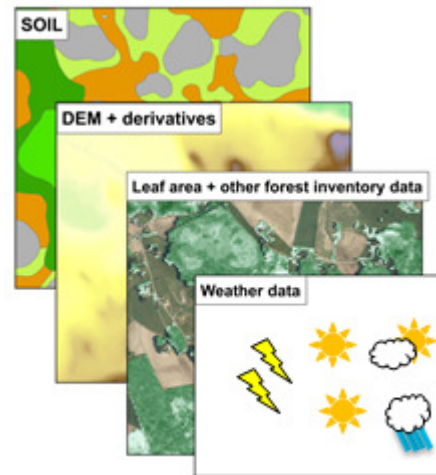
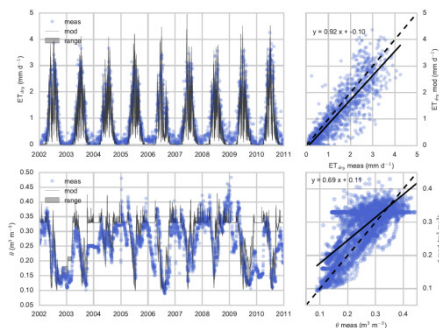
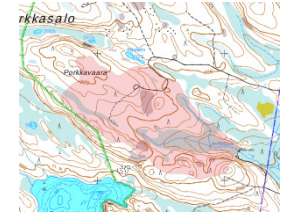


Samuli Launiainen (google: <https://goo.gl/zTQA2D>)

- Academy Research Fellow (- 8/2021)
 - PhD meteorology (2011, Univ. Helsinki)
 - Univ. Helsinki: 2006 – 2010
 - Metla / Luke: 8/2010 -
- Strengths:
 - Generalist, excellent in seeing connections and breaking the big picture into pieces
 - Some mathematical & programming skills
 - Motivation & motivating(?)
- Research interests: numerous
 - Mechanistic modeling
 - Coupling biogeochemical and hydrologic cycles
 - Multi-scale ecohydrology
 - Environmental impacts of forestry
 - Forest trafficability prediction

Can we upscale processes and mass balances from point to landscape?



Distributed ET,
snow & soil water
predictions,
streamflow

Theories, small-scale models

"simplifications where possible"

Open GIS-data
meteorologic data
streamflow data

Small-scale data

Large-scale data

Contacts

- Luke:
 - Antti-Jussi, Kersti Haahti, Mingfu Guan, Aura Salmivaara, Leena Finer, forest technologists, Hiha-people
- Climate impacts of boreal bryophytes – from functional traits to global models (AKA 2016-2018)
 - Seven Rice (Union College), Sebastian Luyssaert (VU Amsterdam), Gaby Katul (Duke Univ.), Hotaek Park (Japan), FMI, UHel, UEF
- Ecophysiology and ecohydrology
 - Gaby Katul; Timo Vesala, Annikki Mäkelä (Univ. Hel); Hjalmar Laudon, Niles Hasselquist (SLU Umeå); Giulia Vico (SLU Uppsala)
- Hydrologic & biogeochemical modeling
 - Ari Lauren (UEF/Luke); Gaby Katul; Stefano Manzoni (Univ. Stockholm), ...