

Process-based forest modelling using the medfate R package

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Ecosystem Modelling Facility



Content and temporal organization

Day 1 (Nov 30th):

- 1.1 Introduction to process-based forest modelling (theory; 30 min)
- 1.2 Introduction to the *medfate* R package (theory; 30 min)
- 1.3 Model inputs (practice; 1h)
- 1.4 Model inputs (exercises; 2h)

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Day 2 (Dec 1st):

- 2.1 Design and formulation of forest water/energy balance in *medfate* (theory; 1h)
- 2.2 Forest water/energy balance (practice; 1h)
- 2.3 Forest water/energy balance (exercises; 2h)

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Day 3 (Dec 2nd):

- 3.1 Design and formulation of forest carbon balance and forest dynamics in *medfate* (theory; 1h)
- 3.2 Forest growth and dynamics (practice; 1h)
- 3.3 Forest growth and dynamics (exercises; 2h)