# 4.2 - Closure and feedback

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### 1. Planned developments/improvements

#### Model developments/research

- Incorporate decomposition of litter and soil organic matter
- Study the effect of root horizontal overlap on simulations
- Implement fire effects on fordyn() simulations
- Implement forest planning decisions (e.g. demand-based wood extraction) in *medfateland* simulation functions of forest dynamics

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#### Model application

- Developing workflows/functions to facilitate the creation of forest objects from freelyavailable national forest inventories (e.g. France, US)
- Developing species parameter tables for other countries/regions.

### 2. Your feedback on medfate and companion packages

- 1. Is *medfate* a suitable tool for your research/applied projects?
- 2. What, in your opinion, is the largest impediment to using the package?
- 3. What additional processes do you think could be easily implemented into *medfate* models?
- 4. Do you know of other data sources suitable for large-scale initialisation?
- 5. Do you know of other climate data sources suitable for *medfate* simulations?
- 6. Would you appreciate being given pre-defined initialisation data (e.g. for watersheds, IFN plots, etc.)?



### 3. Your feedback on the course

- 1. Was the course difficult to follow? Why?
- 2. Were the theoretical parts useful with respect to understanding the model?
- 3. Were the exercises illustrative and useful?
- 4. What content do you think was missing and is key to understand/use *medfate*?

### M.C. Escher - Eye, 1946



