

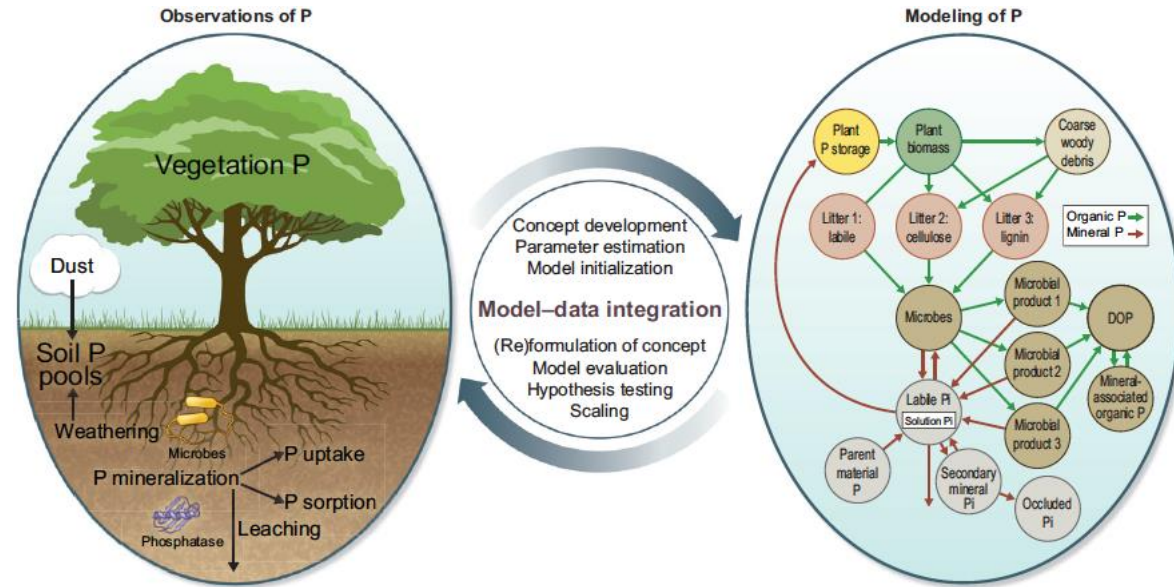
Incorporating phosphorus cycling into global scale modeling efforts: A worthwhile tractable endeavor

Objective:

Provide guidance for effectively including phosphorus cycling into Earth system models.

Approach:

- We used empirical and modeling perspectives to synthesize the current understanding of phosphorus cycling processes, discussing existing challenges and opportunities.
- Model–data integration was demonstrated as the way forward and we provide key processes and parameters for modeling phosphorus.



Results/Impacts:

This paper brings attention to the need for including phosphorus for accurate predictions of future climate, and provides a road map for how to move forward.

Reed, Sasha C., **Xiaojuan Yang**, and **Peter E. Thornton** (2015), Incorporating phosphorus cycling into global scale modeling efforts: A worthwhile tractable endeavor, *New Phyt.*, 208(2):324–329, Invited Tansley Insight, doi:[10.1111/nph.13521](https://doi.org/10.1111/nph.13521).