

Quantifying carbon and nitrogen metabolism of terrestrial ecosystems

Date 26th Nov (Fri.)

Time 16:00 (UTC+8)

Venue Zoom only



You can also email us to require the Zoom link
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Through this talk, he will present about the recent progress made from first chapter of his PhD at ETH Zurich. Particularly, it aims to derive empirical models for biomass production and allocation, tissue stoichiometry and nitrogen resorption efficiency as functions of multiple environments, and then applied in global framework to simulate carbon and nitrogen uptake for terrestrial ecosystems. The project attempts to resolve the question about to what extent terrestrial C and N cycles were coupled or not, and whether this was associated to responses of carbon and nitrogen use efficiencies to global environment.

All are welcome!



Yunke Peng is a PhD candidate in Environmental Systems Science, ETH Zurich. He has a board research interest in global carbon and nitrogen interactions of terrestrial ecosystems, about predicting and explaining responses of leaf traits, productivity, and other ecosystem variables to natural and experimental measurements. Before entering into ETH, he held Research Masters (MRes) degree in Ecosystem and Environmental Change, Imperial College London.