

The impacts of forest disturbances on soil and litter invertebrates

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Time 16:00 (UTC+8)

Venue Zoom Only

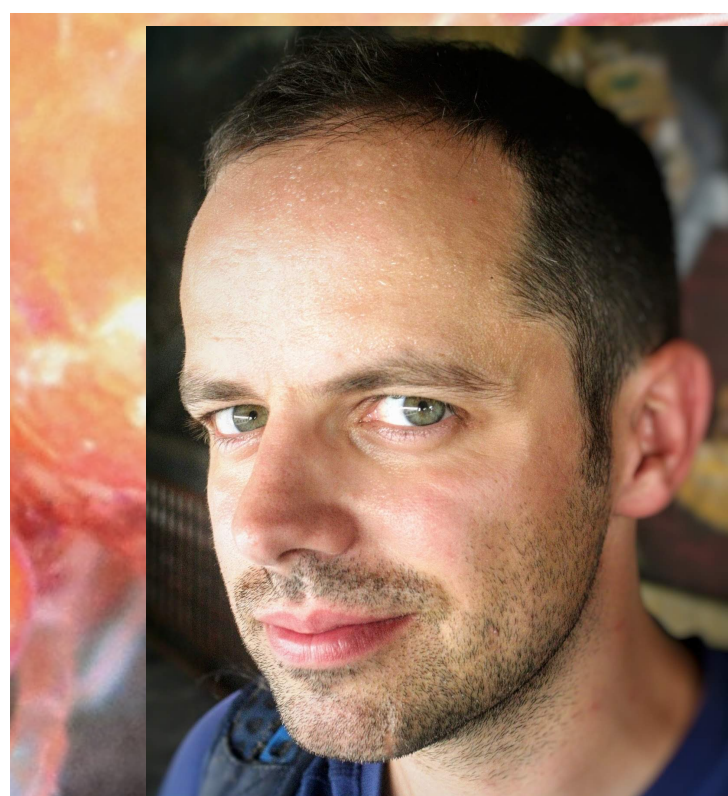


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How do disturbances to forests like fires, droughts, storms, and pest outbreaks impact soil and litter invertebrates? We know lots about how these perturbations affect large, cute biodiversity, but this isn't true for litter and soil dwelling invertebrates - despite their importance for soil functioning. In this talk I'll discuss three projects I've been working on to address this knowledge gap:

- (i) A large systematic map which identified serious geographic and taxonomic biases in field studies;
- (ii) A meta-analysis on the impacts of precipitation changes;
- (iii) An innovative umbrella review which combines results from multiple meta-analyses.

All are welcome!



Dr. Philip Anthony Martin is a postdoctoral researcher at the Basque Centre for Climate Change of the University of the Basque Country. He is passionate about two main research themes: (1) understanding how global change is impacting our ecosystems, and (2) finding optimal solutions for conservation. To tackle these complex issues, he harnesses the power of evidence synthesis methods like systematic mapping, systematic review, and meta-analysis. By conducting large-scale studies on these themes, he hopes to uncover important insights that can help inform conservation practices and policy.