**Article reading guide**

Bring completed guide to each paper discussion. The objective is to foster a rich discussion in class by reading papers with specific ‘Ecosystem Genomics’ questions in mind.

**Reading guide – all students complete this section weekly**

* Would you use ‘Ecosystem Genomics’ to describe the motivation, objectives, or methods in this study? Why?
* How many ecosystem and genomic components are represented in this work, and how does this fit our understanding of the minimum (or too many) components for Ecosystem Genomics research?
* What combination of individuals possessing which types of expertise would be required to carry out the majority of the work?
* Where did or could the authors get funding for this type of work?
* Does this paper alter at all our definition of who we are as a group?

**Summary (5-10 min) – Assigned to one student per week.**

* List the title, authors, and journal.
* Motivation: What is the key issue or problem the paper addressed and why is it important?
* Objectives: What were the study aims?
* Methods: What approach was taken and which methods used?
* Results: Summarize the results and what they show.
* Discussion and conclusions: Conclusions drawn and how they were supported.

Summary assignments:

* 9/6 – speaker: Malak Tfaily – summary leader: Peter Moma
* 9/13 – speaker: Bonnie Hurwitz – summary leader: Kai Blumberg
* 9/20 – speaker: Rod Wing – summary leader: Eldridge Wisley
* 9/27 – speaker: TBD summary leader: Neill Prohaska