Cocoa Cultivation: Understanding productivity in Agroforestry Systems

Martijn ten Hoopen
Mitigation (Andreotti et al., 2018)
Effect of structure and composition of cocoa AFS on pest and disease dynamics

Homogeneous shade reduces mirid density

Tree spacing impacts frosty pod incidence

(Babin et al., 2010; Gidoin et al., 2014; Ngo Bien et al., 2017)
Conclusion

Cocoa agroforestry:

✓ Reconciling sustainable production and ecosystem services

✓ understanding system functioning pre-requisite for informed decision making

✓ allows valorization and remuneration of services

yet not the end all solution to productivity challenges