

# Termites promote resource patchiness in Asia and constitute a model for achieving the sustainable development goals

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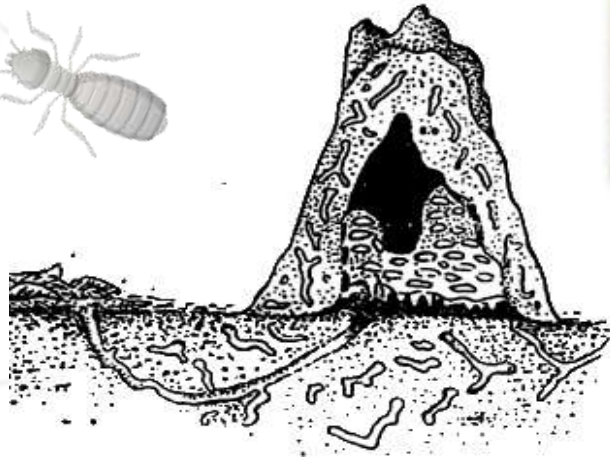


# A large diversity of below and above-ground organisms



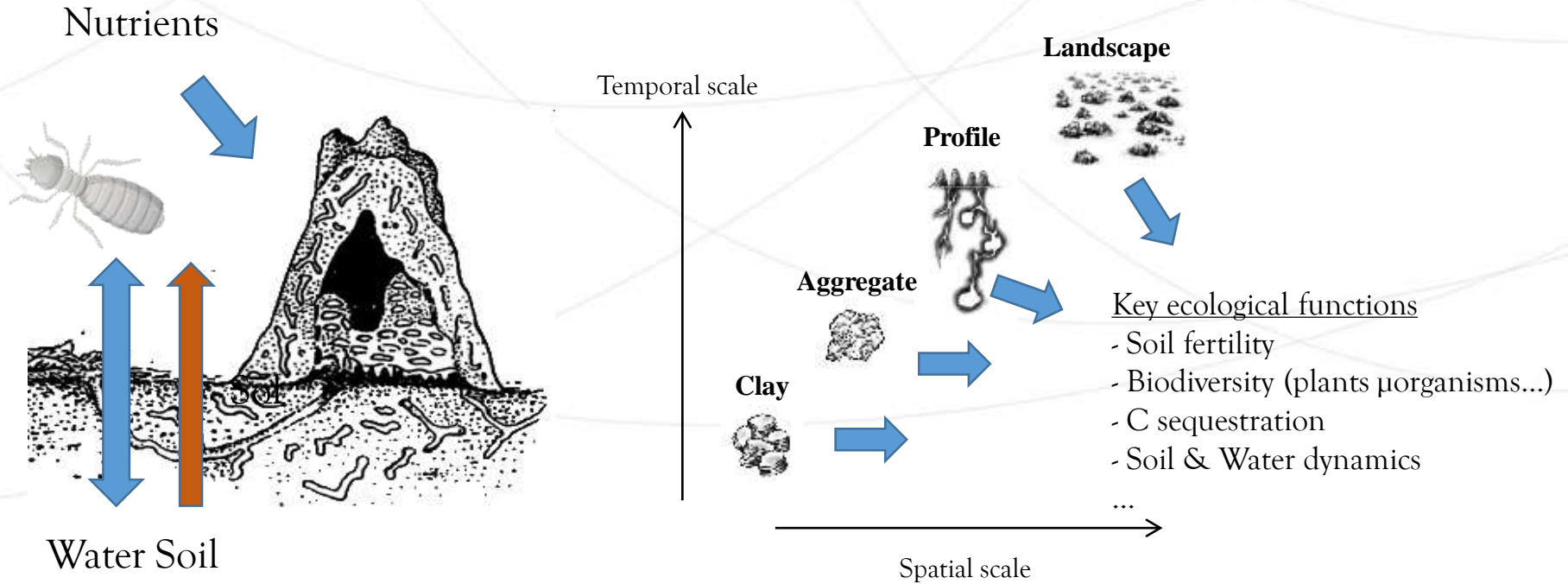
Termite's « Way of Life »:

Living below & building above



# Termite bioturbation

## An impact on numerous ecological functions



Bottinelli al. 2015. Soil Till. Res  
Jouquet et al. 2016. Soil Sci.



# Termite mounds in SEA

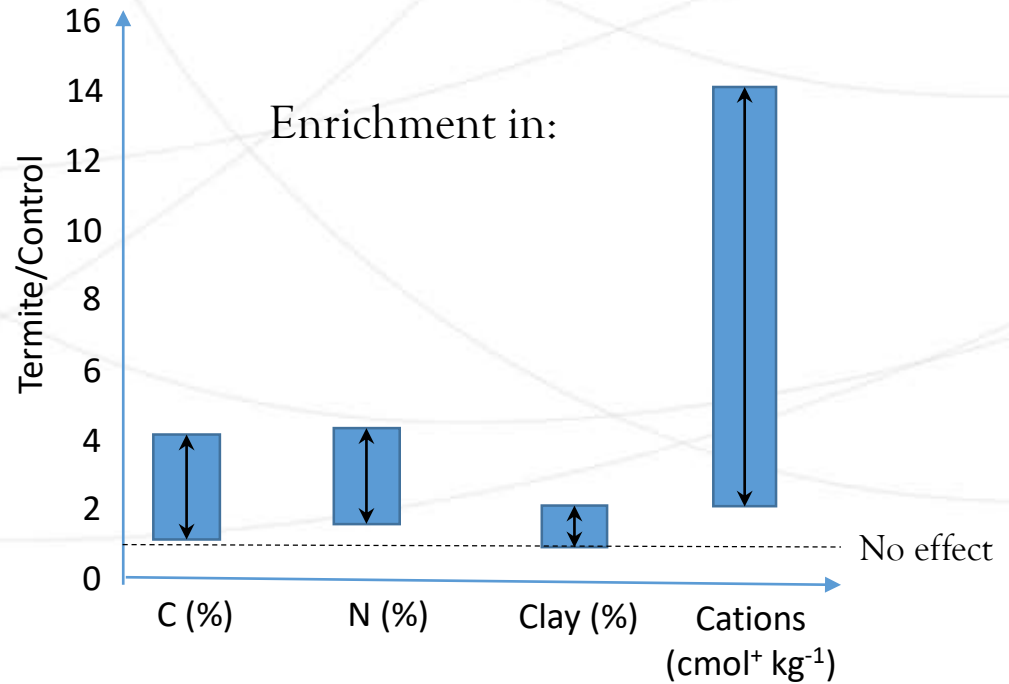


# Termite bioturbation

A « bottom - up » process



Below



Termite mounds as patches of fertility

Jouquet et al. 2017. Applied Soil Ecology  
Traoré et al. 2017. Ecosystems



# Services obtained from termite mounds?

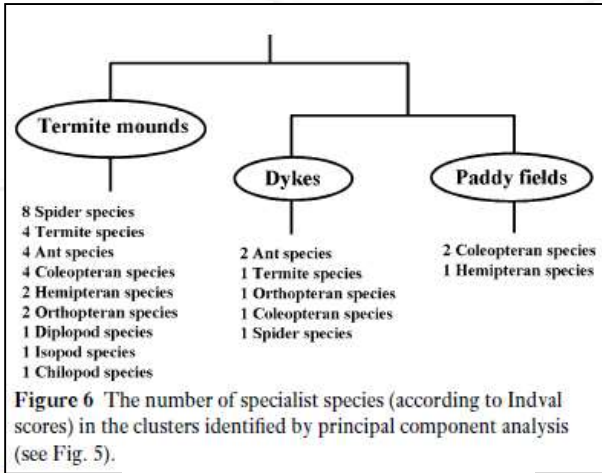


Termite activity



Biodiversity

Fertility



Source: Choosai et al. (2009)



# Services obtained from termite mounds?



Termite activity

Cultural good



Food diversity & security



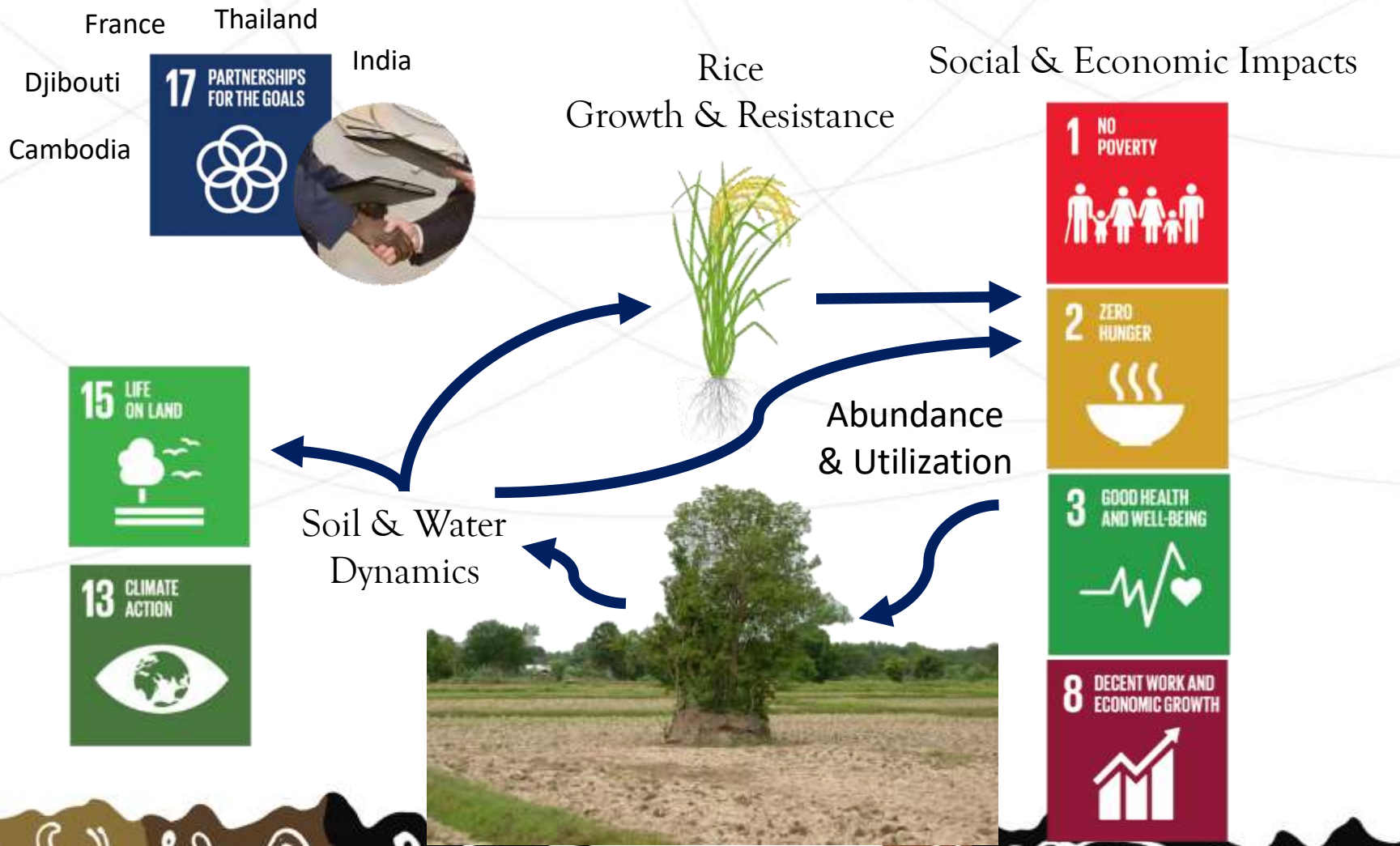
Source: Miyagawa et col. (2011)

Source: Muon R., PhD

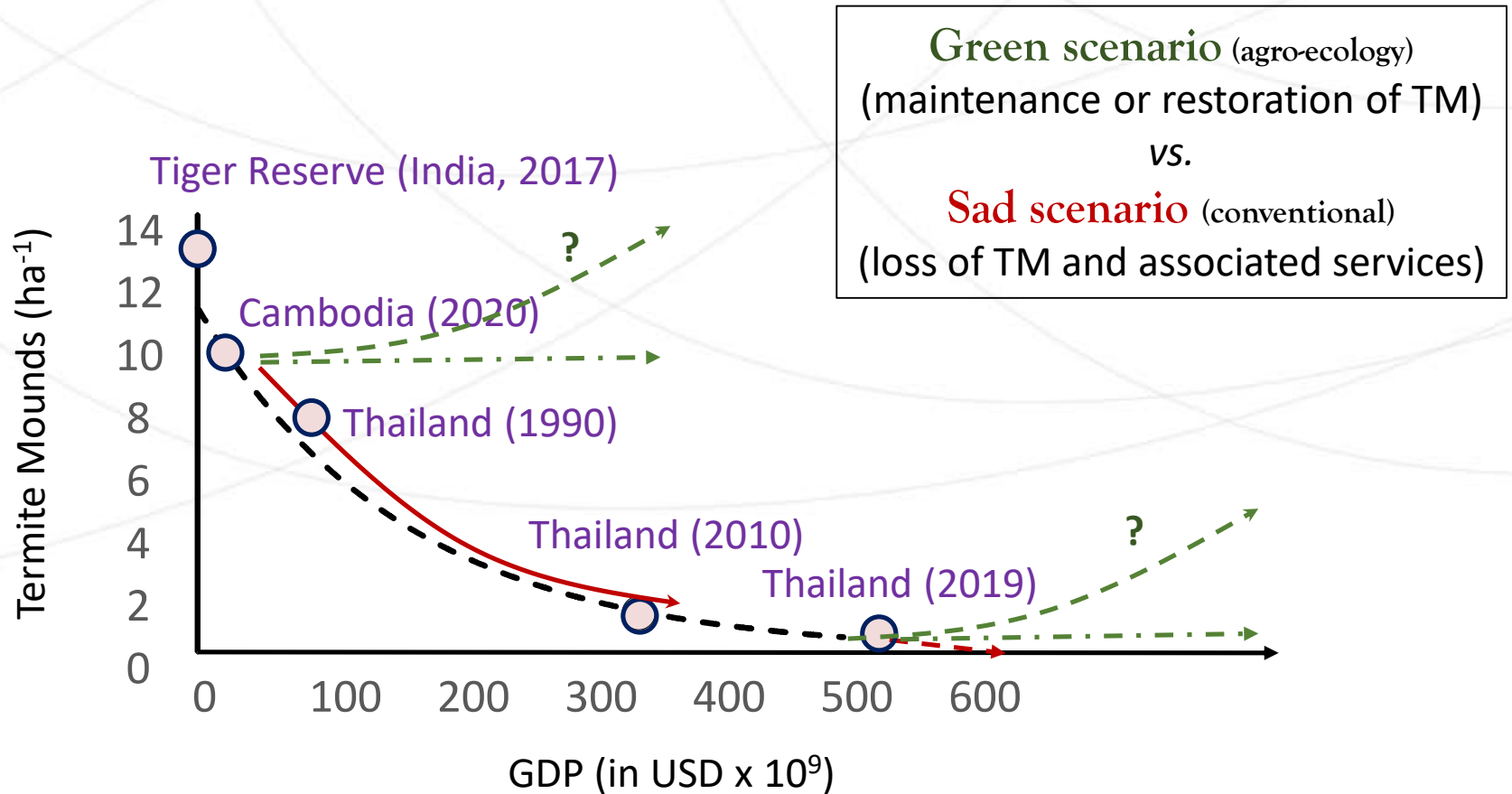




# Termites and the SDGs



# Will the services of yesterday and today be those of tomorrow?



Thank you for your attention

*Fest*

« Ecological Functioning  
of Tropical & Temperate Soils »

