



Seminar(i)

The ecology of wildlife-parasite interactions in the era of global defaunation

Serge Morand

(CNRS-CIRAD)

The Convention on Biological Diversity has set the 20 Aichi targets for biodiversity by 2020. However, almost all indicators of the Aichi targets currently show negative trends. Anthropogenic pressure (human appropriation of biological productivity), biodiversity (Living Planet Index), biodiversity benefits (domesticated breeds, Red List of pollinators) show declines with negative consequences on resources and ecosystem services. Many academic studies and reports conducted by international organizations stressed that environmental changes drive biodiversity loss ultimately affecting ecosystem resilience but also human health and well-being.

I will present results of our ongoing projects on rodent-borne diseases in Southeast Asia as a model to explore the effects of human-driven environmental changes on zoonotic risks. Then, I will discuss how the social-ecology approach that links ecological and biological metabolism with social metabolism, where social systems are seen as hybrid systems between cultures, socio-economics and environments, may help to address the link between biodiversity and health.

WHERE?

Seminar room - SS6
(Institutes building floor -1)

WHEN?

Thursday 14/02/2019 – 12:00 h