

PROGYSAT

Workshop restitution

Vector-borne diseases

September 29, 2022
Paramaribo, Suriname

Participants

- Claire Teillet (IRD/ESPACE-DEV, France)
- Emmanuelle Boichon (ARS-Guyane, French Guiana, France)
- Emmanuel Roux (IRD/ESPACE-DEV, France)
- Frans Amatali (Malaria program, MOH of Suriname, Suriname)
- Oscar Lapouble (PAHO/OMS, Suriname)
- Stephanie Cheuk-Alam (Bureau of Public Health, MOH of Suriname, Suriname)
- Yann Lambert (ARS-Guyane, CHC/CIC, French Guiana, France)

Risk stratification: PAHO/OMS proposals

- Risk stratification = Categorization of the risk
- 4 stratas based on the combination of
 - Territory **receptivity** = Presence of vector
 - **Risk of pathogene importation**

Application in Suriname

- Units of spatial analysis
- Results
- Next steps

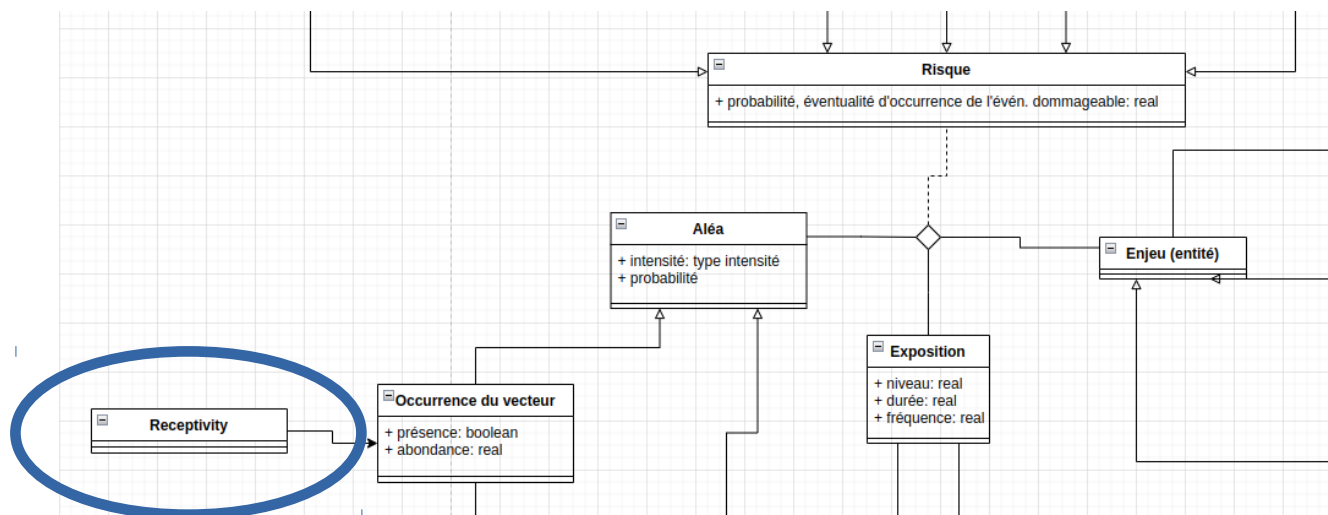
Malaria vs. Arboviruses

- **Concepts can be shared** : « ArboAlvo: método de estratificação da receptividade territorial às arboviroses urbanas » (Siqueira et al., 2022)
- **Methods can/must differ** due to the differences in the eco-epidemiological system functioning

| Proxy for territory receptivity | |
|--|--|
| malaria | Arbo. Transmitted by Aedes |
| Absence of cases for three consecutive years | ? Malaria approach not applicable (mobility, immunity, time dynamics ...) |

Why adopt PAHO/OMS standards

- Facilitate the dialogue between research and public health
- Facilitate the operationalization of the research results



Arboviroses – With Urban Axis

- **Urban characterization**

- Study area extent of Paramaribo
- Data and indicators

- **Breeding sites characteristics**

Applicability of the models developed by Claire ↔ expertise of the Bureau of public health)

Desire and need for an interdisciplinary and intersectorial collaboration in Progysat and future projects

Thanks, Obrigado, Merci !

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