Deep learning for the control of rabies: individual identification of dogs from camera trap data

Eugênio DIAS RIBEIRO NETO[1], Cyril BARRELET[1], Marc CHAUMONT[1], Gérard SUBSOL[1], Barandi Sapta WIDARTONO[2], Najib Arung PETANA[2], Wayan Tunas ARTAMA[2], Spheak SORN[3], Sowath LY[3], Etienne LOIRE[4], Michel DE GARINE-WICHATITSKY[4]

Hoang DUONG, Vincent RAVENEAU, Joël MAIZI, Cyril BARRELET, Marc CHAUMONT, Gérard SUBSOL, Michel DE GARINE-WHICATITSKY

[1] LIRMM, CNRS, Montpellier, France
[2] OHCC, UGM, Yogyakarta, Indonesia
[3] Epidemiology Unit, IPC, Phnom Penh, Cambodia
[4] UMR-ASTRE, CIRAD, INRAE, Université Montpellier, Montpellier, France

GREASE

I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA

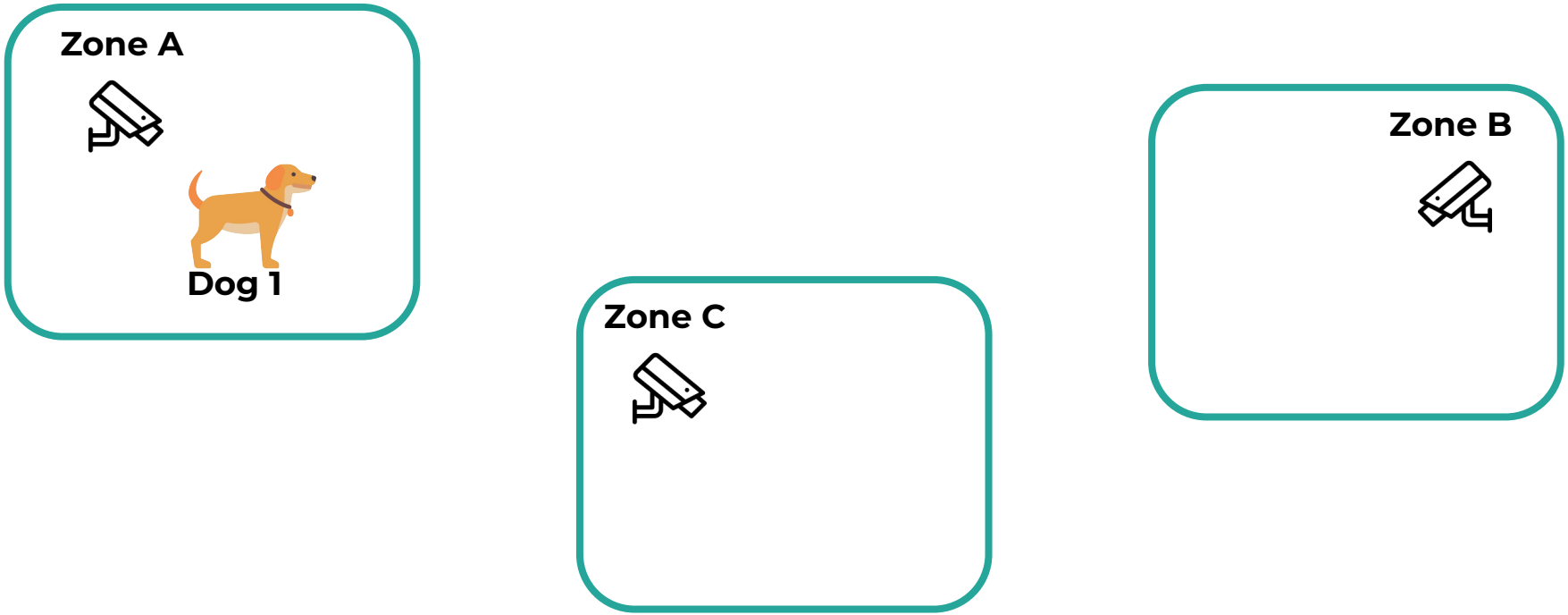
I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA

Zone A

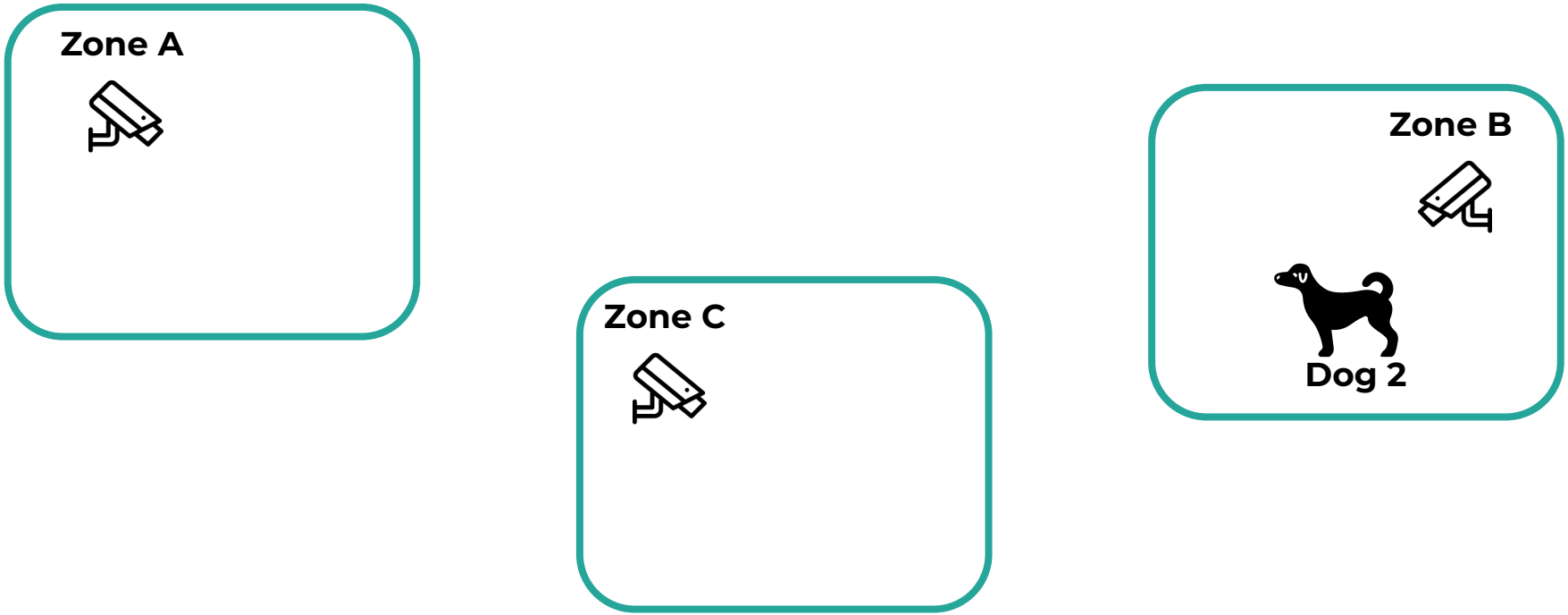
Zone B

Zone C

I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA



I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA



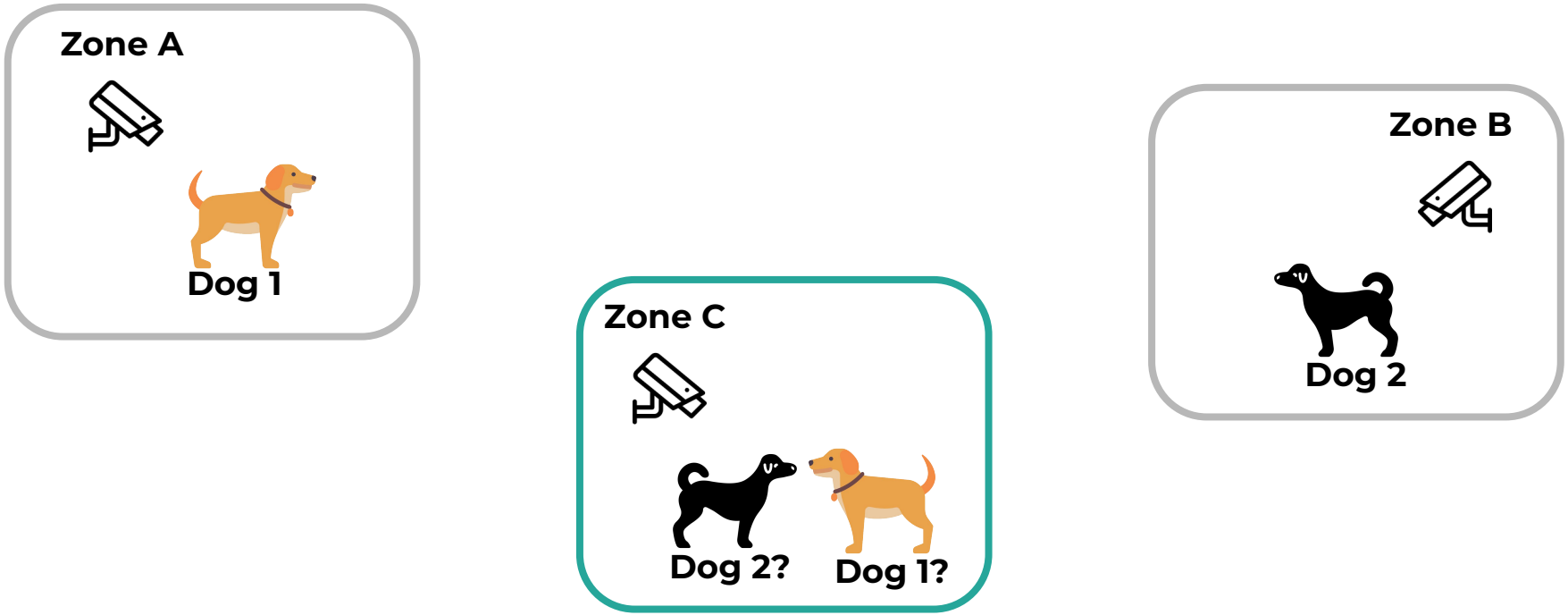
I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA

Zone A

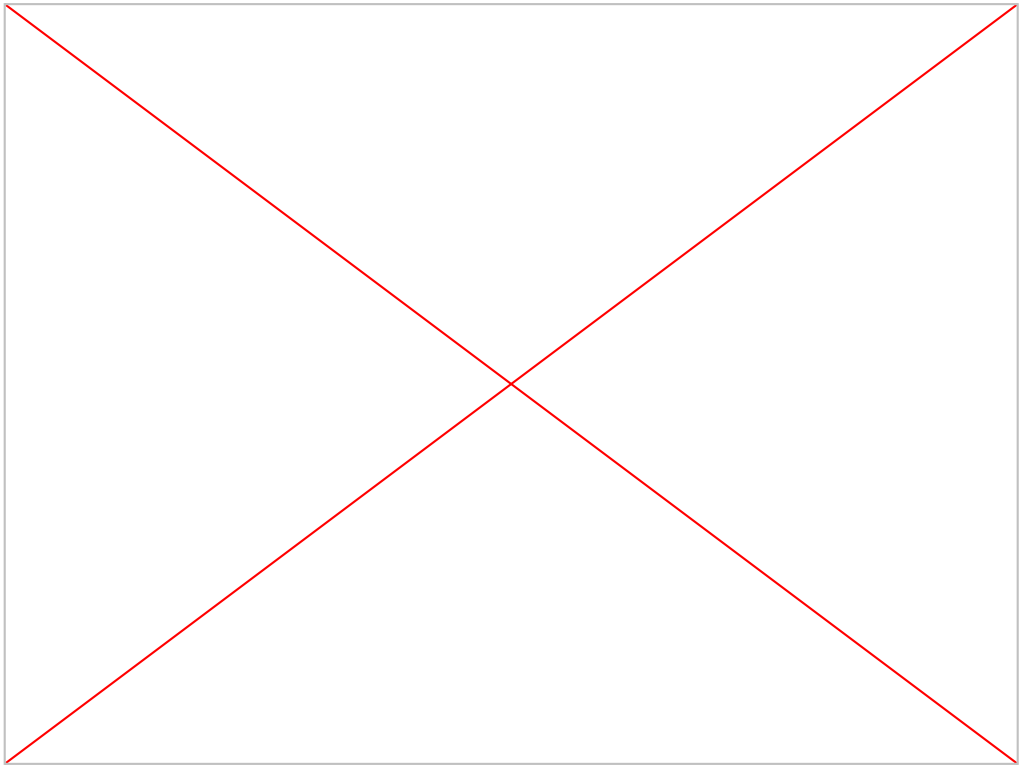
Zone B

Zone C

I. Socio-Ecological Approach of Dog-borne zoonotic diseases in Southeast Asia – SEA-dog-SEA

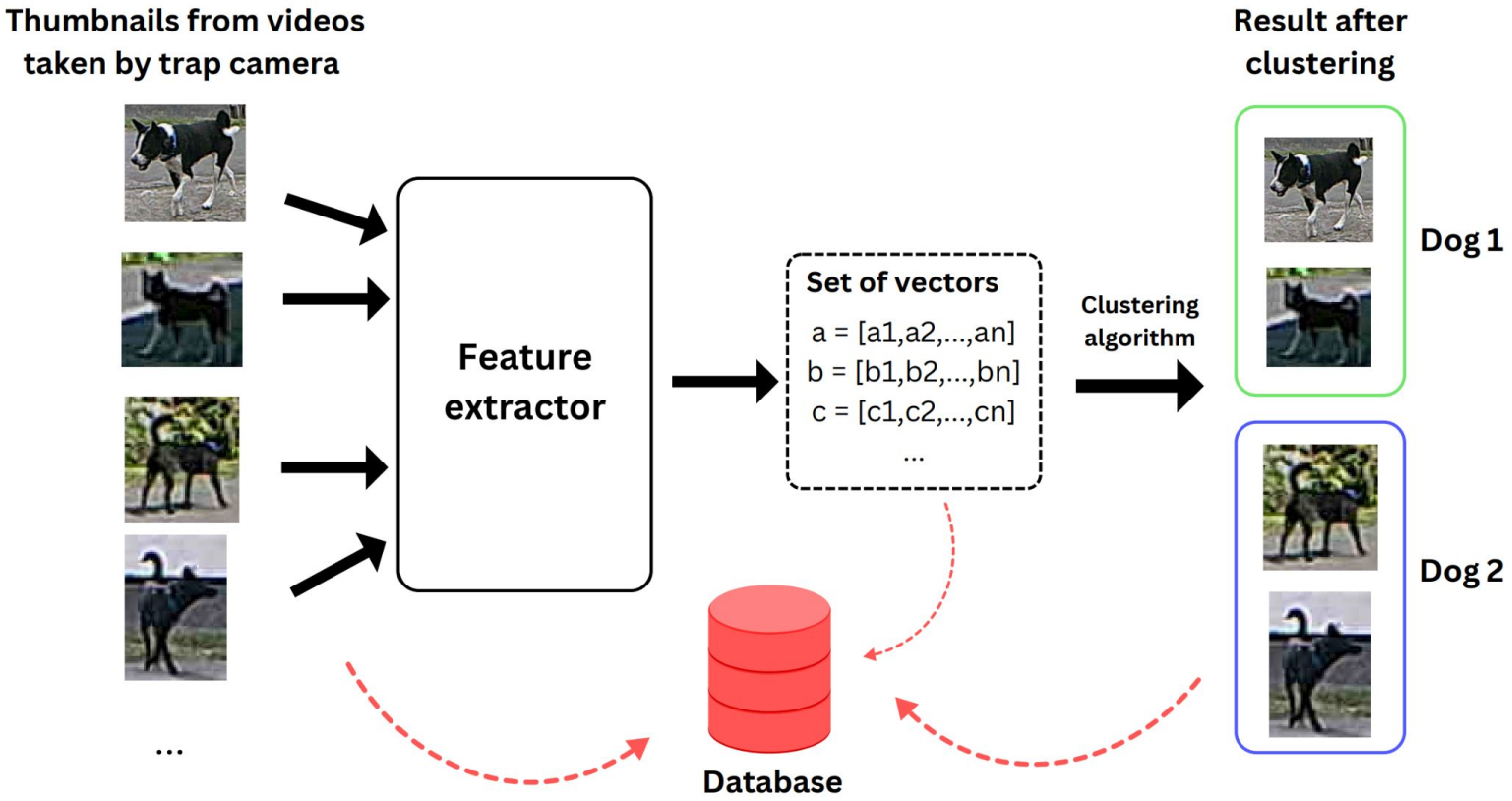


II. Dog re-identification from videos in non-controlled environment

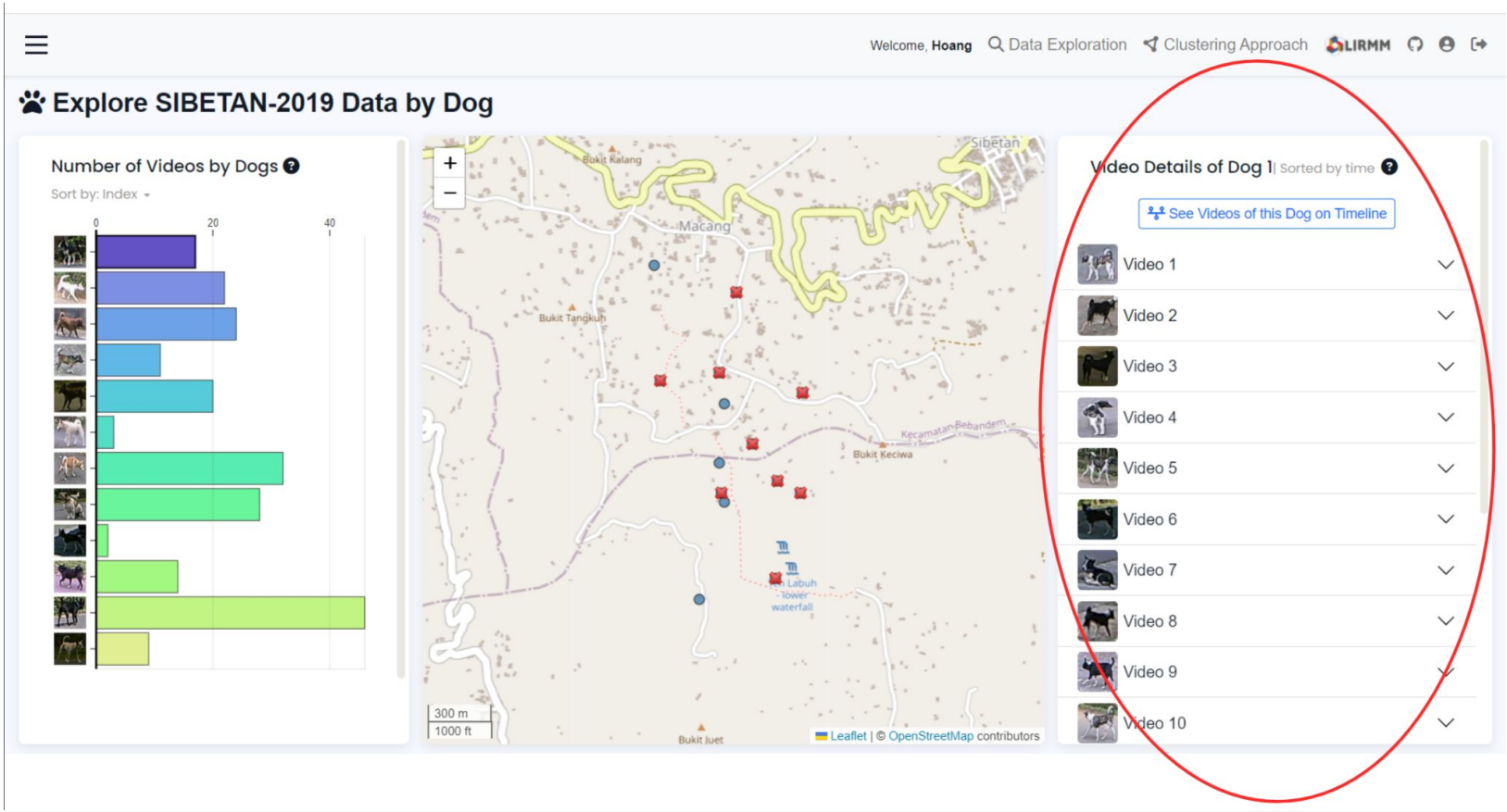


III. Dog re-identification visualization

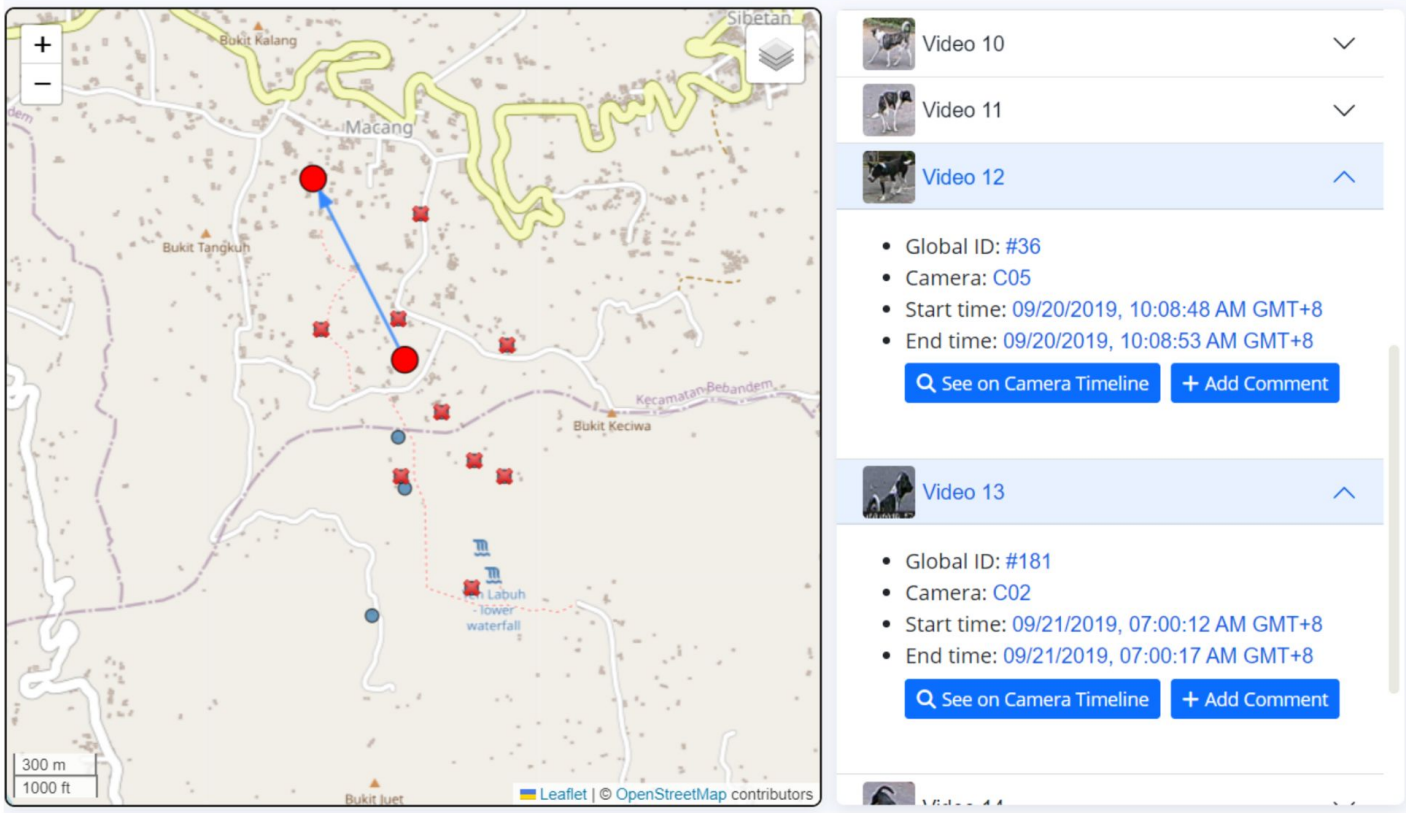
III. Dog re-identification visualization



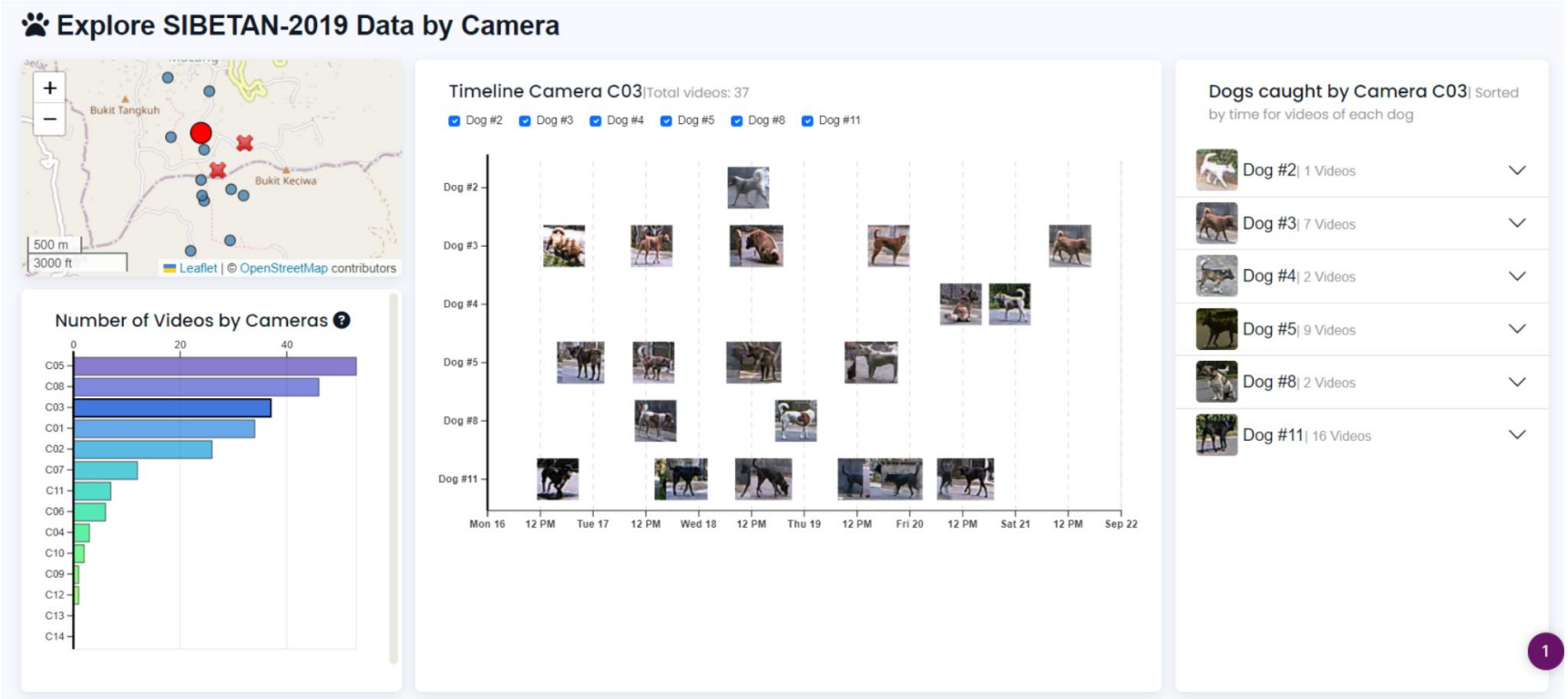
III. Dog re-identification visualization



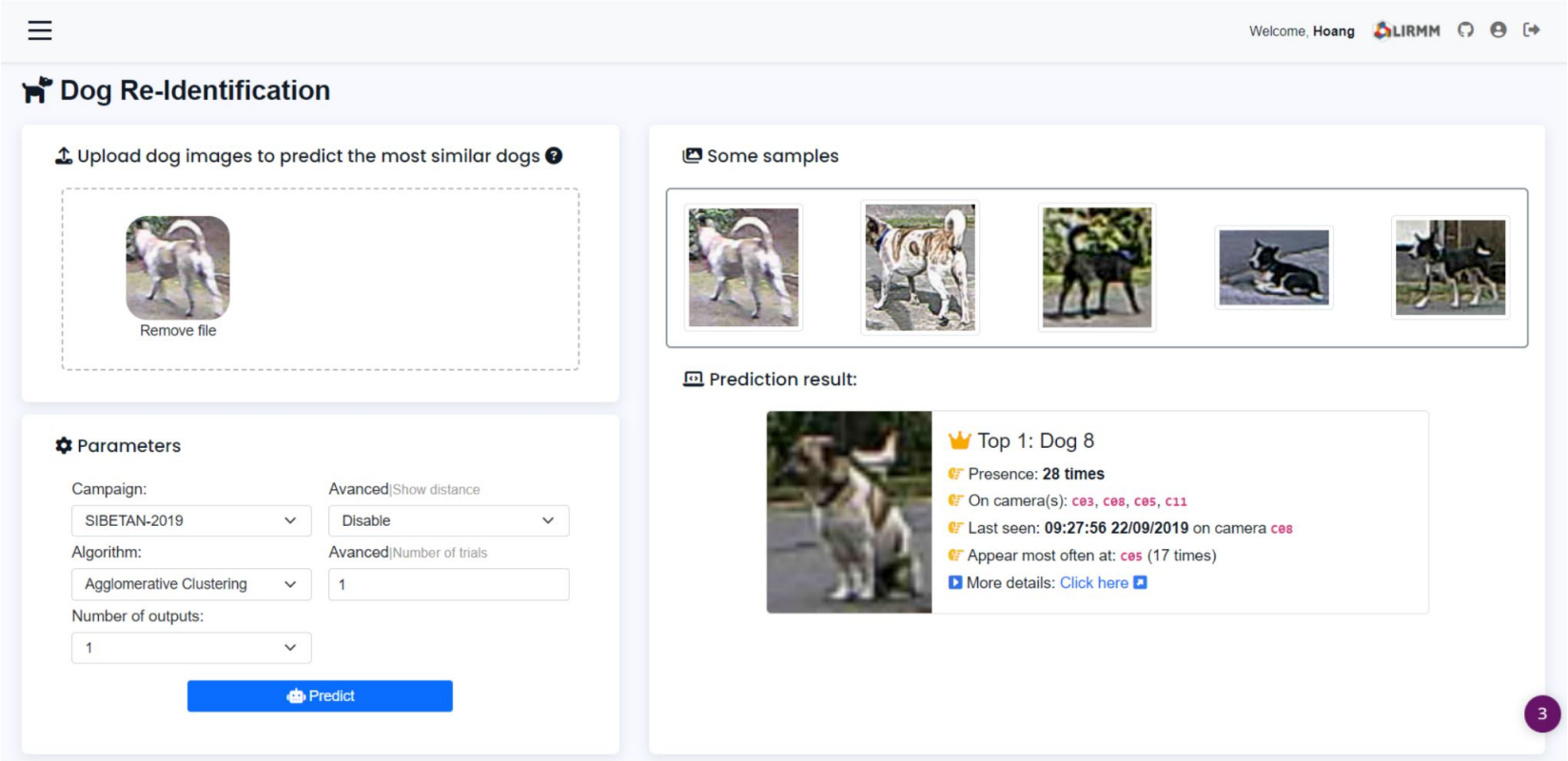
III. Dog re-identification visualization



III. Dog re-identification visualization



III. Dog re-identification visualization



Deep learning for the control of rabies: individual identification of dogs from camera trap data

Eugênio DIAS RIBEIRO NETO[1], Cyril BARRELET[1], Marc CHAUMONT[1], Gérard SUBSOL[1], Barandi Sapta WIDARTONO[2], Najib Arung PETANA[2], Wayan Tunas ARTAMA[2], Spheak SORN[3], Sowath LY[3], Etienne LOIRE[4], Michel DE GARINE-WICHATITSKY[4]

Hoang DUONG, Vincent RAVENEAU, Joël MAIZI, Cyril BARRELET, Marc CHAUMONT, Gérard SUBSOL, Michel DE GARINE-WHICATITSKY

[1] LIRMM, CNRS, Montpellier, France
[2] OHCC, UGM, Yogyakarta, Indonesia
[3] Epidemiology Unit, IPC, Phnom Penh, Cambodia
[4] UMR-ASTRE, CIRAD, INRAE, Université Montpellier, Montpellier, France

GREASE

Our website is available at https://seadogsea.lirmm.fr

Feel free to contact us for more information !