# Global Health Challenges at the Human-Animal-Ecosystem Interface Isabelle Bolon, Rafael Ruiz de Castañeda, Antoine Flahault Institute of Global Health, Faculty of Medicine, University of Geneva

### The Institute of Global Health

In the heart of International Geneva, the Institute of Global Health of the Faculty of Medicine (UNIGE) leads interdisciplinary research and teaching activities around the human-animal-ecosystem health interface and promotes an integrated One Health approach to tackle current Global Health challenges

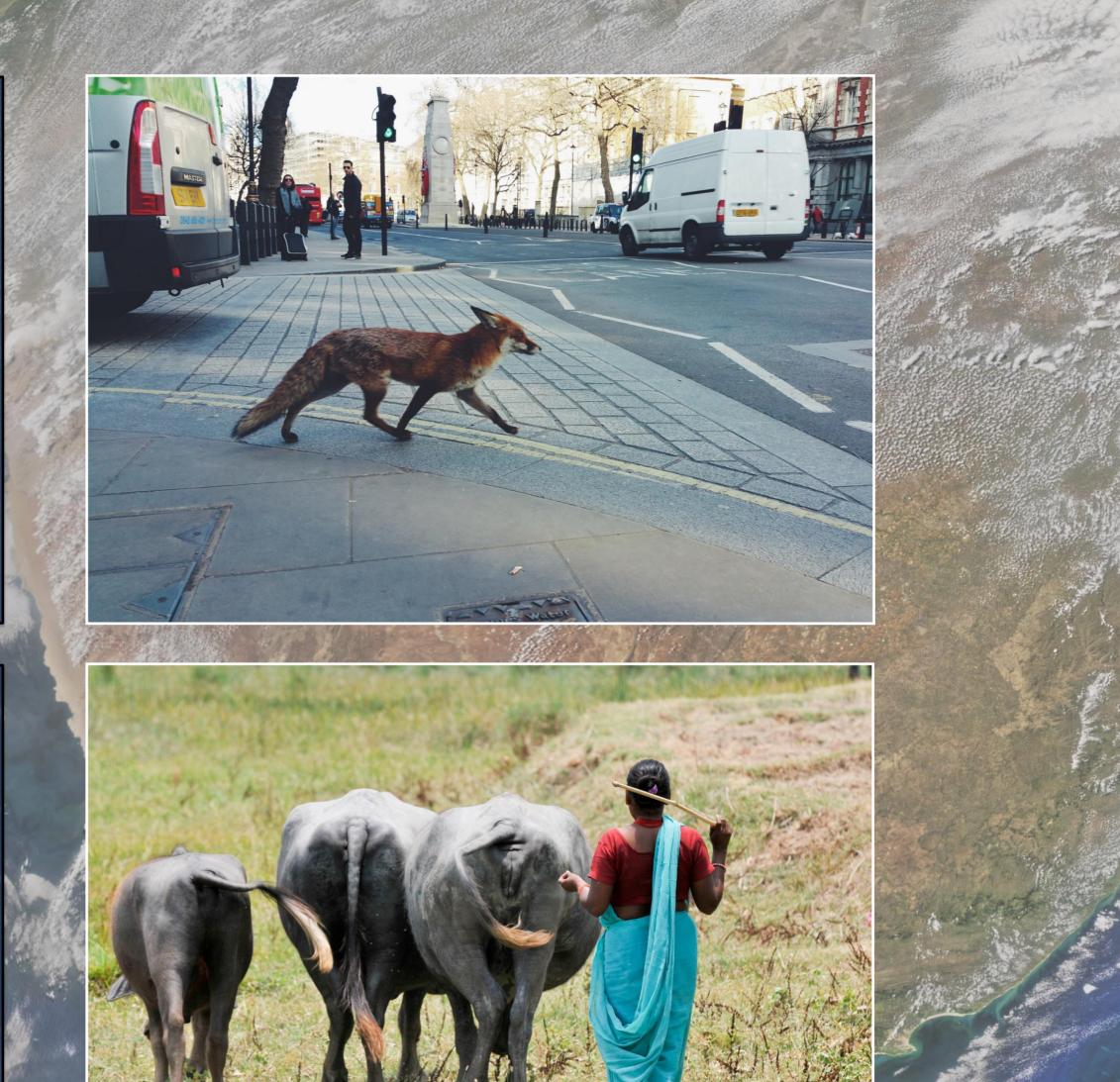


## Research Axis # 1 Urban Ecology and One Health

Health promotion and prevention of health risks at the human-animal-ecosystem interface in WHO-Healthy Cities (i.e., human-animal bond, city greening and biodiversity conservation, urban wildlife, emerging zoonoses, etc..)

### Research Axis # 2 Snake Bites, Livestock & Livelihood

Impact of snake bites on livestock and subsequent livelihood of pastoralist communities in South Asia:



#### An eco-epidemiological approach

## Research Axis # 3 Antimicrobial Resistance and One Health

Measuring the national implementation gap at a global scale



### Local and Global Innovative Education

Strong commitment to the production and dissemination of MOOCs in Global Health:



- MOOC Global Health (2013, re-edited in 2016)  $\bullet$
- MOOC Ebola (2015) •
- **MOOC One Health (December 2016)**  $\bullet$

Innovative approach: Interdisciplinary, multi-experts & international

Pictures: Flickr/NASA Goddard Space Flight Center, Yves Ryncki FCBG, Flickr/CIAT, Flickr/U.S. Department of Agriculture, MOOC-Ebola: Vaincre ensemble

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