

Global Health at the Human-Animal- Ecosystem Interface: Biodiversity & health

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Source: Yves Ryncki / FCBG

FACULTY OF MEDICINE
Institute of Global Health


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RECHERCHE ET INNOVATION

Un centre interdisciplinaire dédié aux Neurosciences et à la santé digitale et globale

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**Digital innovation in
education & research
around biodiversity & health**

MOOC



Global Health: Interdisciplinary Overview

- 2013, 2015, 2016
- English
- > 6,000 enrolments



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coursera

Ebola: vaincre ensemble!

- 2014-2015
- French, English
- Close to 4,000 enrolments



Image © Bernard Genier / RTS



Source:

[FUN - MOOC Ebola: vaincre ensemble FUN](#)

[Coursera - MOOC Ebola: vaincre ensemble on Coursera](#)

*In the footsteps of Zika:
Approaching the unknown*

- July 2016
- English, French, Portuguese, Spanish
- > 1,000 enrolments

IN THE FOOTSTEPS OF ZIKA

APPROACHING THE UNKNOWN



Global Health at the Human-Animal-Ecosystem Interface

- 20th March 2017
- Close to 1,000 enrolments
- English, French, Chinese
- 3rd November 2017: Update with a focus on Biodiversity and Health (protected areas, reversed spillover, ecosystem services, microbiome etc.)

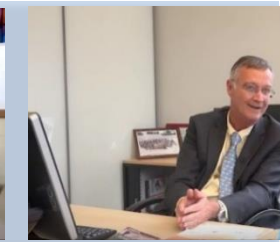


at the Human, Animal, Ecosystem Interface



Interdisciplinary, multi-expert & international approach

> 30 experts + 20 institutions





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a Meetup Group

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English



Meetups are

neighbors getting together to learn something,
do something, share something...

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Welcome
ようこそ

Photo: The Japan Cultural App Meetup

MOOC



within any distance of Geneva, CH

Meetup

Source:

[Meetup - MOOCs Meetups](#)

[Meetup - Meetup logo](#)



Win a grant to come to Geneva and join the first «**Global Flipped Classroom and Hackathon in Global Health at the Human-Animal-Ecosystem Interface**» !

- Top students from cohort 1
- 10-14th July 2017
- Advanced courses, meeting experts and workshop on your innovative project ideas

NATURE | CORRESPONDENCE



Sustainable Development Goals: SDG indicators need crowdsourcing

[Yves Flückiger](#) & [Nikhil Seth](#)

[Affiliations](#) | [Corresponding author](#)

Nature 531, 448 (24 March 2016) | doi:10.1038/531448c

Published online 23 March 2016

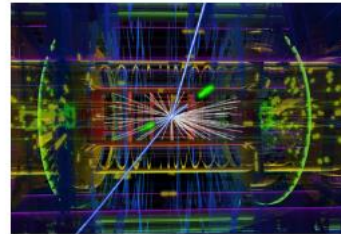
Citizen science & crowdsourcing in the SDG era:

Let's bring society on board!

Rethinking Public Participation

At Citizen Cyberlab, we develop and study new forms of public participation in research. We initiate projects and organise events that encourage citizens and scientists to collaborate in new ways to solve big challenges.

Featured Projects



CERN Computing Challenge
Testing new technologies for volunteer distributed computing.



GeoTag-X
Exploring learning and creativity in humanitarian crowdsourcing.



Rethinking Public Participation
Studying how citizen science projects produce scientific knowledge.

Upcoming Events



The Open Seventeen
Challenging people to use crowdsourcing and open data for sustainable development.



Open Geneva Hackathons
Bringing together Geneva's communities around digital and social themes.



SDG Summer School 2017
How to use open solutions to tackle the SDGs

European Commission:  [EC Citizen Cyberlab Project](#)

Spin-Off:  [SciFabric](#)



Biodiversity of snakes - Crowdsourced snake-observations

« Projects

[Terms & Rules](#) | [Join this project](#)



Medically Important Venomous Snakes

Add observations to this project

Stats

Totals

10196

Observations »

202

Species »

2813

People »

Most Observations



skystevens

214 observations



catenatus

209 observations



swanson

206 observations



agua_dulce_snake_guy

186 observations



sandboa

171 observations

Most Species



sullivanrabbit

28 species



eligarciapadilla

19 species



herpguy

19 species



sandboa

17 species



matthieberroneau

17 species

Most Observed Species



Western Diamondback Rattlesnake

1946 observations



Western Rattlesnake

1593 observations



Copperhead

1204 observations



Cottonmouth

1176 observations



Timber Rattlesnake

391 observations

Plan Satellite

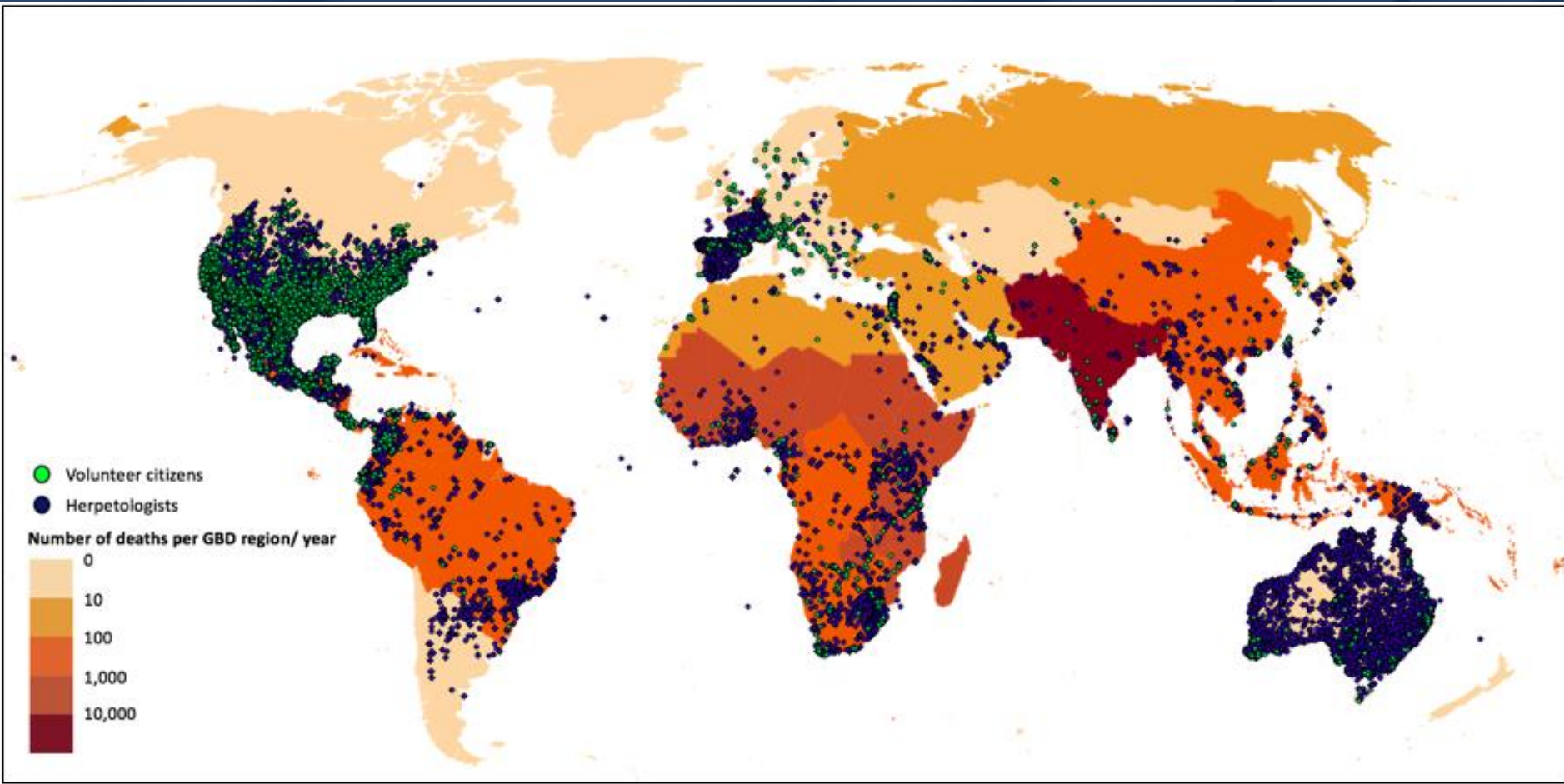


» Members

32 members



Biodiversity of snakes - Crowdsourced snake-observations



Source: Lester Genevieve et al. in prep.



Source: R Ruiz de Castaneda



Source: | Bollon



Can we build an open
global biodiversity
inventory on food markets linking
it to health ?



**We are very open to collaborations and
most pleased to join this group !**

Thank you!

Teaching & research on Biodiversity & Health:

- Risks & health promotion: EIDs, NTDs, Food safety & security, Urban health etc.
- Master and PhD in Global Health
- Tropical Medicine

