Biodiversity & Global Health in the Digital Age: From MOOCs to Citizen Science & Crowdsourcing

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23-25 Oct., Helsinki, Finland WHO-CBD Regional Workshop on Biodiversity and Health

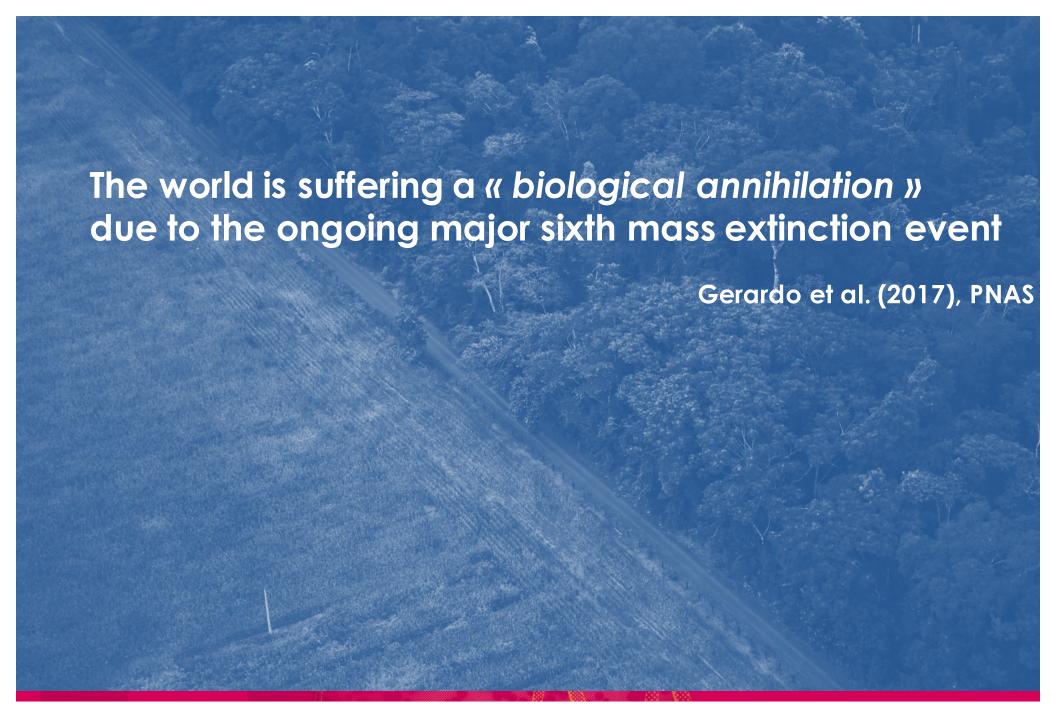


FACULTY OF MEDICINE Institute of Global Health

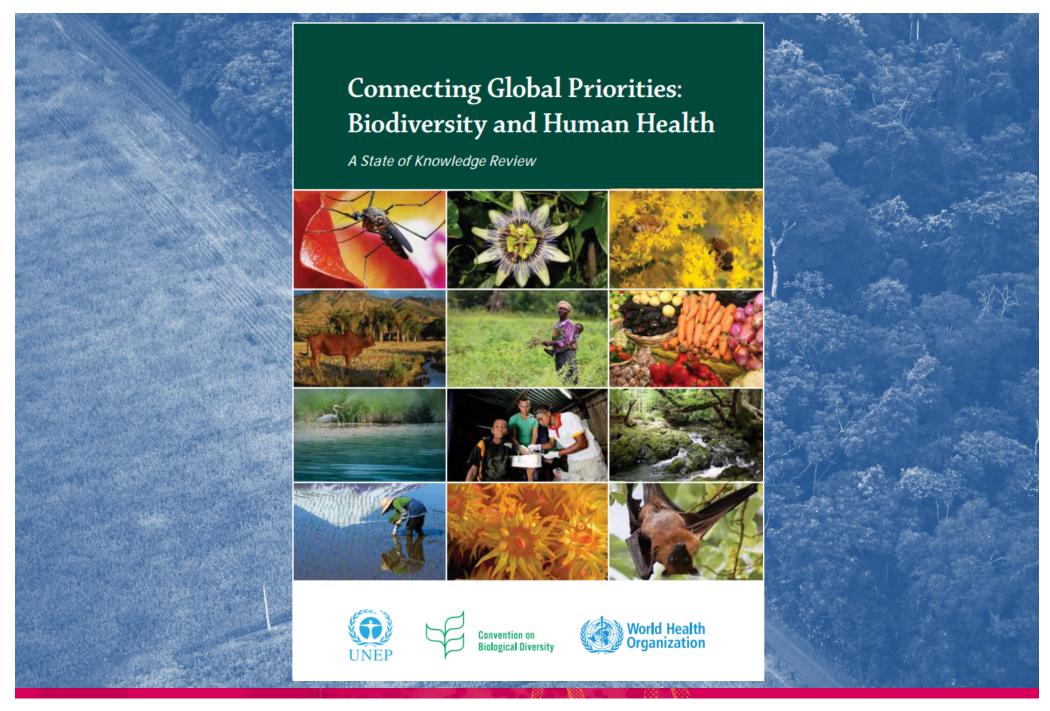












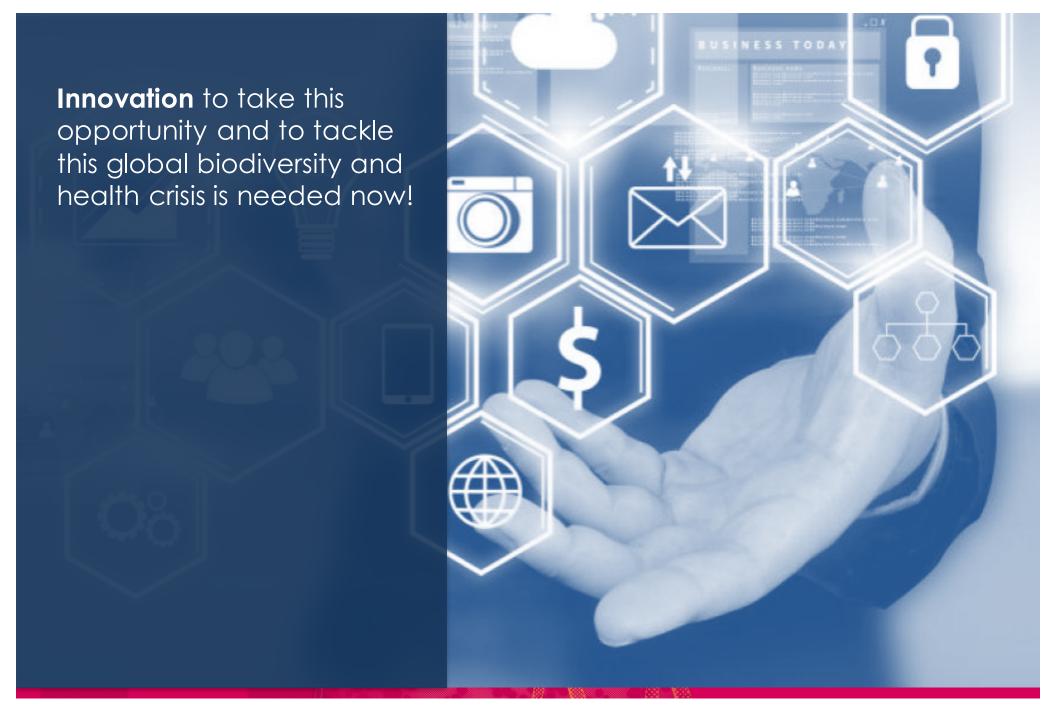
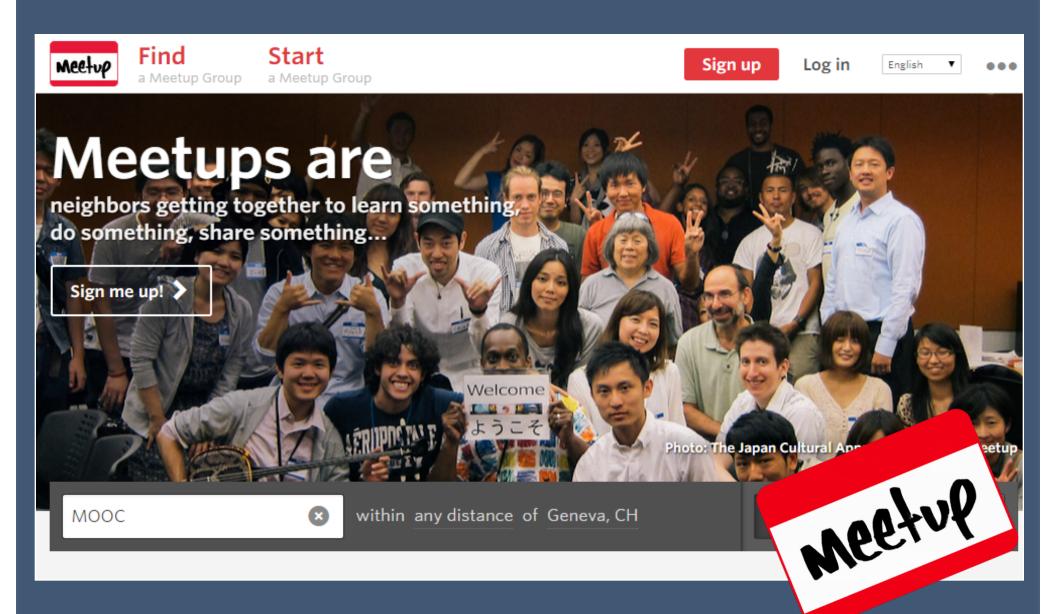


Image: UNIGE

Massive Open Online Course



Source:

Meetup - MOOCs Meetups Meetup - Meetup logo









Jamshedpur MOOCs Meetup We're 10 Shishya... Coursera meetup Northern Seoul We're 36 Courserians



Fortaleza MOOC Meetup
We're 54 MOOCer





Source:

Meetup - MOOCs Meetups Meetup - Meetup logo

"Global Flipped Classroom & Hackathon on One Health" July 2017, Geneva











Source: R Ruiz de Castaneda

coursera

















Berklee



University of Colorado System



Université Stanford



149 partners

29 countries



École polytechnique fédérale de Lausanne



Université Yonsei













Source:

<u>Coursera</u> Coursera - <u>Cousera partners</u>



Global Health: Interdisciplinary Overview

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





coursera

Ebola: vaincre ensemble!

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











Source:

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





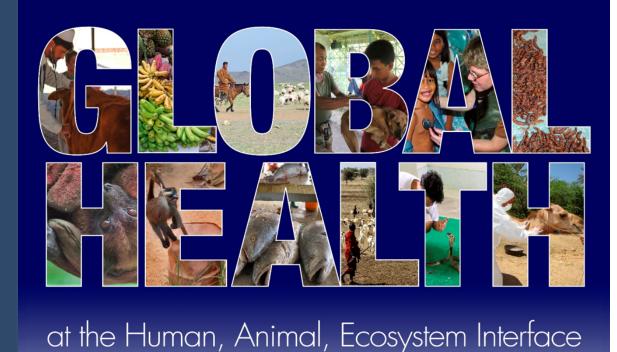






Global Health at the Human-Animal-Ecosystem Interface

- 20th March 2017
- Close to 2,000 enrolments
- English, French, Chinese





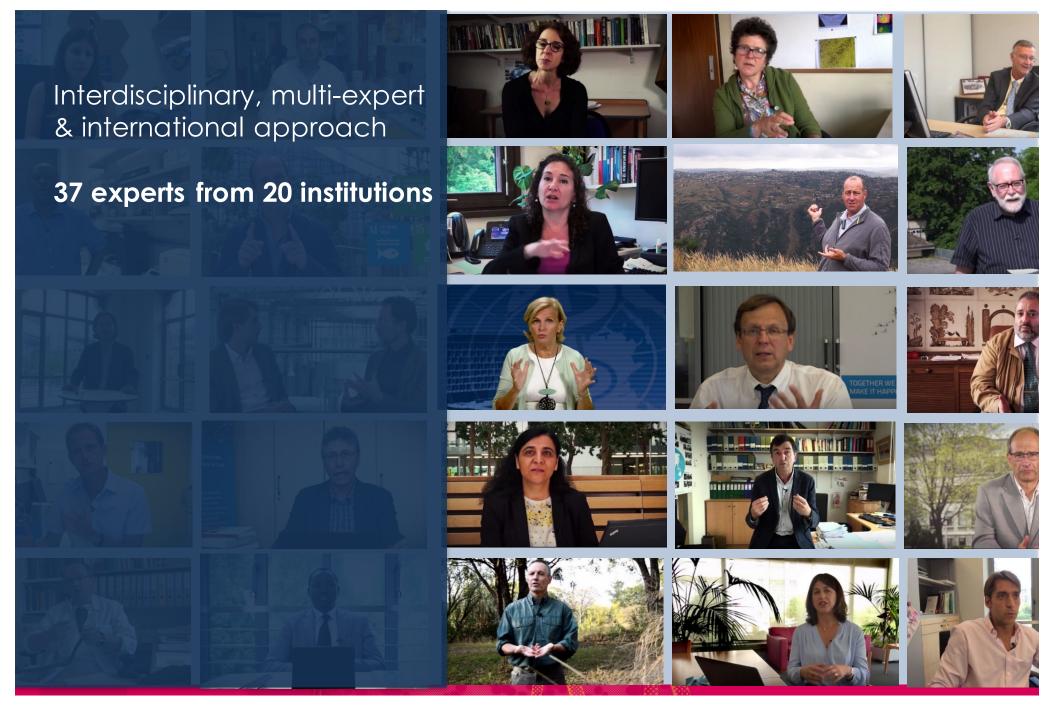












Source: MOOC – Global Health at the Human-Animal-Ecosystem Interface

MOOC – Global Health at the Human-Animal-Ecosystem Interface How to link Global Health Priorities with Biodiversity?



Source: MOOC – Global Health at the Human-Animal-Ecosystem Interface

Coming in Spring 2018!

New module on "Biodiversity & Human Health" for policy makers

Connecting Global Priorities: Biodiversity and Human Health

A State of Knowledge Review

























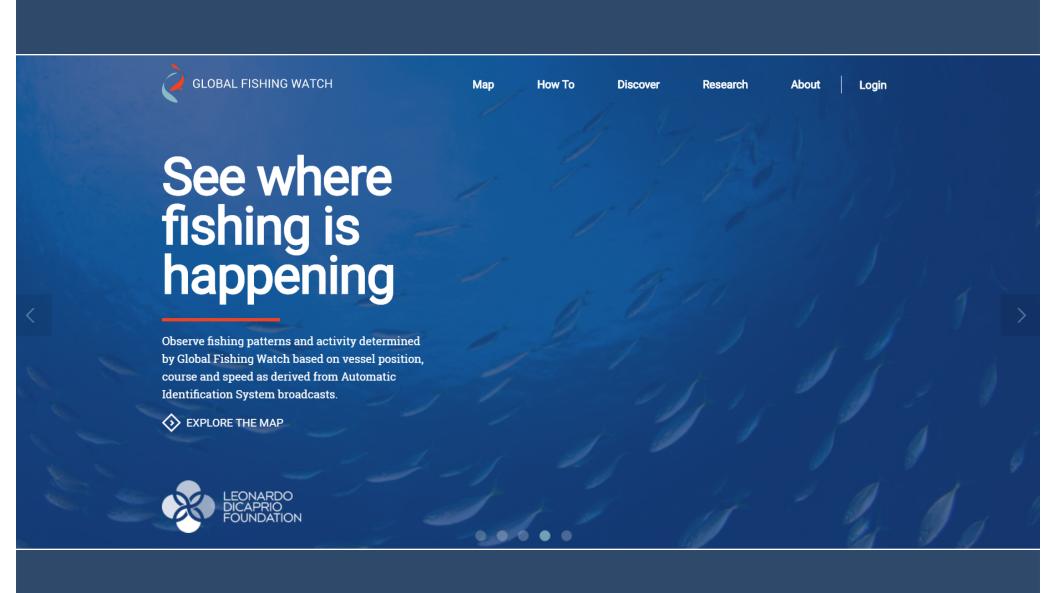
citizen science citizen cyberscience volunteer computing crowdsourcing do-it-yourself (DIY) science participatory action research community based research science 2.0 open science responsible research and innovation amateur science

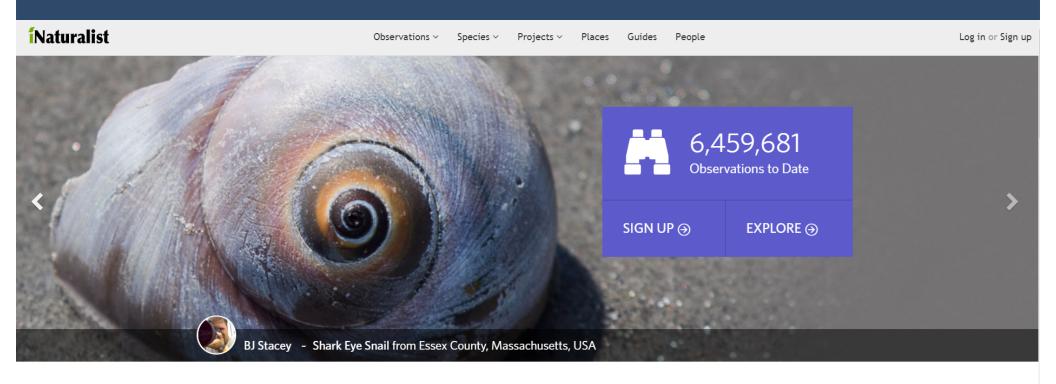


Source: Photo - CIFOR, Text - Plos



Source: Old Weather







Source: Naturalist



Medically Important Venomous Snakes

Stats

Totals

10396

Observations »

202

Species »

2882

People »

Most Observations



skystevens 214 observations



catenatus 209 observations



swanson 206 observations



agua_dulce_snake_guy 194 observations



sandboa 171 observations

Most Speci





eligarciapadilla 19 species



herpguy 19 species



sandboa 17 species



matthieuberroneau 17 species



Volunteer herpetologists

shared their observations to

build the first crowdsourced

map of venomous snakes

1707 observations





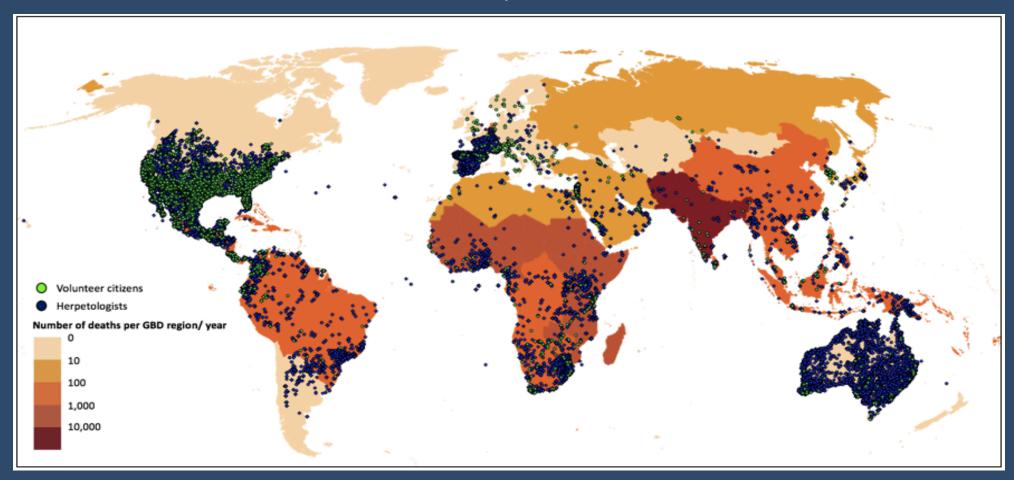


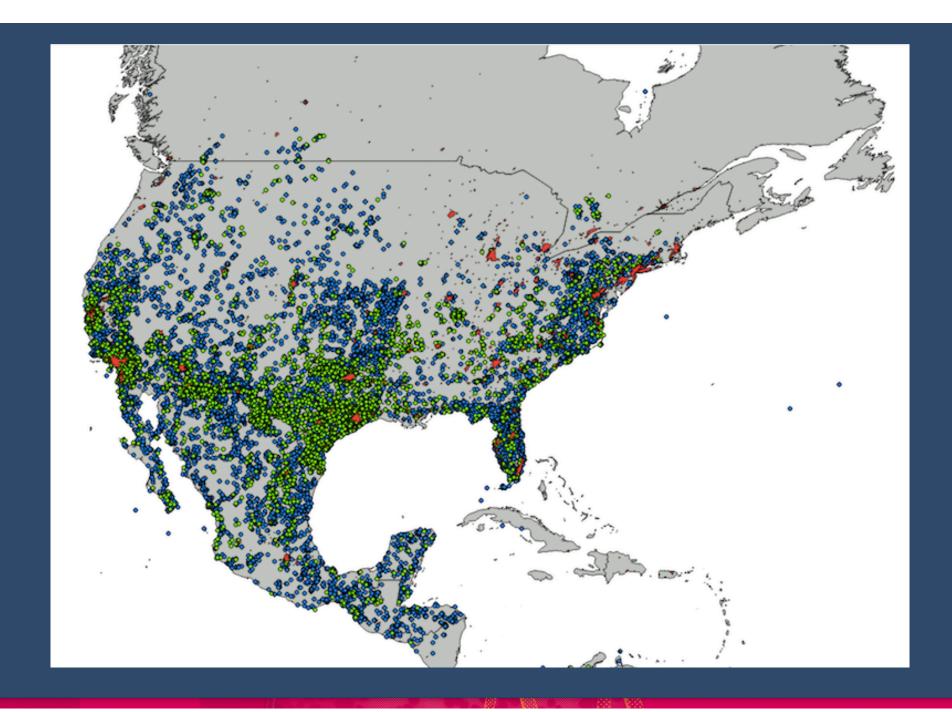




Source: Naturalist

First crowdsourced map of venoumous snakes





Source: Genevieve et al. submitted *Plos NTDs*

