Making a Difference

{ Actions for ambitious academics

Background to this group

❧ … Build on the work from Scale2Save group -> how to develop global Agent-Based models on Socio-Ecological Systems

Proposals/Actions 1
-> Generate SES science/ collaborations

- Found the Centre for Social Environmental Technical Studies (CSETS)

Or

- Centre for the Study of Risk of Social Economical Collapse (CSRSEC)

And

- Use networks (e.g. Future Earth) to spread the word

Proposals/Actions 2
-> Gather science

- Write a paper (Nature/Science) justifying the need to develop an authoritative panel (IPCC style) on SESs
- Work towards/gather momentum to setup the
  - International Panel for Social Environmental Technical Systems (IPSETS)

  Or
  - International Panel for Risk of Social Collapse (IPRSC)

Proposals/Actions 3
-> Promote generation of science and collaborations

- Use momentum and 'hype' created by the institution of the IPSETS
- Call for development of global models
  - And develop methods for building and comparing them (BE and MB)

Proposals/Actions 4 ->Engage with public

- Development of games (e.g. funding: kickstarter (crowd funded), distribution: STEAM; Extinction)
- Youtube channel
- Ted talks
- Design board game (e.g. Death -> zombie evolution)
- Podcast
- Game development workshop

Proposals/Actions 5 -> Education

- Setup courses to:
  - Involve other disciplines key for the development of global models (e.g. engineers)
  - Massive Open Online Courses (MOOCs)
  - Modular Model Systems -> Scratch models that you can reuse and extend

Proposals/Actions 6 -> Generate funding

- Pitch plans to:
    - Rich people (Rockefeller Foundation; Grantham Foundation; MacArthur Foundation)
    - Research Councils
    - European funding (e.g. H2020)
    - Universities (alumni)

What we can ALREADY do:

- Youtube channel
  - Upload lectures
  - Webinars
  - (Short videos on SESs)
- Blog (use existing ones)

HOW TO SAVE THE WORLD?

WE'RE ON IT.