BETTER Life

[Socially Engaged Research]
Challenges, Limitations and Possible Approaches

Session 2- Expert Lecture (Plenary)

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BETTER Life

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BETTER Life

Challenges and Limitations

Challenges

- Role of Citizens in Science and Science Creation

i. Correctly assessing their needs
ii. Relationship: Citizens vs Science (?)
iii. Feedback mechanisms
iv. Feedback to Feedback
v. Solving local rather than global problems (?)
vi. Involving citizens in research

Source: https://projects.au.dk/fileadmin/user_upload/CitSci/Science_as_cocreation_Ahlefeldt3.png

Approaches and Solutions

- Role of Citizens in Science and Science Creation

i. Assessing their needs correctly
ii. Engaging citizens in science creation

Guidelines for better science communication with and for citizens

Approaches and Solutions

- Role of Citizens in Science and Science Creation

i. Assessing their needs correctly
ii. Engaging citizens in science creation

iii. Co-Designing open spaces
iv. Generating interest in science

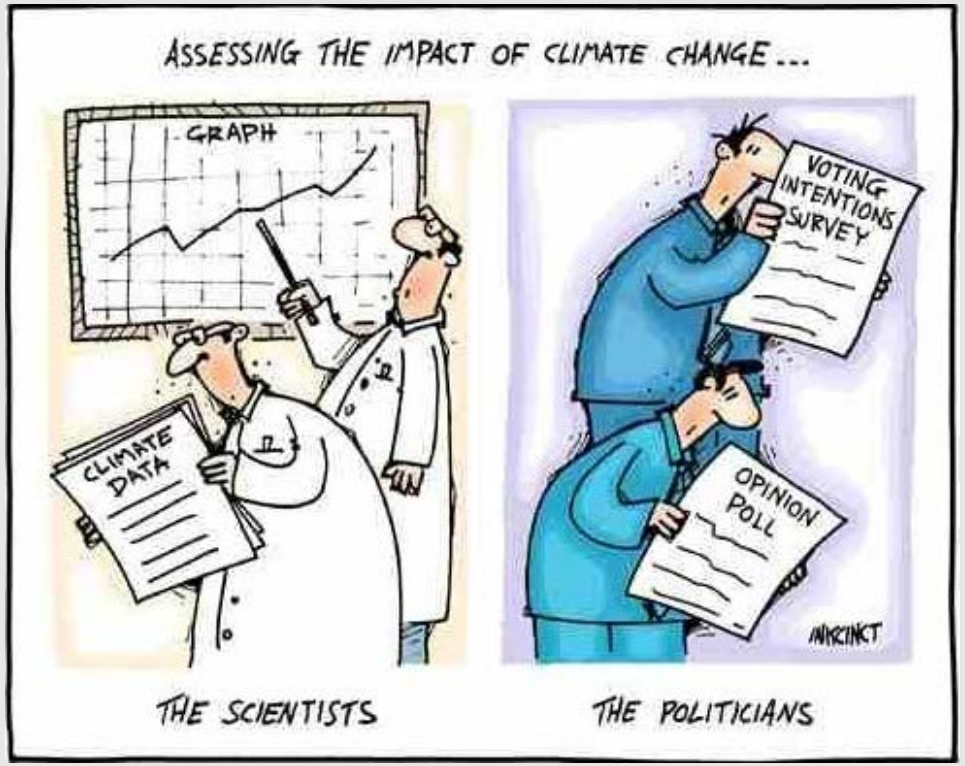
Guidelines for better science communication with and for citizens

Design Thinking for co-designing open spaces

Challenges

- Communciation between various Stakeholders

i. Finding a “common language”
ii. Different priorities, often conflicting
iii. Different “acting” timescales
iv. Lack of face-to-face interactions between actors
v. Lack of leadership / unifying agency



Source: https://tallbloke.files.wordpress.com/2013/05/science-v-politics-cartoon.jpg

Approaches and Solutions

- <u>Communciation between various Stakeholders</u>

i. Digital platform to foster collaboration between local governments and academia

ii. Connecting municipalities with researchers and students to address local challenges

iii. Means of finding academic expertise for local challenges

Academic Bridge

Approaches and Solutions

- <u>Communciation between various Stakeholders</u>

i. Digital platform to foster collaboration between local governments and academia

ii. Connecting municipalities with researchers and students to address local challenges

iii. Means of finding academic expertise for local challenges

iv. Bringing actors of various backgrounds to the table

v. Enhancing communication through “roleplaying”

vi. Showcasing need for collaboration

Academic Bridge

Educative Boardgame

Approaches and Solutions

- Communciation between various Stakeholders

i. Digital platform to foster collaboration between local governments and academia
ii. Connecting municipalities with researchers and students to address local challenges
iii. Means of finding academic expertise for local challenges
iv. Bringing actors of various backgrounds to the table
v. Enhancing communication through “roleplaying”
vi. Showcasing need for collaboration
vii. Implementation of shared workshops and thinktanks and providing a platform for exchange

Human Ecosystem Integration Lab

Challenges

- Lack of concepts and strategic vision towards SER

i. Relatively neglected field
ii. Difference between what science does and what citizens want
iii. Few established methods and tools to foster SER
iv. Institutes often not prepared for SER
v. Lack of collaboration in academia on SER
vi. No “universal” framework or guidelines as of yet

Source: https://xplane.com/wp-content/uploads/2021/06/blog_header_vision_strategy.png

Approaches and Solutions

- Lack of concepts and strategic vision towards SER

i. Workshops on generating a unified vision towards (local) challenges

ii. Applying visual methodologies and storytelling to enhance understanding

Landscape Observatory

Approaches and Solutions

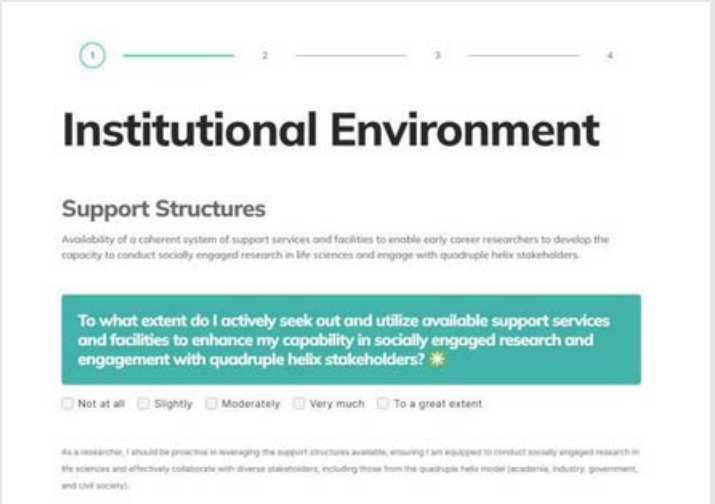
- Lack of concepts and strategic vision towards SER

i. Workshops on generating a unified vision towards (local) challenges

ii. Applying visual methodologies and storytelling to enhance understanding

iii. Better understanding your (institution's) strengths and weaknesses

iv. Framework on prioritization and action planning in key areas for SER



Self Reflection Tool

Challenges

- Academic Capacities and Research on SER

i. Not enough research on SER
ii. No frontrunners that push the agenda
iii. Lack of sharing of experiences
iv. Difficulty of conceptualizing research on SER
v. Exchange with other experts on research
vi. Lack of networks for SER related research

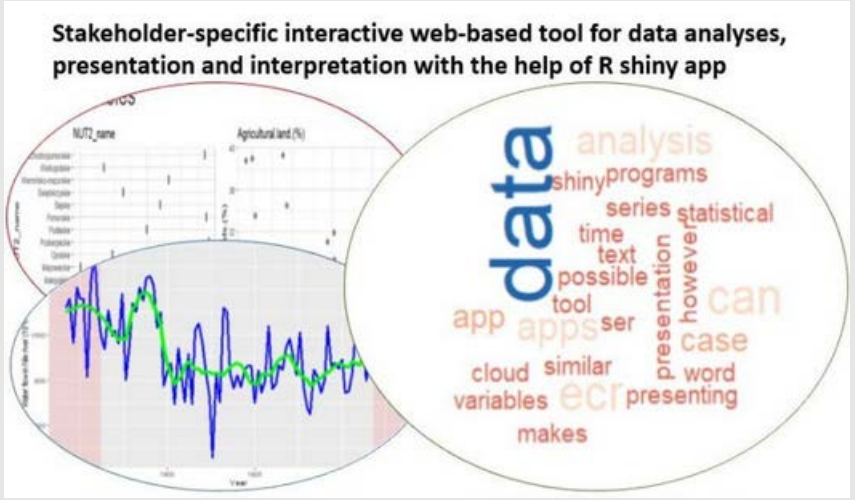
Source: https://us.images.westend61.de/0000465407pw/young-scientist-working-in-a-lab-SGF001028.jpg

Approaches and Solutions

- Academic Capacities and Research on SER

i. Interactive web-based tool for data analysis, presentation and interpretation

ii. Better data presentation to enhance research outreach and understanding



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Approaches and Solutions

- Academic Capacities and Research on SER

i. Interactive web-based tool for data analysis, presentation and interpretation

ii. Better data presentation to enhance research outreach and understanding

iii. Assist Early Career Researchers in gaining experience

iv. Creating mentor-mentee programs for professional growth, skill enhancement and communication

Mentorship Programme

Approaches and Solutions

- Academic Capacities and Research on SER

i. Interactive web-based tool for data analysis, presentation and interpretation
ii. Better data presentation to enhance research outreach and understanding
iii. Assist Early Career Researchers in gaining experience
iv. Creating mentor-mentee programs for professional growth, skill enhancement and communication
v. Assist Early Career Researchers in their research outreach
vi. Handling and using Social Media to increase impact of research

Promote Your Research

THANK YOU