

Wrap-Up

Climate Emergency Deep Dive

Josep Grau-Bove

Top 4 research successes – But...

1. We are reworking data to make it meaningful to heritage. *But what data typologies and connections are we missing?*
2. Our interpretation is truly interdisciplinary, bringing together practice and theory. *But is there expertise we are missing?*
3. Research is happening in many scales and climate types. *But which climates are we overlooking?*
4. Research and practice are managing to prevent damage while cutting emissions. *But do we know enough about damage and lifetimes?*

Digital Society and Climate Change

- The AI and coding revolution is lowering the cost of analysis of the vast amounts of data collected
- Institutions adapt by promoting training on computer skills
- Results from models are widely available, enabling better assessments than before

Sustainable Development and Climate Change

- We have learned about the practical, real world implementations of sustainable solutions
 - Reducing carbon footprints
 - Dehumidifying display cases rather than whole spaces
 - Comparing the climate impact of different assets
- What quality of data do we need to make good decisions? What is good enough?
- Learning from our past

Improved wellbeing and Climate Change

- There are substantial gaps in the collection of qualitative data on the impacts of climate change, including how it impacts communities
- We need to know more about value and perception
- Managing loss

Equality and inclusivity and Climate Change

- Data from citizens is highly valuable
- Indigenous narratives can contribute to our understanding of adaptation
- Decisions need to be informed with local knowledge and experience
- There are still barriers to dissemination of information, some great ongoing initiatives such as course development or web apps

Next Steps

- What are the key research challenges?
- Three online groups will work over the following 6 weeks to identify research challenges for each of the three pillars: risk, mitigation, adaptation
- We will be in touch with the details of these online events.

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