

## 1 o2r workshop

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### vision

- ifgi as Geoinformatics hub
- leveraging existing connections to other disciplines within faculty, university and beyond
- prototyping and driving a new way of doing research in Geoinformatics
- uniquely placed to do this (combining expertise and strengths of different labs)

## 2 vision

- ifgi 2020

## 3 Problems and challenges

- problems:
  - effort
  - disjointness from workflow
  - bad cost/benefit
- how to tackle:
  - make things easier/automatic, particularly at UI/user level
  - provide new capabilities via interaction (unique benefits)

## 4 benefits and challenges

- create new ways/capabilities via interaction/benefits
  - reduce effort working with papers
  - increase re-usability
  - increase citations
- interesting challenges:
  - how to describe links between paper elements, data, algorithms
  - exploring interaction possibilities
  - understanding user needs

## 5 **ALSO on my mind**

- what about research incorporating data on human users?
- how to make sure changes are meaningful?
- how deep does one need to go to realise full transparency and reproducibility?
- how do we visualise spatial information/insights and what do we want to do with it?