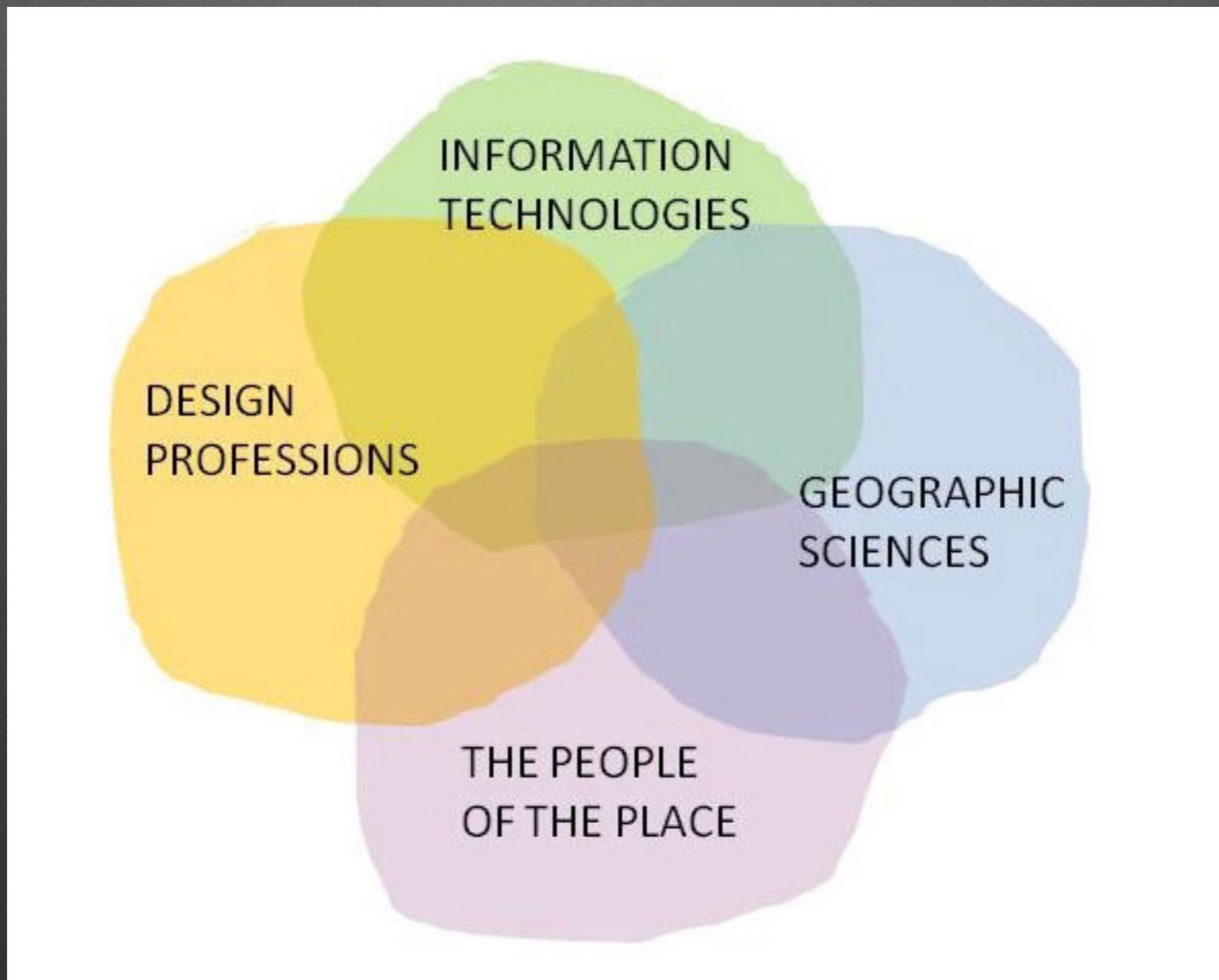


GeoDesign



What is Geodesign

- GeoDesign is combining data, knowledge, and geography to design projects
- It solves problems by getting combining data to make informed decisions and from that projects are better able to answer questions, have sustainable designs, and reduced costs for construction
- Can be described as 6 questions

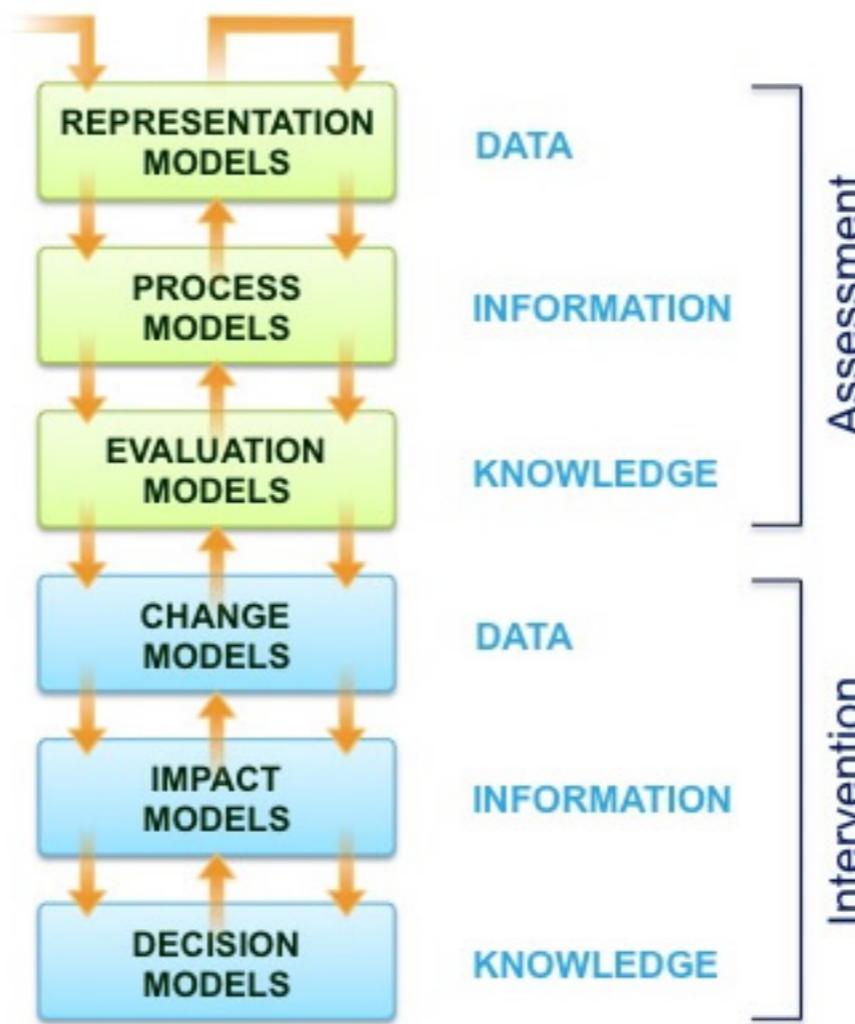
The 6 Geodesign Questions

- How should the geo-scape be described?
- How does the geo-scape operate?
- Is the geo-scape working well?
- How might the geo-scape be altered?
- What differences might the changes cause?
- Should the geo-scape be changed?

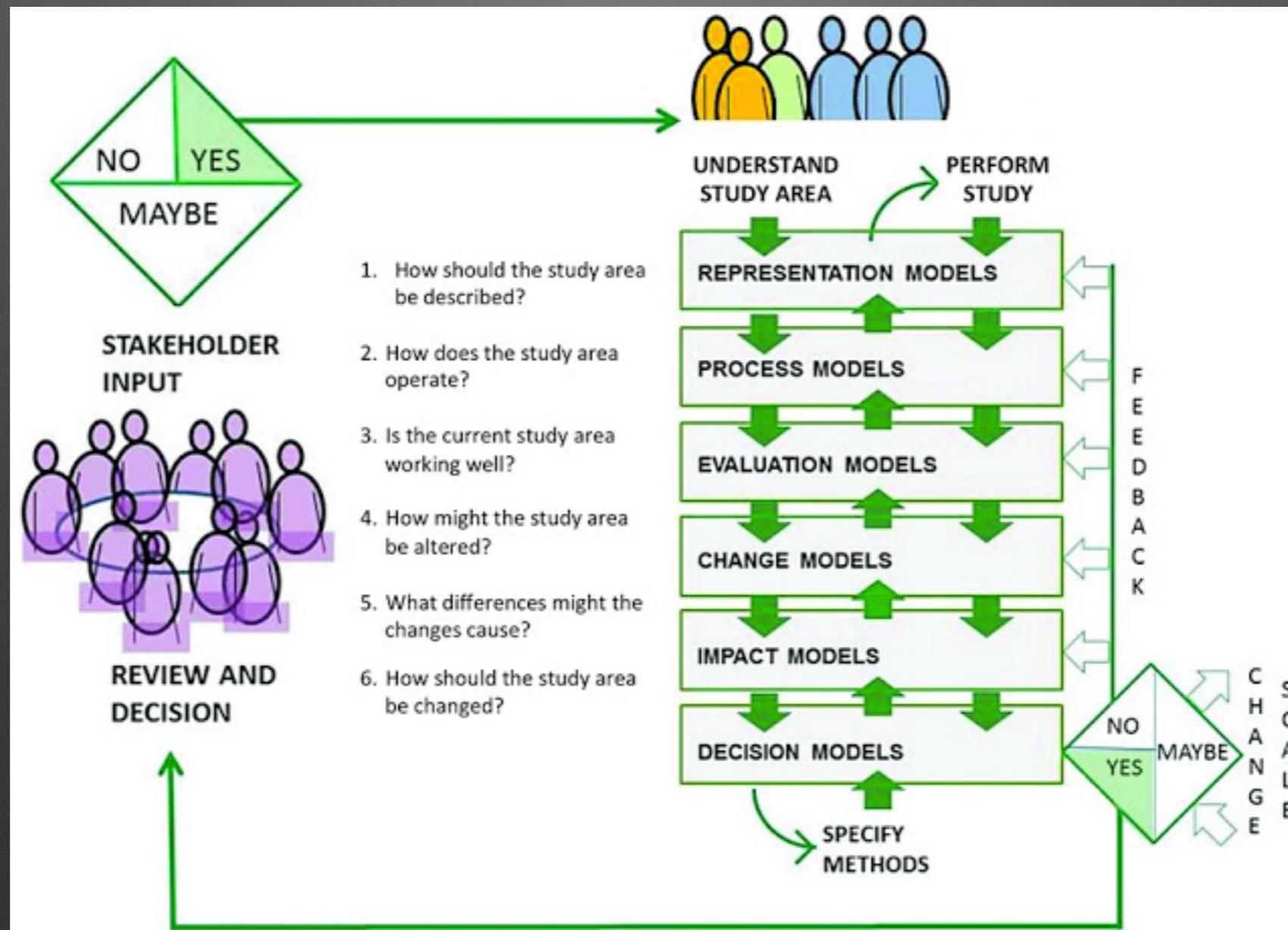
Geodesign Framework

The geodesign framework – by Carl Steinitz

- 1** How should the landscape be described?
- 2** How does the landscape operate?
- 3** Is the landscape working well?
- 4** How might the landscape be altered?
- 5** What differences might the changes cause?
- 6** Should the landscape be changed?



Using Geodesign with Stakeholders



Geodesign and its Growth

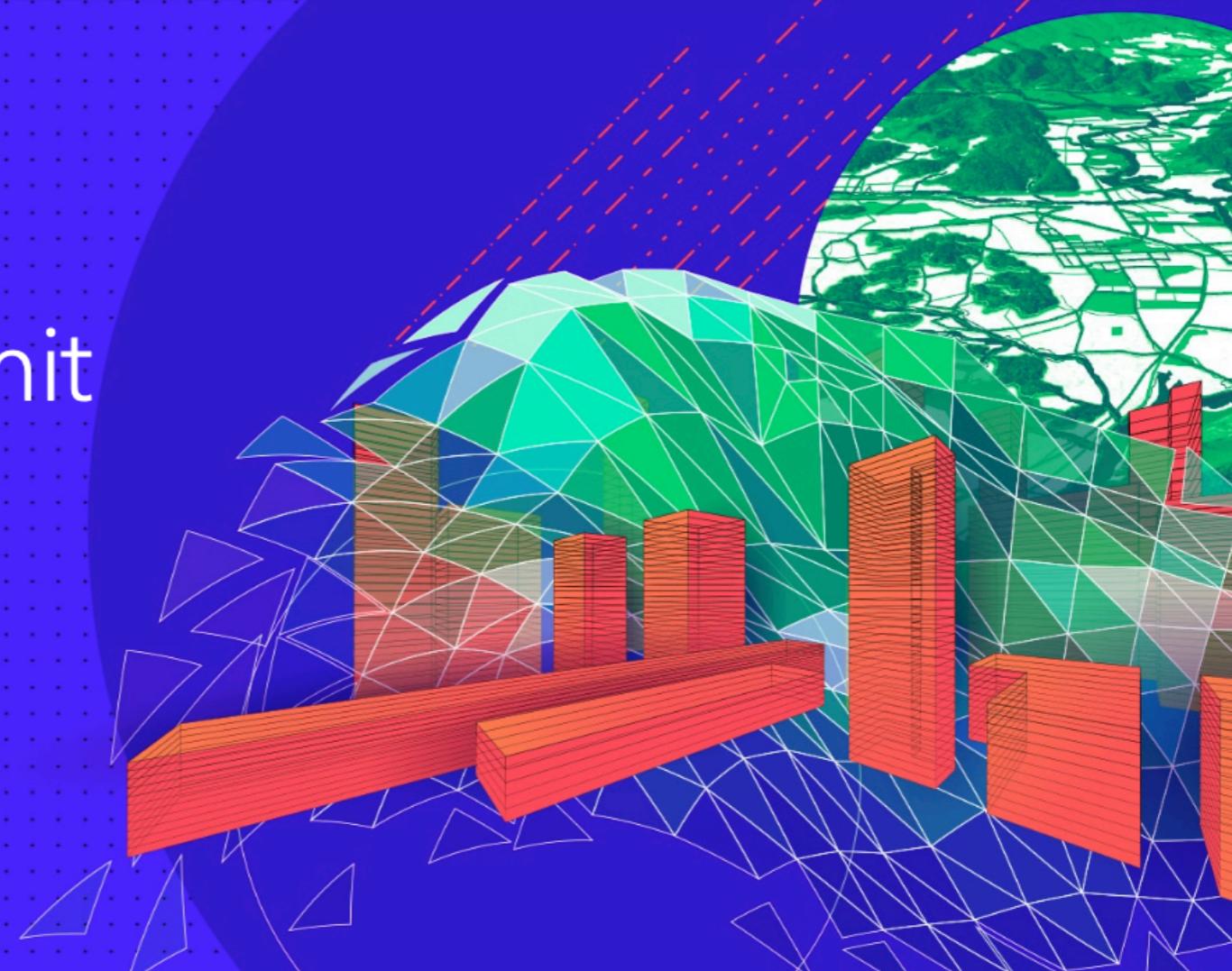
- Recently there has been a move to have Geodesign everywhere.
- The 2009 ESRI User Conference's theme was Designing Our Future
- There is even a specialty conference called the Geodesign Summit that has been going on since 2009

[Products](#)[Solutions](#)[Support & Services](#)[News](#)[About](#)[Sign In](#)[2020 Geodesign Summit](#)[Overview](#)[Agenda ▾](#)[Experience ▾](#)[Get Involved ▾](#)[Plan Your Trip ▾](#)[Registration](#)

Geodesign Summit

February 24-27, 2020

Esri | Redlands, California



Geodesign Summit

Geodesign Projects: Making a Difference Around the World

Stories about how using geography helps to create designs that more closely follow natural systems.

An Esri story map by Matt Artz [Facebook](#) [Twitter](#) [Email](#)



Los Angeles,
California, USA

Turning Red Fields into Green Fields in Los Angeles: It's All Connected. [Read More](#)



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esri



Los Angeles, California, USA



Oregon, USA



Langley, British Columbia,
Canada



Calgary, Alberta, Canada



Yellowstone National Park,
Wyoming, USA



Saguaro National Park,
Arizona, USA



Toronto, Canada



Cape Cod, Mass
USA

<http://bit.ly/GeodesignIGME382>

Project

- Your Final Grade of the Class is a Final Project (40% of your final Grade)
- You can work individually or in pairs
- You can do any of the GIS skills we have done in class or have yet to do to solve a problem or explain the world
- You will be handing in a story map for your final product

Dates

- **Proposal Abstract - Due October 14th at 11:59PM**
 - Every Group will need to meet with me to go over your proposal. You can choose to meet during in class time starting on the 15th and the 20th or Office hours (posted in My Courses). If these times do not work please reach out to me with other times you can meet and I will set up a meeting.
 - These meetings will take about 5-10 minutes depending on your project
- **250 Words Using the Following Guidelines**
- **Final Story Map Due December 8 at Midnight**
 - Make sure your story map stands on its own and does not need any presentation to understand what is going on

Proposal - Abstract

Every proposal should have an abstract. The abstract forms the reader's initial impression of the work, and therefore plays a big role on whether the application is funded. The abstract speaks for the proposal when it is separated from it, provides the reader with his or her first impression of the request, and, by acting as a summary, frequently provides the reader their last impression. Some reviewers read only the abstract, e.g., a foundation board of directors' member who votes on final funding decisions. Thus it is the most important single element in the proposal.

To present the essential meaning of the proposal, the abstract should summarize the significance (need) of the work, the hypothesis and major objectives of the project, the procedures to be followed to accomplish the objectives, and the potential impact of the work. Though it appears first, the abstract should be edited last, as a concise summary of the proposal. Length depends on sponsor's guidelines (from ½ to 2 pages).

Agencies often use the abstract verbatim to disseminate award information.

Updated in 2014 by Christine Black.

Originally produced by Don Thackrey

Discussion Posts

- I have setup a discussion board for the projects
- If you want to work with others post ideas to share and see if anyone has something you want to collaborate on
- For this week I am giving you time to work on ideas and if you want meet with me to bounce ideas

Midterm Next Week

- There is a midterm review slide block in my courses
- You can use your notes, software, and slides from class to answer any of the questions
- The review will not be available during the test
- 6 essay questions which focus on your application of the knowledge given so far in class. I recommend giving good detail on why you chose the path you do and you will do well.