



# PLACES & SPACES & MAPPING SCIENCE

Are you interested in seeing science from above? Curious to see what impact one single person or invention can have? Keen to find pockets of innovation? Desperate for better tools to manage the information flood? Or are you simply fascinated by maps?

This exhibit is meant to inspire cross-disciplinary discussion on how to best track and communicate human activity and scientific progress on a global scale. In addition to being displayed in a gallery setting, the exhibit can be purchased in digital slideshow format or customized to fit any size digital media wall.

If you're unable to see the exhibit in person, you can see all 100 maps and more at [scimaps.org](http://scimaps.org).

## International Science Festival Gothenburg, Sweden, 2015



## North Carolina State University Raleigh, NC, 2013



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## David J. Sencer CDC Museum Atlanta, GA, 2016



Photo credit: Mike Jensen

## Meet the macrosopes

Go beyond the maps and interact with content-rich data visualizations on a high resolution touch screen. Interactive data visualizations, powered by software bundles we call macrosopes, have great potential as tools for exploring, understanding, and communicating science. They empower you to touch and play with data, inspecting it from different points of view. We invite you to meet the diverse macrosopes chosen to travel with *Places & Spaces*, which range in content from Earth's weather to cultural migrations to global news coverage.

## Humanexus continues to “wow” audiences worldwide

*Humanexus: Knowledge and Communication Through the Ages* has been viewed at the World Economic Forum in Davos, Switzerland; at the annual meeting of the American Association for the Advancement of Science; and at film festivals in Germany, India, Spain, Taiwan, Sweden, Indonesia, the Bahamas, Northern Ireland and Canada, among others.

The 12-minute animated film visualizes human communication from the Stone Age to today, and beyond, making tangible the enormous changes in the quantity and quality of our collective knowledge and the impact of different media and distribution systems on knowledge exchange.

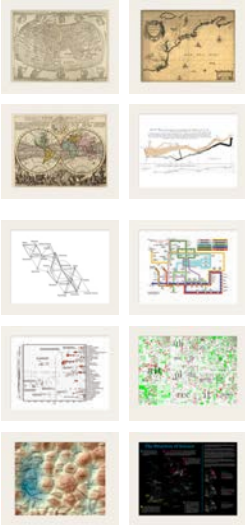
Learn more at [cns.iu.edu/humanexus](http://cns.iu.edu/humanexus).



# OVERVIEW OF MAPS

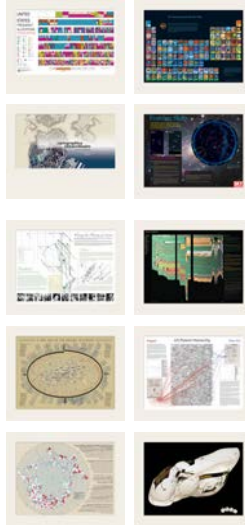
## 1st Iteration (2005)

The Power of Maps



## 2nd Iteration (2006)

The Power of Reference Systems



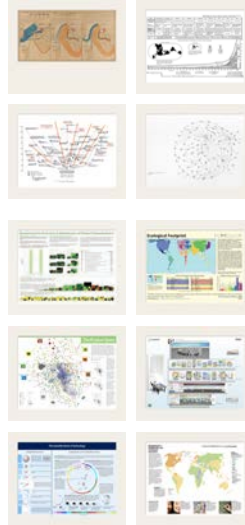
## 3rd Iteration (2007)

The Power of Forecasts



## 4th Iteration (2008)

Science Maps for Economic Decision Makers



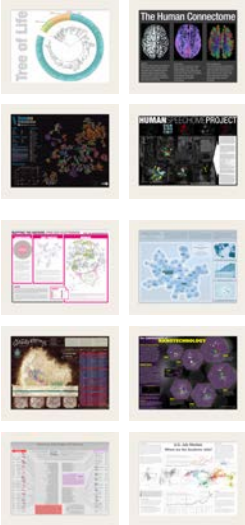
## 5th Iteration (2009)

Science Maps for Science Policy Makers



## 6th Iteration (2010)

Science Maps for Scholars



## 7th Iteration (2011)

Science Maps as Visual Interfaces to Digital Libraries



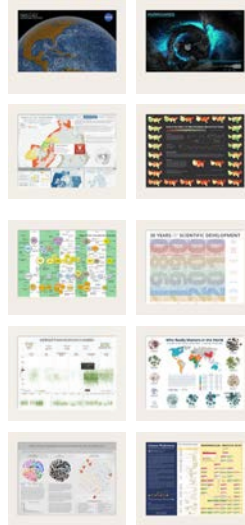
## 8th Iteration (2012)

Science Maps for Kids



## 9th Iteration (2013)

Science Maps Showing Trends and Dynamics



## 10th Iteration (2014)

The Future of Science Mapping



## BONUS MATERIALS

### WorldProcessor Globes

Journalist and media artist Ingo Günther has mapped social, scientific, political, and economic data on globes as navigational guides in a globalized world. The *Places & Spaces* exhibit features three of them. Explore other WorldProcessor globes at [worldprocessor.org](http://worldprocessor.org).

See more bonus materials at [scimaps.org](http://scimaps.org)



### Illuminated Diagram Display

The Illuminated Diagram features a geographic map and a science map controlled by a touch panel, which allows users to learn what areas of science are producing the most publications, and where in the world this research is coming from. Watch a demo video at [cns.iu.edu/interactive\\_displays.html](http://cns.iu.edu/interactive_displays.html).

