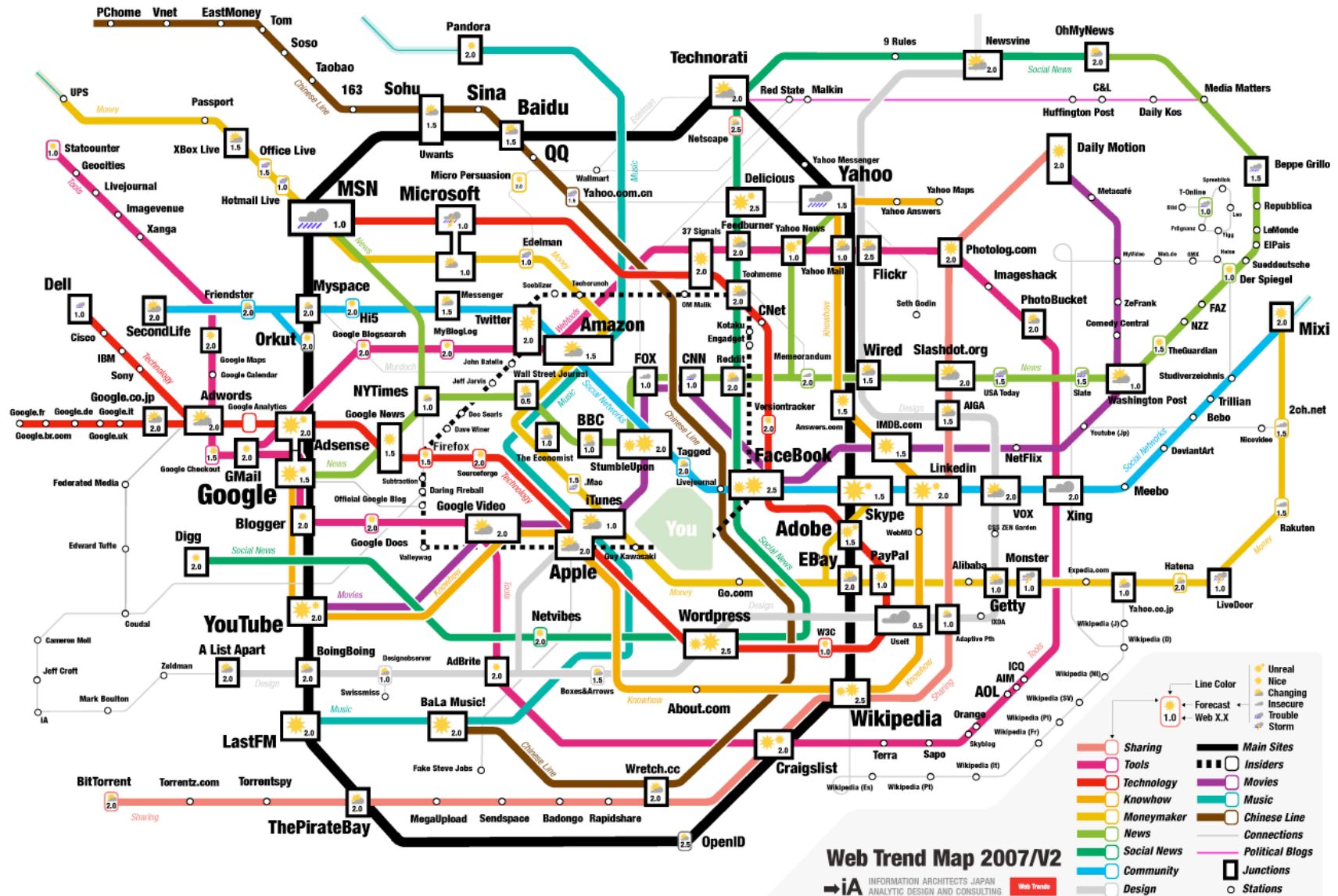# Mapping the Web and Web Science

Using Geography as a Graphical Representation of Stakeholders, Concepts and Issues
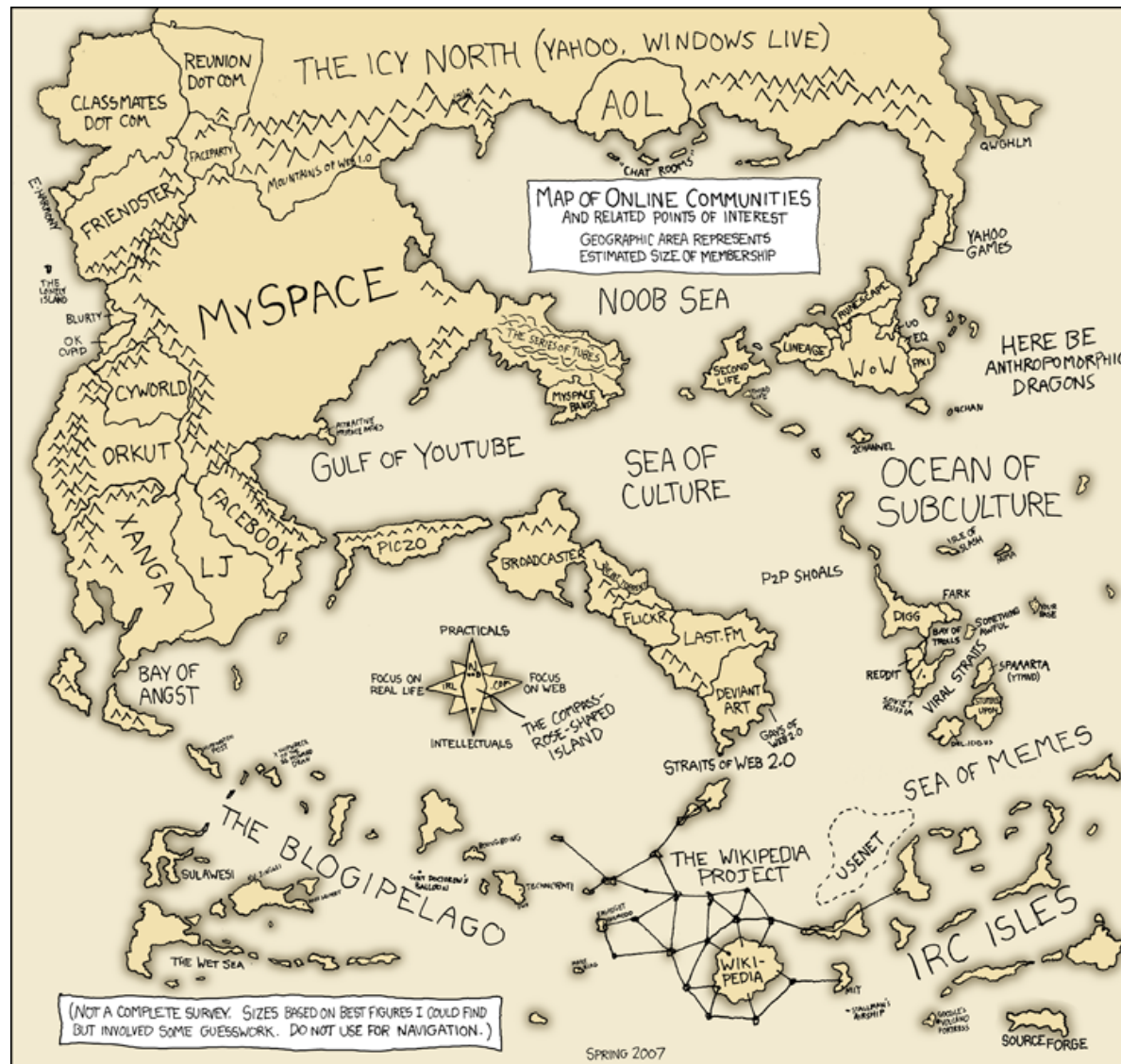
The Web as the Tokyo Underground
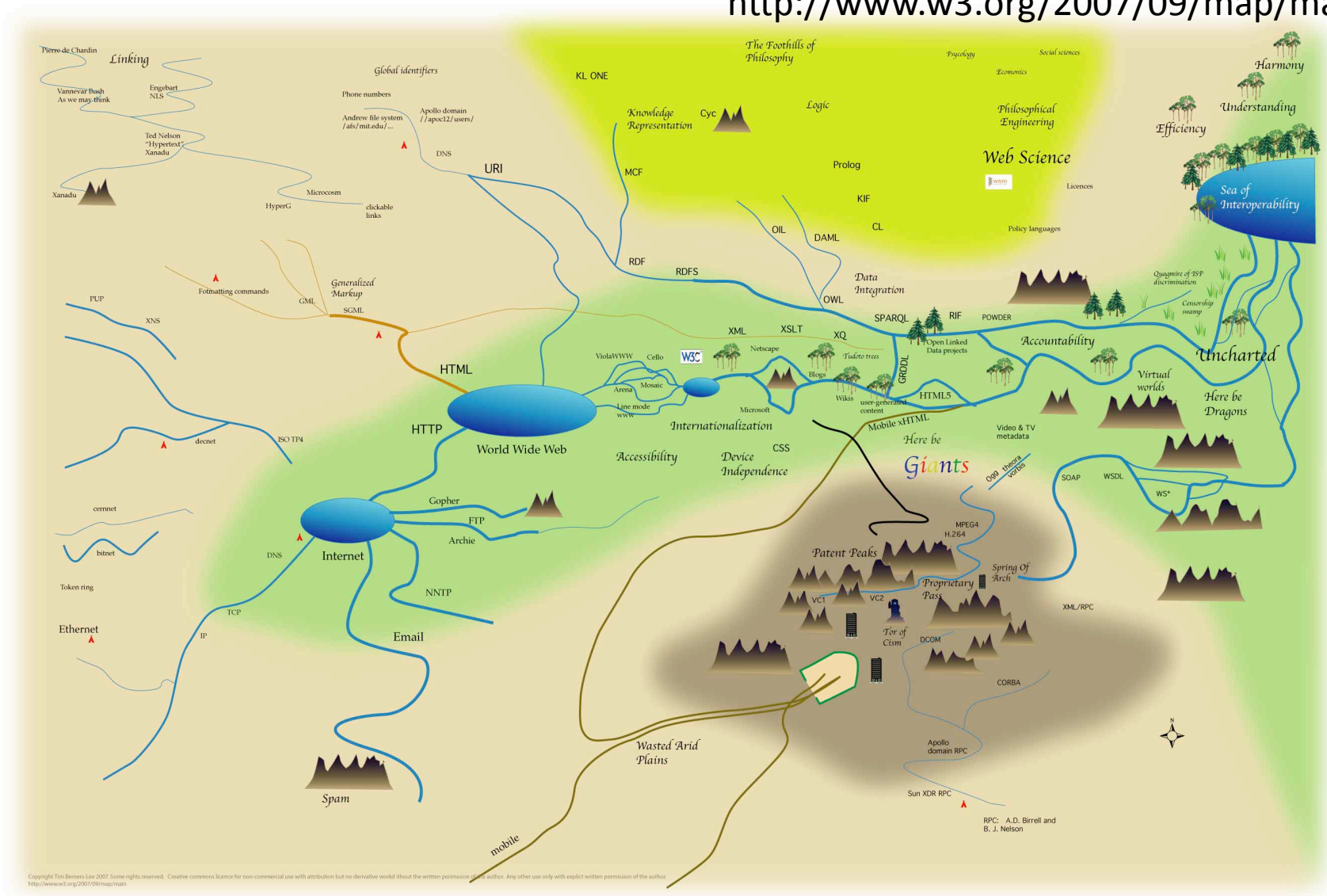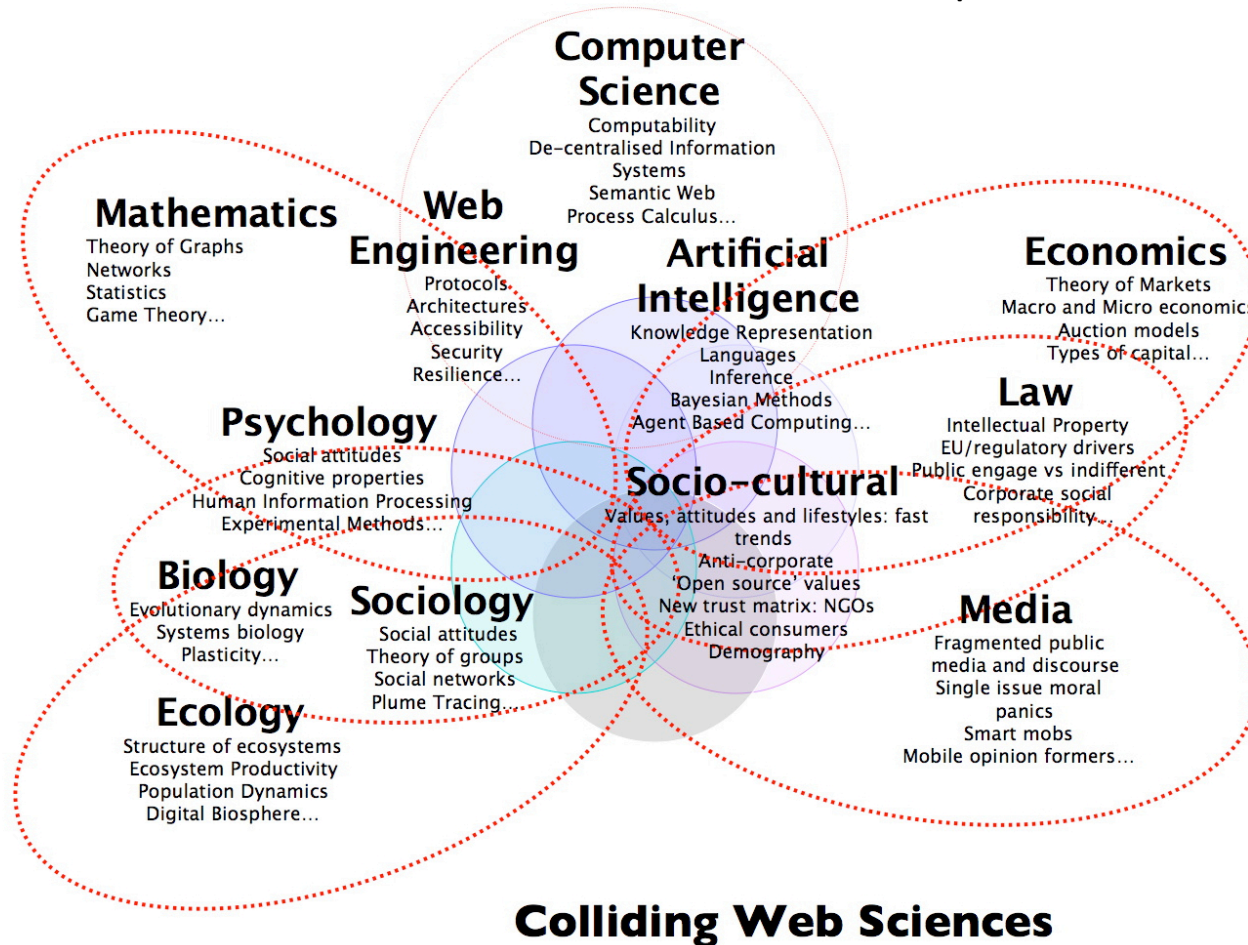
Map of Web Communities

Berners-Lee map of the Web

http://www.w3.org/2007/09/map/main

Web Science Cluster Diagram

Computer Science
Computability
De-centralised Information Systems
Semantic Web
Process Calculus...

Mathematics
Theory of Graphs
Networks
Statistics
Game Theory...

Web Engineering
Protocols
Architectures
Accessibility
Security
Resilience...

Artificial Intelligence
Knowledge Representation
Languages
Inference
Bayesian Methods
Agent Based Computing...

Economics
Theory of Markets
Macro and Micro economics
Auction models
Types of capital...

Law
Intellectual Property
EU/regulatory drivers
Public engage vs indifferent
Corporate social responsibility...

Psychology
Social attitudes
Cognitive properties
Human Information Processing
Experimental Methods...

Socio-cultural
Values, attitudes and lifestyles: fast trends
Anti-corporate
'Open source' values
New trust matrix: NGOs
Ethical consumers
Demography

Biology
Evolutionary dynamics
Systems biology
Plasticity...

Sociology
Social attitudes
Theory of groups
Social networks
Plume Tracing...

Media
Fragmented public media and discourse
Single issue moral panics
Smart mobs
Mobile opinion formers...

Ecology
Structure of ecosystems
Ecosystem Productivity
Population Dynamics
Digital Biosphere...

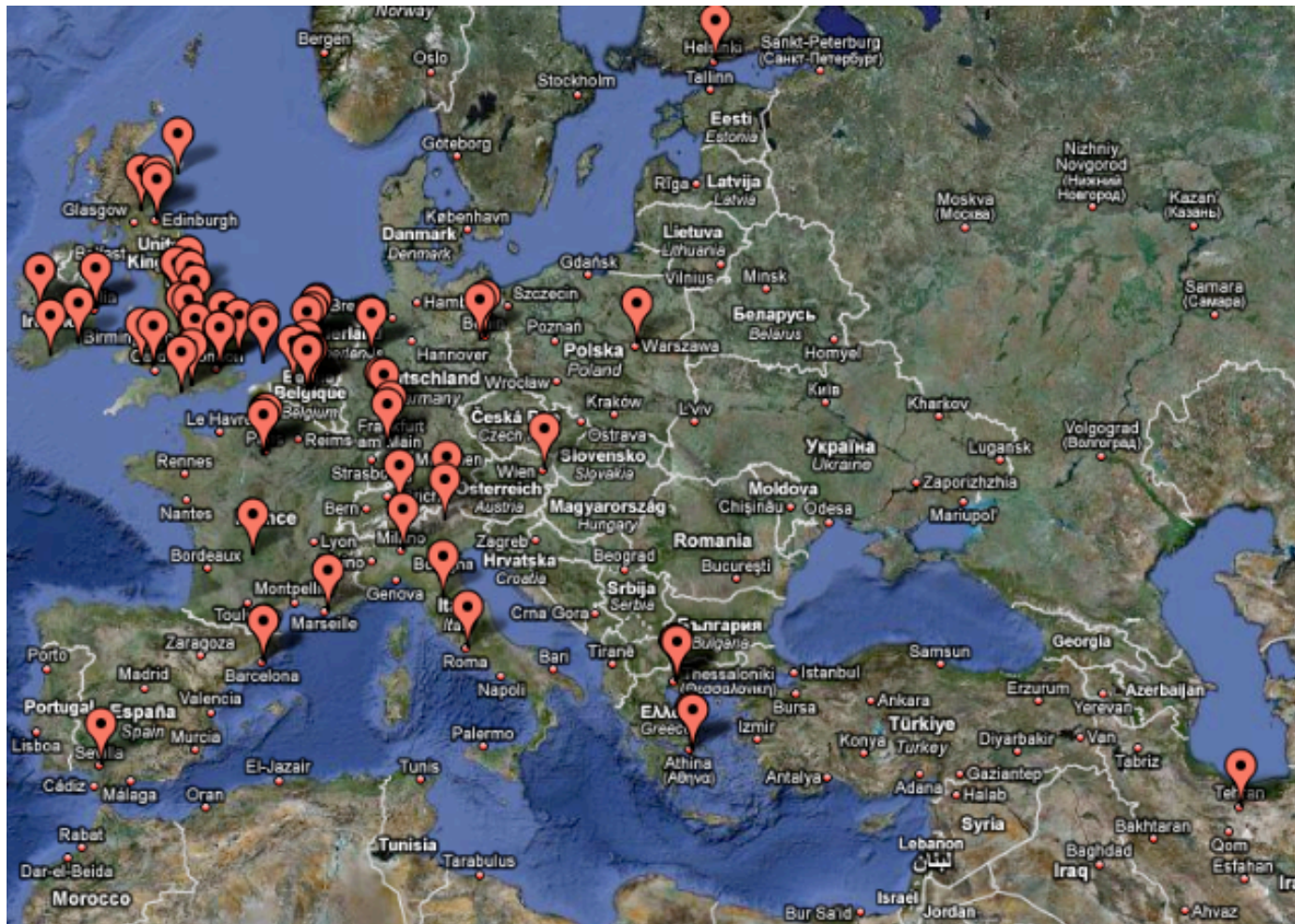**Colliding Web Sciences**

Literal Map of Web Science

Challenge: Your Map of Web Science

- Build on Tim Berners-Lee's map?

- Build on the Web Science cluster diagram?

- What perspective?
  - Issues / concepts / disciplines / researchers / stakeholders