

The British Ecological Society and the Systemic Risk Centre present ECO<sup>2</sup>

Exploring

the fundamental links

between

the sciences of

ecology and economics

@e2c202  
www.ska.ms/ecosquared

September 8-10, 2014



BMA House  
Tavistock Square  
London WC1H 9JP



## Definition of Ecology

*The study of how the distribution and abundance of organisms follows from their interactions with each other and the environment*

Oikos (ancient Greek: οἶκος, plural: οἶκοι) is the ancient Greek equivalent of a household, house, or family.... The conflicting interests with [sic] both the *oikos* and *polis* led to the structural decay of the society.

Ecosystems are composed of dynamically interacting parts including organisms, the communities they make up, and the non-living components of their environment.\*

Interactions among intelligent self-interested agents

## Definition of Economics

*The study of the processes that govern the production, distribution and consumption of goods and services in an economy.*

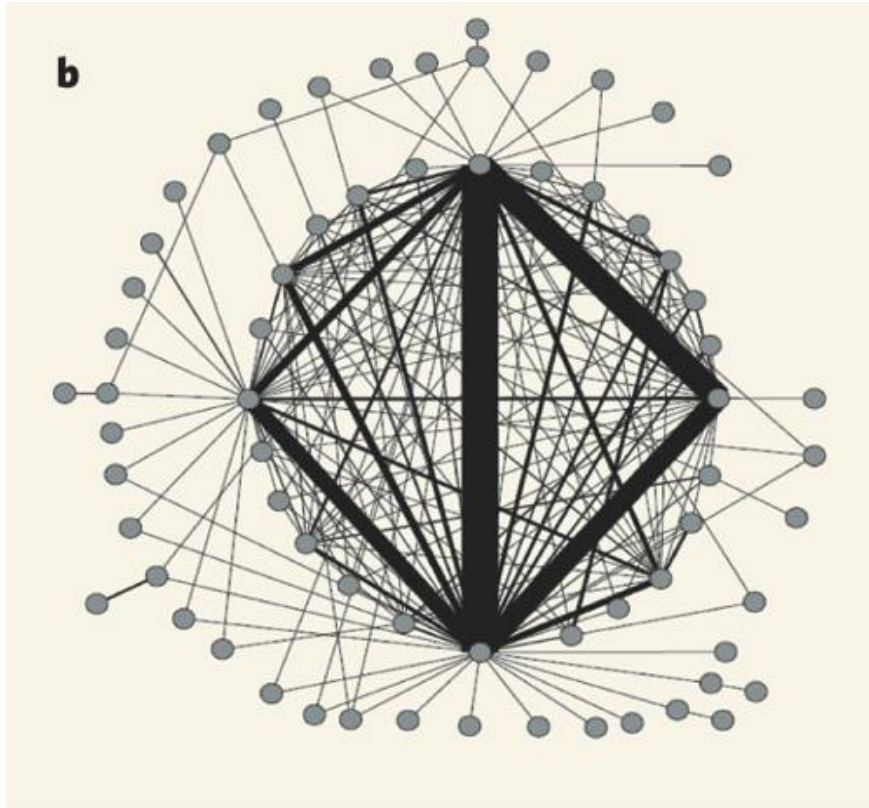
The term economics comes from the Ancient Greek οἰκονομία from οἶκος (oikos, "house") and νόμος (nomos, "custom" or "law"), hence "rules of the house (hold for good management).

Economics focuses on the behavior and interactions of economic agents and how economies work.\*

Not just about money



# From Ecology to Economics





# From Economics to Ecology – Institutions and Normative Economics



