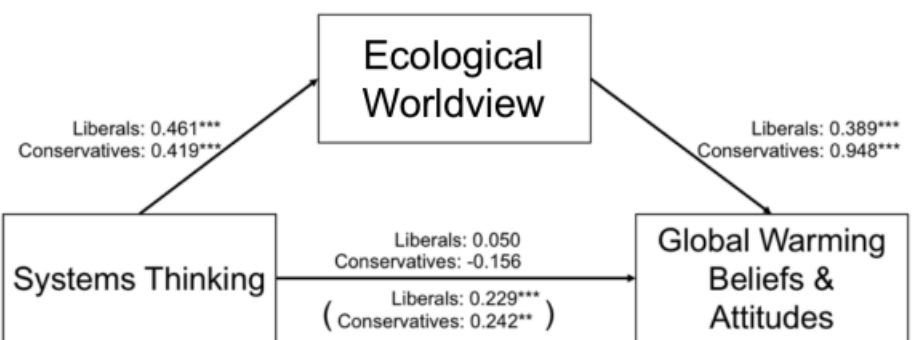
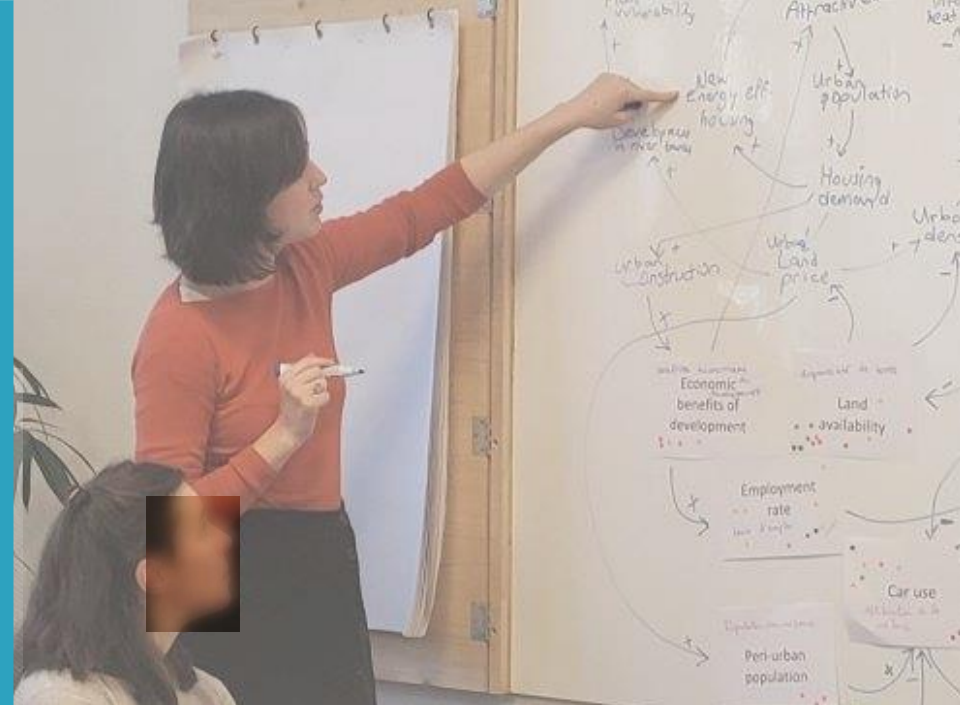
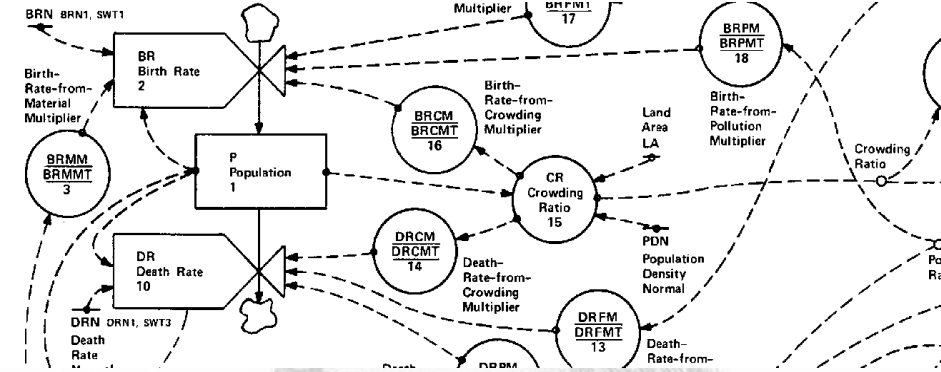


Achieving Resilience in a Complex World - Guidance for Action from Systems Sciences

Sibel Eker

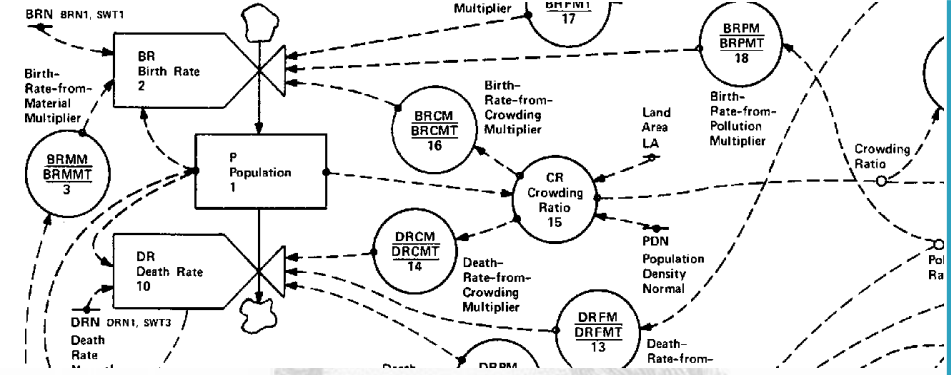
Assistant Professor, Radboud University, Netherlands

Research Scholar, IIASA, Austria

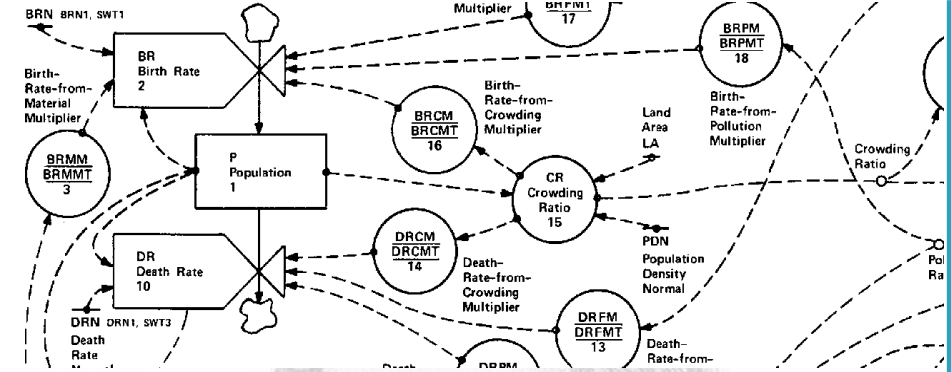


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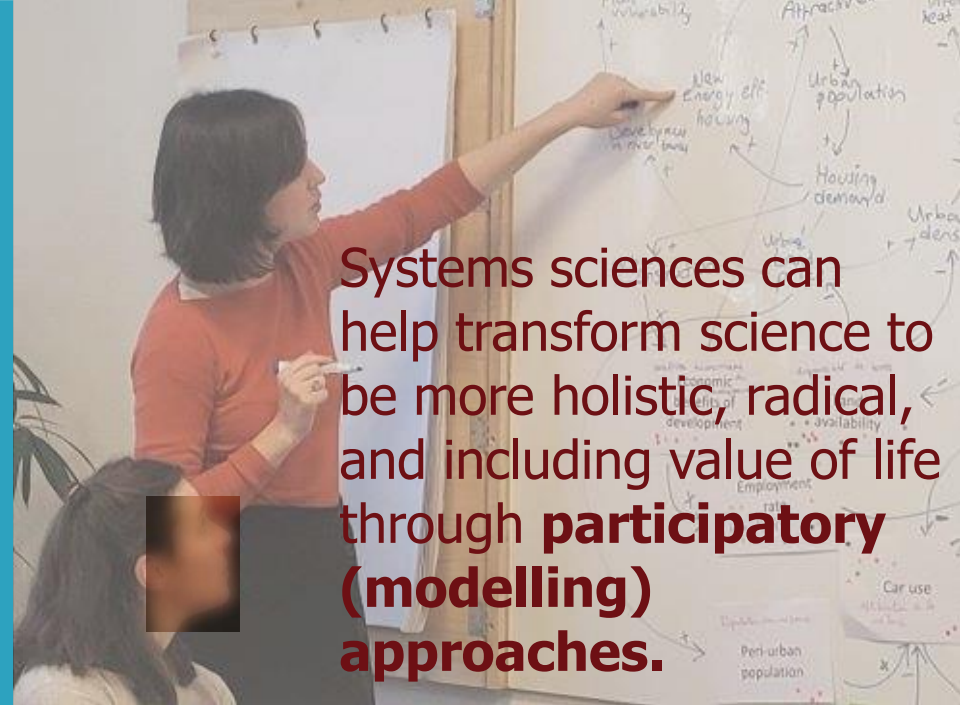
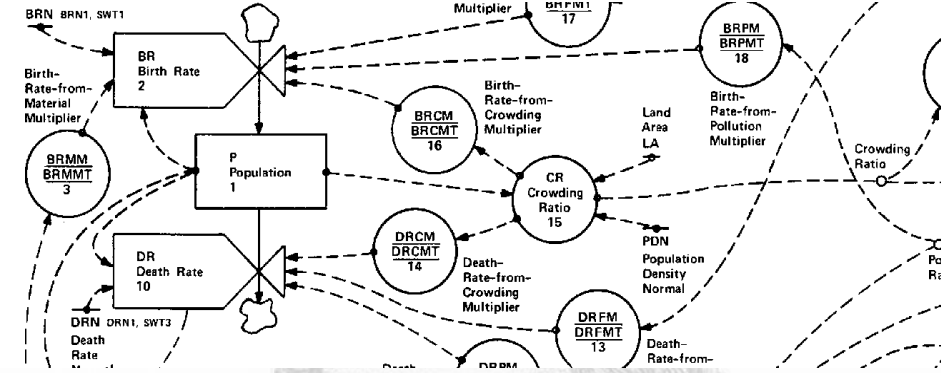




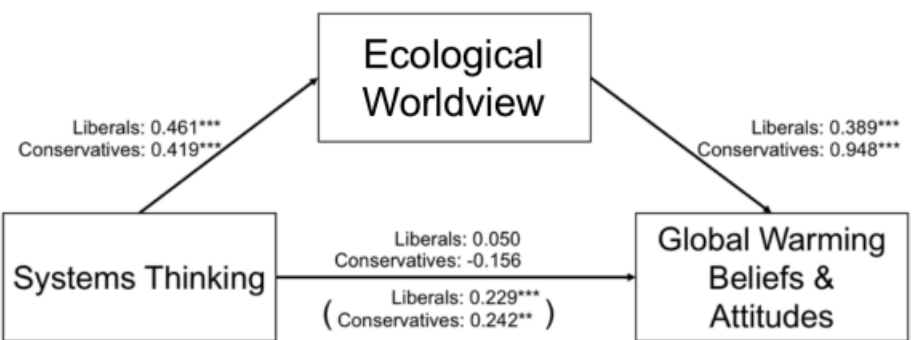
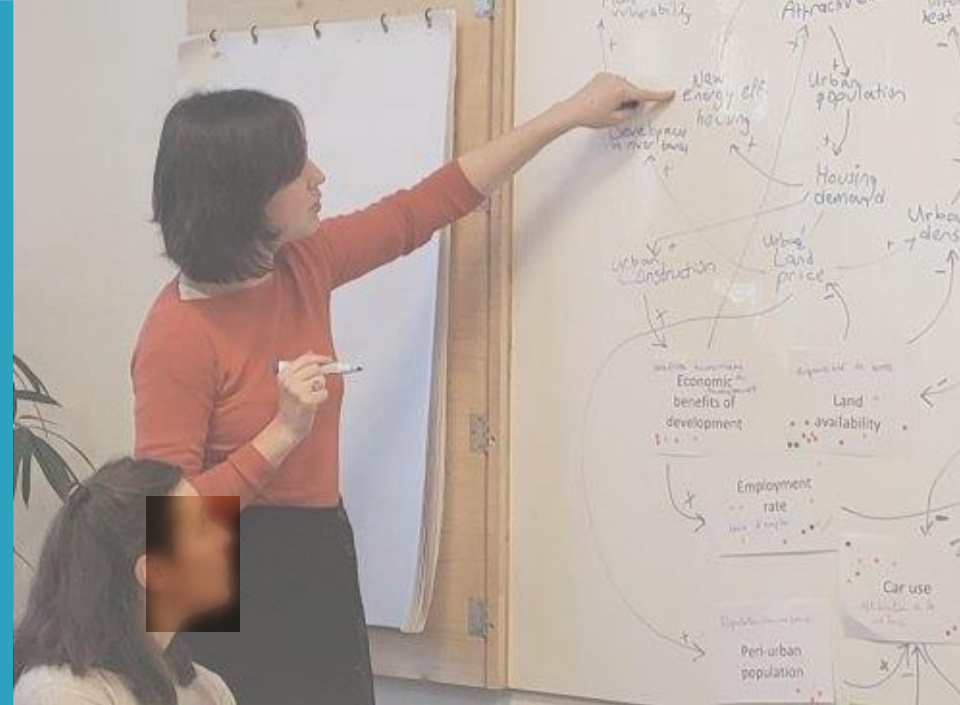
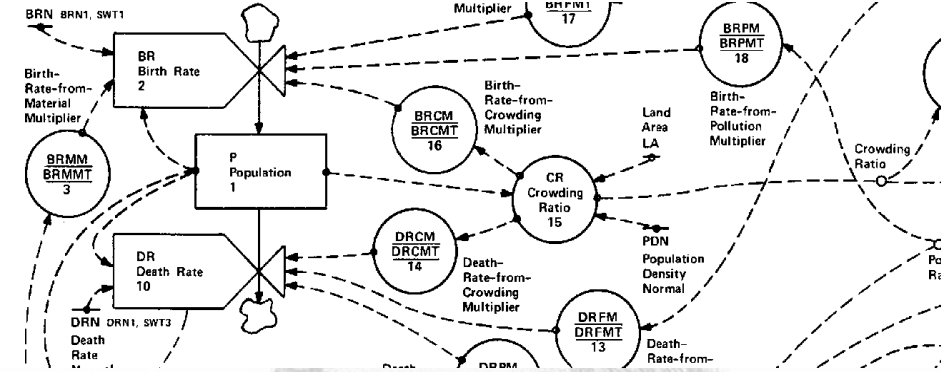
Systems sciences can help to address the global ecological crisis practically through **modelling**.



*Though this be madness
Yet there is method in it*

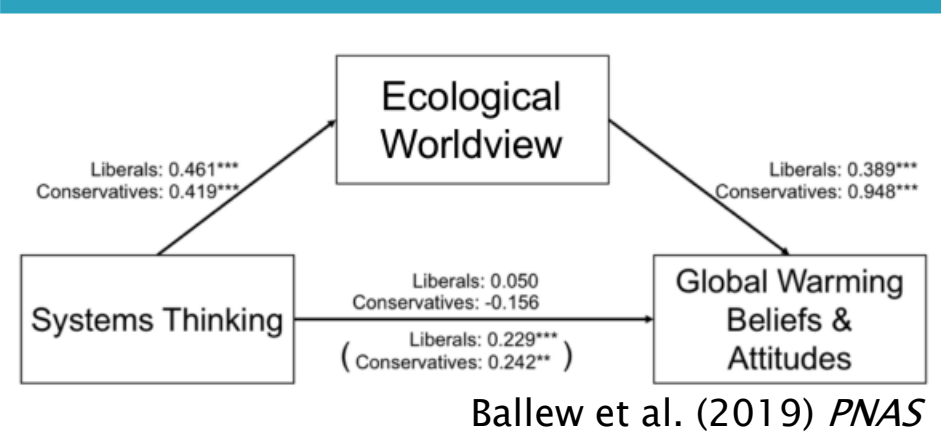
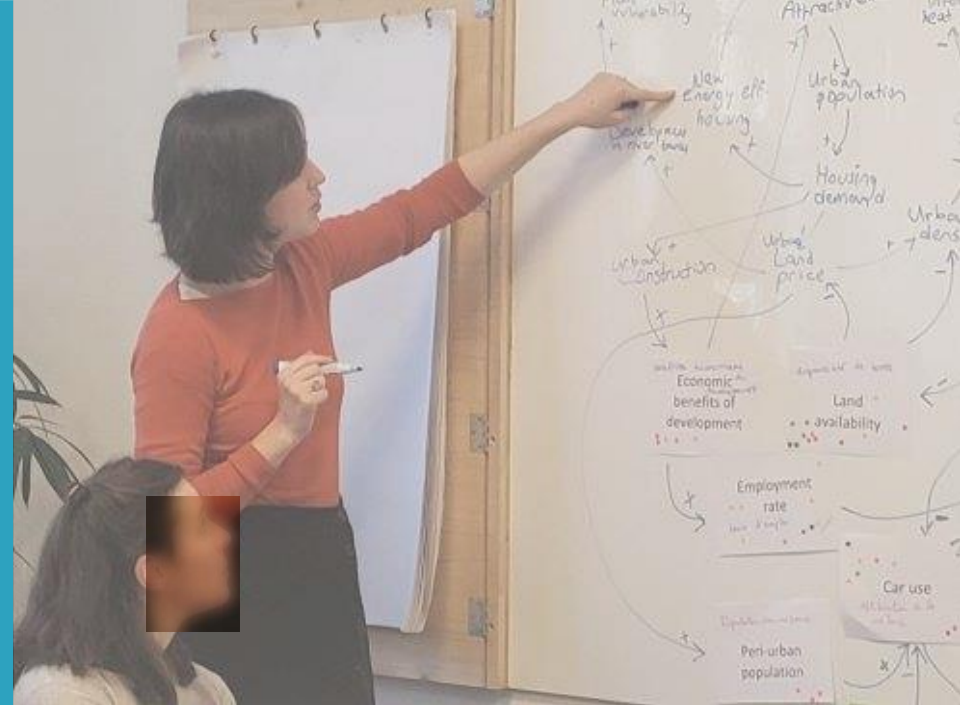
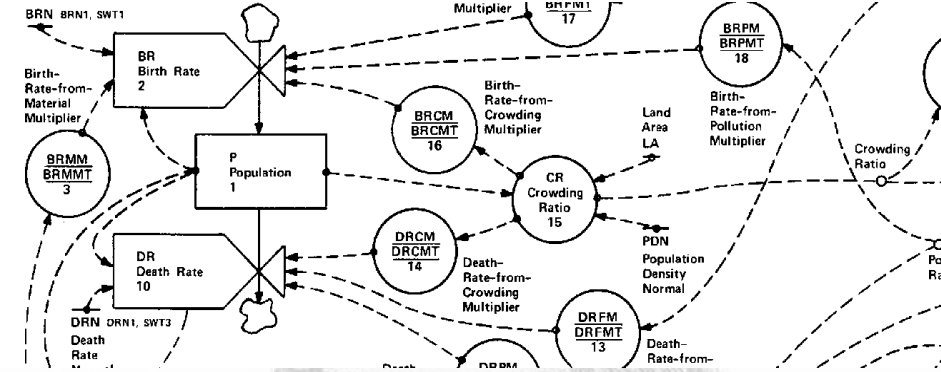


Systems sciences can help transform science to be more holistic, radical, and including value of life through **participatory (modelling) approaches.**



Ballew et al. (2019) *PNAS*

Systems thinking activates an **ecological worldview** regardless of political ideology, which promotes pro-environmental values and behavior.



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Systems science can cultivate **hope**, by showing how interconnectedness of systems enables cascading positive effects and co-benefits.