

The state of System Dynamics education: Accumulating better practitioners

Panel discussion facilitated by Jenny Morgan (Cardiff University)

System Dynamics teaching takes place in a range of settings under a range of guises: as part of wider programme of study, through specialist SD focused training sessions, through tailored, job specific training, or ad-hoc mentoring. As the field continues to develop and new methods for delivering teaching become available, what constitutes good training practice is open for discussion. This session aims to explore what makes good SD training, and how better practitioners can be developed. The starting point for the discussion will be the Competency Framework proposed by Schaffernicht & Groesser (2016 – DOI 10.1002/sdr.1550).

Jenny Morgan, PhD, is an academic and Operational Research practitioner, currently working for the Welsh Government. She is an Honorary Research Associate with Cardiff University School of Mathematics, having previously worked for the School. During that time she worked as an embedded OR modeller in a Welsh Health Board on a range of projects using System Dynamics, simulation and other OR methods. In her role with the university she has delivered System Dynamics and OR training, and mentored student projects. She continues to have an interest in how people are introduced to System Dynamics and OR methods, and the process of model development to facilitate the construction of appropriate and useful models to inform decision makers.