"Using AnyLogic Multimethod Simulation Software to Model Disease Spread in a Complex Livestock Supply Chain"

1:00 PM – 1:50 PM, Thursday January 12th
Animal Bioscience rm.134

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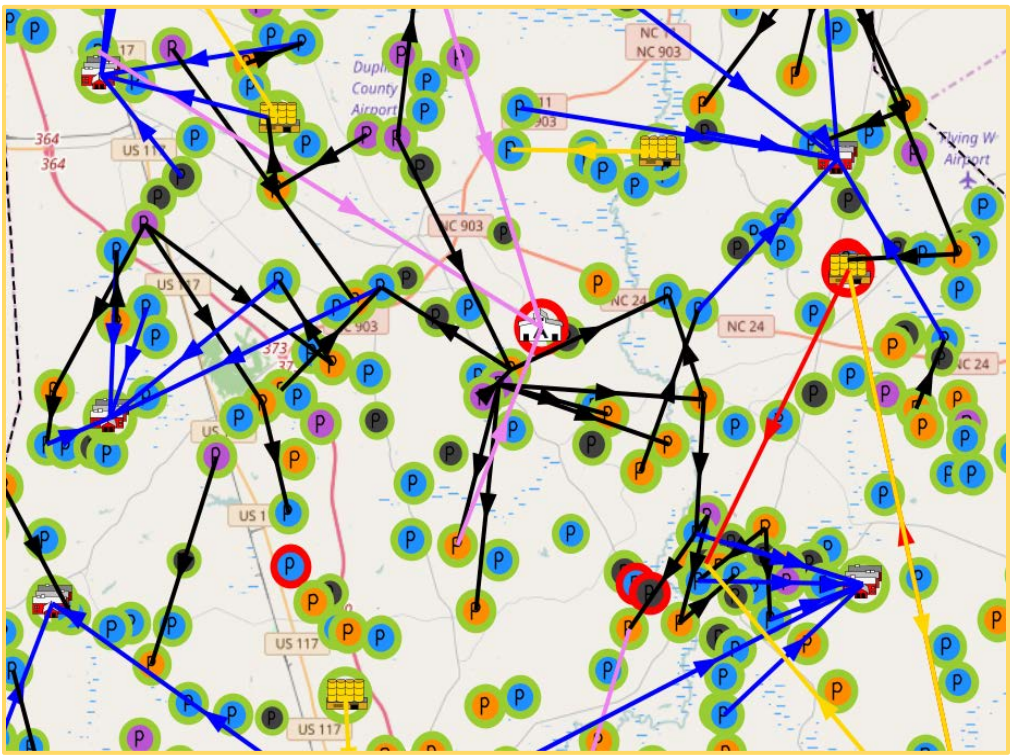

SEMINAR: With potential livestock disease transmission through pork industry supply chain nodes as a case study, AnyLogic software will be introduced as a tool for simulating social-ecological systems, supply chains, and animal and public health scenarios. AnyLogic brings together System Dynamics, Process-centric (Discrete Event), and Agent Based methods within one modeling language and development environment.

Future AnyLogic Study Group: Tommy Bass is proposing an AnyLogic study group to convene over the spring semester for those interested in self-study and peer-to-peer learning; contact Tommy Bass (tmbass@montana.edu) for more information.

Key Words: social ecological systems, food systems, supply chains, public health, animal health, simulations, multi-method modeling, GIS, AnyLogic, operations management, operations engineering, veterinary science, epidemiology, animal science, civil engineering

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