

Announcing the



# Women in Supply Chain Studies

2025 Rackham Interdisciplinary Workshop

FREE  
LUNCH

## FALL WELCOME EVENT!

### Join Us

TUESDAY, SEPTEMBER 23.  
12:00 – 1:00 PM, DANA 1024  
(IGCB MEETING ROOM)

Whether you're new to supply chains, curious to learn more, or already interested in the field, we invite you to join our Women in Supply Chain Studies group.

Enjoy free lunch and help us build this community!

rsvp



# KEY ISSUES IN SUPPLY CHAINS: SCIENCE OF SUSTAINABLE SUPPLY CHAINS

*Lecture 7*

*EAS 501*

*Tuesday, September 16, 2025*

# Key Issues in Supply Chains

Module #2: Key Issues in Supply Chains				
Tues, Sept 16 Lecture 7	Sustainability and Supply Chains	O'Rourke (2014)	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	Overview of challenges and foci
Thurs, Sept 18 Lecture 8	Traceability vs. Opacity	Fripp et al (2023); Zu Ermgassen et al (2022)	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	Strategies for traceability
Tues Sept. 23 Lecture 9	Market-based Governance	Lambin et al (2018)	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	Key governance mechanisms and strategies
Thurs, Sept 25 Lecture 9	Certification	TBD	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	Private Sector Initiatives
Tues, Sept. 30 Lecture 10	Government-Led: EUDR (Guest lecture: Charlotte Sedlock)	Chandra et al (2024)	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	Multilateral government efforts
Thurs, Oct 2	Scope 3 Emissions	Stenzel and Waichman (2023)	<ul style="list-style-type: none"><li>Lecture</li><li>Discuss readings</li></ul>	GHG supply chain accounting
Tues, Oct 7	Midterm Exam Review	No Required Reading	<ul style="list-style-type: none"><li>Review material for exam</li></ul>	
Thurs Oct 9	Midterm Exam	No required reading	<ul style="list-style-type: none"><li>Multiple choice and short answer exam</li></ul>	MIDTERM

# Structure

- O'Rourke – Science of Sustainable Supply Chains
- Meet in groups re agro-food supply chains
- Each group give brief presentation to class
  - You can choose what elements to emphasize – role of state, governance, TNC supply chain structure, prospects for sustainability, etc.

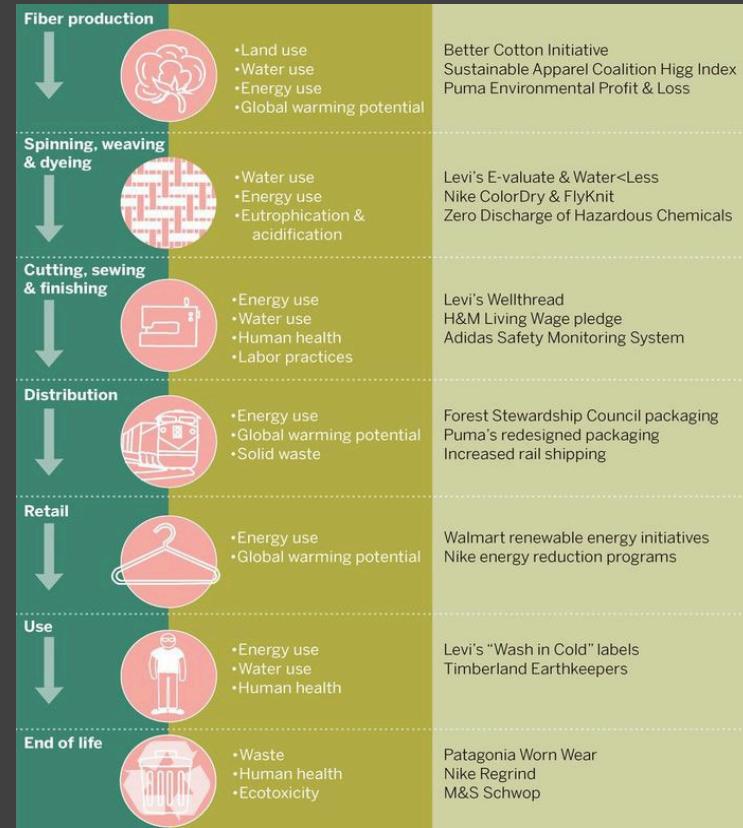
# Supply Chain Sustainability Action

4 major drivers

1. Regulatory pressures
2. Competitive pressures
3. Stakeholder pressures
4. Risks from supply chain disruption

# Mapping Supply Chain Impacts

- 49% of global manufacturing executives admit that their companies do not have supply chain visibility beyond their Tier 1 suppliers”
- More firms are mapping and publishing supply chain information
- Foundation for LCA analysis to quantify environmental impacts
- Other initiatives – footprinting, scorecards, indexes, rating systems



Apparel Supply Chain Initiatives

# Decision Support and Limitations

- How are LCAs, footprinting, and indexes used?
- Net-zero goals, carbon offsetting, risk assessment
- Tier Level Opacity
- Cost of LCA analyses
- Greenwashing
- Incorporating other environmental and social impacts
- Lack of Integration sustainability into core business and supply chain decisions

# Group Presentations

- Work in Groups
- Present your agro-food case to the class
- You can choose what elements to emphasize – role of state, governance, TNC supply chain structure, prospects for sustainability, etc.