

# Bachelor Themen

## Supply Chain Management

### 1) Accounting and Accountability in sustainable supply chains – review and delimitation

#### Einstiegsliteratur:

- Jury Gualandris, Robert D. Klassen, Stephan Vachon, Matteo Kalchschmidt, 2015. Sustainable evaluation and verification in supply chains: Aligning and leveraging accountability to stakeholders in Journal of Operations Management
- Laura J. Spence, Leonardo Rinaldi, 2014. Governmentality in accounting and accountability: A case study of embedding sustainability in a supply chain in Accounting, Organizations and Society

### 2) Traceability in sustainable supply chains – theoretical concept and tools

#### Einstiegsliteratur:

- Fabrizio Dabbene, Paolo Gay, Cristina Tortia, 2014. Traceability issues in food supply chain management: A review in Biosystems Engineering
- M. Germani, M. Mandolini, M. Marconi, E. Marilungo, A. Papetti, 2015. A System to Increase the Sustainability and Traceability of Supply Chains in Procedia CIRP

### 3) Supply chain initiative studies in non food chain – Brief review of existing studies regarding supply chain management, transparency and accounting in the scientific literature

#### Einstiegsliteratur:

- Ewald Rametsteiner & Markku Simula, 2002. Forest certification—an instrument to promote sustainable forest management?, in Journal of Environmental Management

### 4) Supply chain initiative studies in non food chain – Brief review of existing studies regarding supply chain management, transparency and accounting in the scientific literature

#### Einstiegsliteratur:

- Ruysschaert, Denis & Salles, Denis, 2009. Towards global voluntary standards: Questioning the effectiveness in attaining conservation goals: The case of the Roundtable on Sustainable Palm Oil (RSPO) in Ecological Economics

### 5) Effectiveness of auditing in sustainable supply chain management

#### Einstiegsliteratur:

- William Cook, Séverine van Bommel, Esther Turnhout, 2016, Inside environmental auditing: effectiveness, objectivity, and transparency in Current Opinion in Environmental Sustainability
- Kamal Fahmy Salama, Dino Luzzatto, Andrea Sianesi, Denis R. Towill, 2009. The value of auditing supply chains in International Journal of Production Economics

# Mobility

## 1) Exploring the Route Choice Decision Making Process

### Einstiegsliteratur:

- Bovy, Piet HL, and Eliahu Stern, 1990. Route Choice. Wayfinding in Transport Networks. Studies in Operational Regional Science, 9.
- Scotta, D.M., Doherty, S.T., 2009. Exploring the route choice decision-making process: A comparison of planned and observed routes obtained using person-based GPS. Traffic Psychol. Behav. 347–358.

## 2) Influencing Mobility: Stakeholder of sustainable mobility

### Einstiegsliteratur:

- Whitmarsh, L., Swartling, Å.G., Jäger, J., 2009. Participation of experts and non-experts in a sustainability assessment of mobility. Environ. Policy Gov. 19(4), 232–250.

## 3) Research on Sustainable (Mobility) Behavior in Germany

### Einstiegsliteratur:

- Jana Rückert-John, I.B.R.J., 2013. Umweltbewusstsein in Deutschland 2012 1–84.
- Follmer, R., Lenz, B., 2008. Mobilität in Deutschland 2008 - Ergebnisbericht (Struktur, Aufkommen, Emissionen, Trends).
- Follmer, R., Schulz, A., 2008. Mobilität in Deutschland 2008 - Methodenbericht.

## 4) Autonomous driving – the future of mobility?

### Einstiegsliteratur:

- Campbell, M. et al., 2010. Autonomous driving in urban environments: approaches, lessons and challenges. Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 368(1928), pp.4649–4672. Available at: <http://rsta.royalsocietypublishing.org/cgi/doi/10.1098/rsta.2010.0110>.

## 5) Transnational Passenger Mobility Concepts – Mobility without bounds?!

### Einstiegsliteratur:

- <http://www.transport-research.info/project/knowledge-base-intermodal-passenger-travel-europe>
- <http://www.easytrip-project.eu/>

# Master Themen

## Nachhaltiger Konsum

### 1) The role of values in collaborative consumption of apparel: borrowing and swapping

#### Einstiegsliteratur:

- Mylan, J. (2015): Understanding the diffusion of Sustainable Product-Service Systems: Insights from the sociology of consumption and practice theory. Journal of Cleaner Production, Vol. 97, pp. 13-20.

### 2) Literature review on product-service system business models in the area of apparel

#### Einstiegsliteratur:

- Reim, W.; Parida, V.; Örtqvist, D. (2015): Product-Service Systems (PSS) business models and tactics – a systematic literature review. Journal of Cleaner Production, Vol. 97, pp. 61-75.
- Gelbmann, U.; Hammerl, B. (2015): Integrative re-use systems as innovative business models for devising sustainable product-service systems. Journal of Cleaner Production, Vol. 97, pp. 50-60.

### 3) Literature review on the application of Ajzen's theory of planned behavior in the area of sustainable consumption

#### Einstiegsliteratur:

- Kim, H.; Karpova, E. (2010): Consumer attitudes toward fashion counterfeits: application of the theory of planned behavior. Clothing & Textiles Research Journal, Vol. 28, No. 2, pp. 79-94.

### 4) Literature review on the application of Schwartz's norm activation model in the area of sustainable consumption

#### Einstiegsliteratur:

- Tanner, C.; Wölfling-Cast, S. (2003): Promoting Sustainable Consumption: Determinants of Green Purchases by Swiss Consumers. Psychology & Marketing, Vol. 20, No. 10, pp. 883-902.

### 5) Literature review on situational and psychological barriers to the use of second hand clothing

#### Einstiegsliteratur:

- Hiller Connel, K.Y. (2010): Internal and external barriers to eco-conscious apparel acquisition. International Journal of Consumer Studies, Vol. 34, Iss. 3, pp. 279-286.

### 6) Literature review on consumers' clothing disposal behavior

#### Einstiegsliteratur:

- Shim, S. (1995): Environmentalism and consumers' Clothing Disposal Patterns: An Exploratory Study. Clothing and Textiles Research Journal, Vol. 13, No. 1, pp. 38-48.

## **7) Sustainable apparel consumption : explaining the consumer attitude-behavior gap**

### **Einstiegsliteratur:**

- Kollmuss, A.; Agyeman, J. (2002): Mind the gap: why do people act environmentally and what are the barriers to pro-environmental behavior?

## **8) Materialism, status symbols and social consumption motivation: socio-psychological explanations**

### **Einstiegsliteratur:**

- Fitzmaurice, J. (2006): Materialism and social consumption. The Journal of Marketing Theory and Practice, Vol. 14, Iss. 4, pp. 287-299.

## **9) Literature review on the role of self-identity and resulting intentions towards sustainable consumption behavior**

### **Einstiegsliteratur:**

- Soron, D. (2010): Sustainability, Self-Identity and the sociology of consumption. Sustainable Development, Vol. 18, pp. 172-181.

## **10) Literature review on empirical studies: Are fashion-conscious consumers more likely to adopt alternative models of clothing consumption?**

### **Einstiegsliteratur:**

- McNeill, L.; Moore, R. (2015): Sustainable fashion consumption and the fast fashion conundrum: fashion consumers and attitudes to sustainability in clothing choice. International Journal of Consumer Studies, Vol. 39, pp- 212-222.

# Life Cycle Assessment

## 1) Life Cycle Assessment: Use phase of textile products

### Einstiegsliteratur:

- DIN EN ISO 14040 / 14044 (ältere Versionen über Google als PDF)
- Klöpffler W, Grahl B, 2009. Ökobilanz (LCA): Ein Leitfaden für Ausbildung und Beruf: Ein Leitfaden für Ausbildung und Beruf (erhältlich in der Unibibliothek)
- Dahllöf, Lisbeth. *LCA methodology issues for textile products*. Diss. Chalmers tekniska högsk., 2004.

## 2) Old clothes collections done by companies

### Einstiegsliteratur:

- <http://about.hm.com/de/About/Sustainability/Commitments/Reduce-Reuse-Recycle/Garment-Collecting.html>
- <http://www.brandingmagazine.com/2012/12/07/hm-global-clothes-collecting/>

## 3) Recycling / Upcycling / Downcycling – What happens to our old clothes?

### Einstiegsliteratur:

- <http://www.utopia.de/magazin/altkleider-gegen-einkaufsgutschein>
- Cordella, Mauro, et al., eds. *Environmental Improvement Potential of textiles (IMPRO Textiles)*. Publications Office, 2014.

## 4) Business Model: Leasing of industrial products

### Einstiegsliteratur:

- <http://www.sueddeutsche.de/wirtschaft/leasing-von-textilien-massanzug-zur-miete-1.814325>
- <http://knowledge.wharton.upenn.edu/article/power-by-the-hour-can-paying-only-for-performance-redefine-how-products-are-sold-and-serviced/>

## **Verschiedenes**

- 1) Die Energieversorgung der Zukunft - Erneuerbare Energien**
- 2) Vernetzte Mobilität der Zukunft - nachhaltiger?**
- 3) Die digitale Revolution in der Industrie und ihre sozialen und ökologischen Wirkungen**
- 4) 3D-Drucker - Fluch oder Segen für eine nachhaltigere Zukunft?**
- 5) Sharing Economy - Studien zu deren ökologischen Effekten**
- 6) Rebound Effekte**
- 7) Arbeitsplatzwirkungen der Digitalisierung**
- 8) Das Konzept des bedingungslosen Grundeinkommens**