

Joann de Zegher

CONTACT INFORMATION

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ACADEMIC EMPLOYMENT

Massachusetts Institute of Technology, Cambridge, MA
Sloan School of Management
Maurice F. Strong Career Development Professor
& Assistant Professor of Operations Management

2018-

EDUCATION

Stanford University, Stanford, CA
Stanford Graduate School of Business — Operations, Information & Technology
Post-doctoral Fellow

2017-2018

*Stanford School of Earth, Energy & Environmental Sciences —
Emmett Interdisciplinary Program in Environment and Resources*
Ph.D. in Environment and Resources

2012-2017

- Dissertation Title: “Toward Sustainable Sourcing in Global Supply Chains”
- Adviser: Dan A. Iancu

Erasmus University Rotterdam, Rotterdam, the Netherlands
Erasmus School of Economics

2007-2012

M.S., Econometrics and Management Science, 2012, with Highest Honors
Pre-M.S. Certificate, Econometrics and Operations Research, 2011
B.S., International Economics and Business Economics, 2010, with Highest Honors

RESEARCH INTERESTS

- Mechanism design for social good in developing & emerging economies
- Sustainable sourcing in decentralized supply chains
- Controlled experimentation and large-scale field research
- Econometrics and data-driven decision-making

JOURNAL PUBLICATIONS

H. Bastani and J. de Zegher. “Do Policies with Limited Enforcement Reduce Harm? Evidence from Transshipment Bans” *SSRN Working Paper*

- Preliminary version in Early-Career Sustainable OM Workshop (2019)
- Presented at: POMS (2019)

J. de Zegher, D. Iancu, and E. Plambeck. “Sustaining Rainforests and Smallholders by Eliminating Payment Delay in a Commodity Supply Chain—It Takes a Village.” *Submitted*

- Honorable Mention, 2018 INFORMS George E. Nicholson Student Paper Competition
- Winner, 2016 SAWIT Challenge, USAID, Indonesia Business Council for Sustainable Development & Indonesia Smallholders Association
- Presented at: MSOM (2017), INFORMS (2016, 2017, 2018), SAWIT Challenge (2016)

T. Thorlakson, J. de Zegher, and E. Lambin. “Companies’ Contributions to Sustainability through Global Supply Chains.” *Latest Articles, PNAS*, 2018

- News coverage: Science Daily, Stanford News, Science 360, GreenBiz, Sustainable Brands
- Presented at: INFORMS (2018)

J. de Zegher, D. Iancu, and H. Lee. “Designing Contracts and Sourcing Channels to Create Shared Value.” *Articles in Advance, M&SOM*, 2017

- 2nd place, 2016 POMS College for Supply Chain Management Best Student Paper Competition
- Presented at: MSOM SIG (2016), INFORMS (2015, 2016), POMS (2016)

ACTIVE RESEARCH “Matching in Informal Smallholder Supply Chains” (with S. Camelo, D. Iancu, and D. Saban)

- Presented at: INFORMS (2018)

“Incentives to Crowdsource Information in Informal Supply Chains” (with I. Lo)

- Presented at: INFORMS (2018)

“Can the Pay It Forward Model Help Achieve Sustainable Palm Oil Supply Chains? Evidence from a Controlled Procurement Experiment” (with G. Limberg and G. Paoli)

TEACHING EXPERIENCE **Stanford Graduate School of Business**, Stanford, CA **Summer 2017**
Invited Lecturer, Executive Education
 BNP Paribas: Executive Education of Women Entrepreneurs

Teaching Assistant, OIT 262 (Operations) **Spring 2016**
 MBA Core course taught by E. Plambeck, Y. Gur, and L. Wein

Teaching Assistant, ENVRES 280 (Environmental Science for Managers) **Fall 2013**
 MBA Elective course taught by E. Plambeck

Erasmus University Rotterdam, Rotterdam, the Netherlands **Fall 2009**
Teaching Assistant, FEB12004 (International Economics)

RESEARCH GRANTS **Packard Foundation** **07/2018**
 \$100,000 for “Design of a palm fruit trading platform to advance traceability in smallholder palm oil supply chains,” with G. Paoli

Unilever Plc., Singapore **04/2017**
 \$700,000 for program design and implementation of pilots for “Achieving sustainability commitments in palm procurement through disruptive sourcing,” with G. Paoli and G. Limberg

Stanford Institute for Innovation and Entrepreneurship in Developing Economies (SEED), Stanford University **03/2017**
 \$113,647 for “Advancing smallholder palm farmers under no-deforestation pressures,” with E. Plambeck

Packard Foundation, Unilever Plc. & Daemeter, **10/2016**
 \$32,000 for field research on “Achieving sustainability commitments in palm procurement through disruptive sourcing.”

PROFESSIONAL EXPERIENCE **All Pensions Group (APG)**, Asset Management Group, Amsterdam, the Netherlands **2012**
Intern (Quant Equities)
 Designed a novel strategy for algorithmic trading of equities to minimize exposure to tail risk in equity portfolios

United Farmers Fund (UFF) Asset Management, Cape Town, South Africa **2010**
Intern
 Designed novel investment strategies for long-term agricultural investments

Environmental Protection and Development Organization, UNDP, Cambodia **2008**
Intern
 Assisted in grant writing and reported about progress in villages that benefited from micro-finance

Represented and coordinated the The Hague International Youth Network (TYN) delegation

**HONORS AND
AWARDS**

- Honorable Mention, INFORMS George Nicholson Student Paper Competition (November 2018)
- Post-doctoral Fellowship (Stanford Institute for Innovation and Entrepreneurship in Developing Economies, Stanford, 2017-2018)
- Winner, SAWIT Challenge, USAID, Indonesia Business Council for Sustainable Development & Indonesia Smallholders Association (Jakarta, 2016)
- 2nd Place, 2016 POMS College for Supply Chain Management Best Student Paper Competition (Orlando, 2016)
- Teresa Elms and Robert D. Lindsay Ph.D. Fellowship (Stanford School of Earth, Energy & Environmental Sciences, Stanford, 2016-2017)
- Ph.D. Fellowship for Innovation & Entrepreneurship in Developing Economies (Stanford Institute for Innovation and Entrepreneurship in Developing Economies, Stanford, 2015-2016)
- Gene T. Sykes Ph.D. Fellowship (Stanford School of Earth, Energy & Environmental Sciences, Stanford, 2012-2015)
- McGee/Levorsen Summer Research Fellowships (Stanford School of Earth, Energy & Environmental Sciences, Stanford, 2013, 2014, 2016)
- Member of the winning team, London Corporate Finance Competition (2009)
- Erasmus Trustfonds and Van Beek-Donnor Stichting's first student research grant, to implement research proposed in the Honors Class Essay Competition (2009)
- 2nd Place, Honors Class Essay Competition, Erasmus University, Rotterdam (2009)
- Best Speaker, International Model United Nations, Vienna (2007)

SKILLS

- Programming languages: R, Python
- Scientific Computing: MATLAB, Mathematica
- Field Data Collection: GeoODK/ODK, GPX Logger
- Geospatial Analysis: ArcGIS, R
- Languages: English (full professional proficiency), Dutch (native or bilingual proficiency), French (native or bilingual proficiency), Spanish (limited working proficiency), Indonesian (limited working proficiency)
- Hobbies: horseback riding, alpine skiing, rock climbing, surfing