



Management sciences and the Anthropocene: ew path for innovation studies?

Registration Link



Seminars, will be held on-line via Zoom Platform.

Registration is required.

Cédric Gossart

Institut Mines-Télécom Business School, France

June 11, 2021 - 12:00-13:00



Management sciences and the Anthropocene:

A new path for innovation studies?

Cédric GOSSART

Professor in Management sciences

Université Paris-Saclay, Univ Evry, IMT-BS, LITEM, 91025, Evry-Courcouronnes, France

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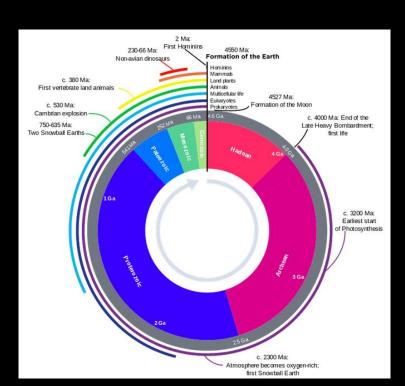
1. A word on the context

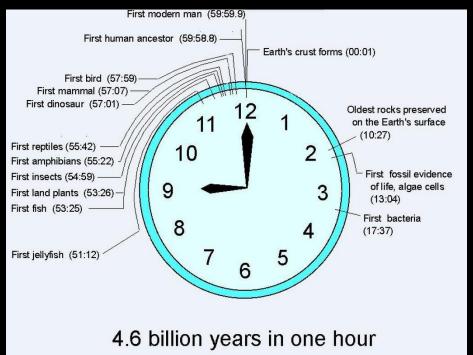
2. MS & grand challenges

3. Academic practices & the Anthropocene

1. A word on the context







SAPIENS: A LONG HISTORY OF HUNTERS-GATHERERS

-300 000

Homo sapiens

-10 000 (5 M people)

1784



https://en.wikipedia.org/wiki/Hunter-gatherer



https://fr.wikipedia.org/wiki/Histoire de l'agriculture

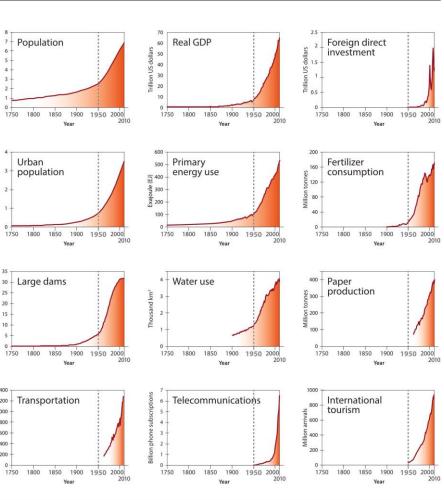


https://en.wikipedia.org/wiki/Watt_steam_engine



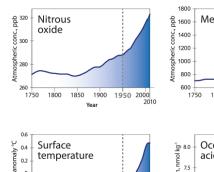
https://en.wikipedia.org/wiki/Industrial_Revolution

Socio-economic trends



Earth system trends

1950 2000



temperature

1750 1800 1850 1900

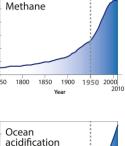
Shrimp

aquaculture

Science 347(736): 1259855.

Steffen W. et al. (2015). « Planetary boundaries:

Guiding human development on a changing planet »,



1900

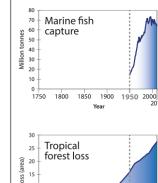
1950 2000 2010

1800

Nitrogen to

coastal zone

1750



1800

1850 1900 1950 2000

Carbon

dioxide

1800 1850 1900

ozone

1800 1850 1900

Stratospheric

Year

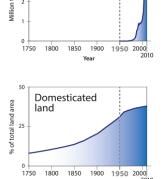
Year

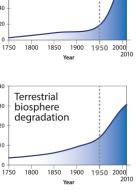
.≌ 330

S 300

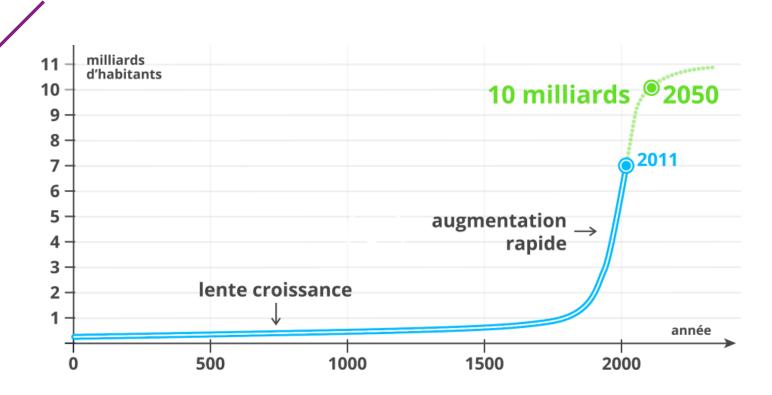
80

ssol %



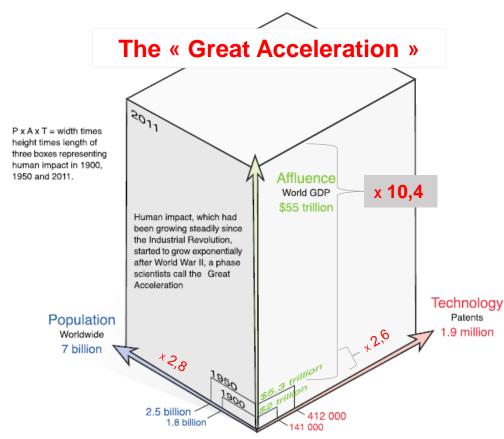


DRAMATIC CHANGES: DEMOGRAPHY



DRAMATIC CHANGES: LIFESTYLES





<u>Source</u>: Steffen W. et al. (2011). The anthropocene: from global change to planetary stewardship. *Ambio* 40(7): 739-761.

THE CRITICAL ZONE OF EARTH...

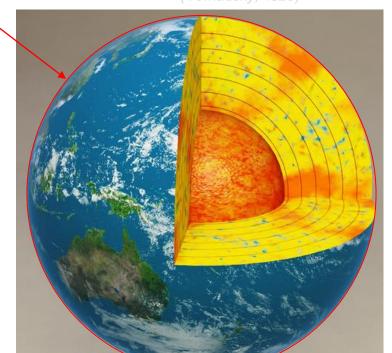
Thermosphère

Couche d'ozone

Temperature (degres Celsius)



(Vernadsky, 1929)







http://www.bruno-latour.fr/node/754



Mésosphère

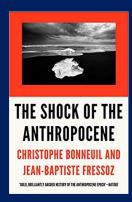
Stratosphère

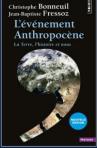
Troposphère

A new epoch: the Anthropocene

The Anthropocene is the geological epoch when humans have pushed the planet out of its ecological limits.





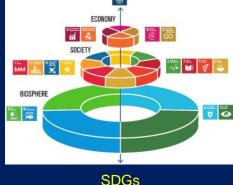








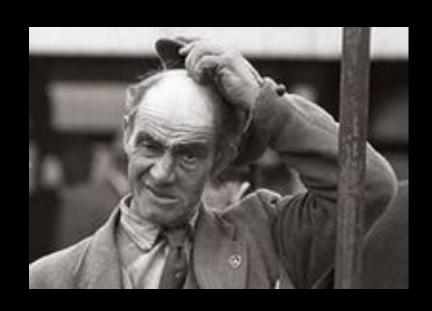




Paul Crutzen (Nobel 1995)

Planetary boundaries

2. MS & grand challenges



Do management

scientists take the

Anthropocene

seriously?

MANAGEMENT SCIENCES & THE ANTHROPOCENE: GRAND CHALLENGES

Corporate Social Responsibility

Business as usual

Future imaginings: organizing in response to climate change

Organization 20(5) 647–658
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DOI: 10.1177/1350508413489821
org.sagepub.com

Christopher Wright

The University of Sydney Business School, Australia

Daniel Nyberg

Nottingham University Business School, UK

Christian De Cock

Essex Business School, University of Essex, UK

Gail Whiteman

Rotterdam School of Management, Erasmus University, Netherlands

"In relation to climate change for instance, some **corporations uphold an illusion of compromise** between the environment and the market by adapting the meaning of concepts such as 'CSR' and 'sustainability' to fit existing corporate agendas and expand the capitalist imaginary."

CSR =
BUSINESS AS
USUAL

Academy of Management Journal
 2017, Vol. 60, No. 5, 1633–1661.
 https://doi.org/10.5465/amj.2015.0718

AN INCONVENIENT TRUTH: HOW ORGANIZATIONS TRANSLATE CLIMATE CHANGE INTO BUSINESS AS USUAL

CHRISTOPHER WRIGHT University of Sydney

DANIEL NYBERG University of Newcastle

- "corporate actions often regress to a business-as-usual approach".
- "corporations are particularly ill-suited to address climate change, since their short-term objectives and reliance on growth and political interventions inflate the superwickedness of the issue".
- "business leadership on climate change alone is insufficient".

CSR = **Greenwashing?**





Uncover the whole truth.

It's never been more urgent for companies everywhere to be more sustainable.

Yet the 'green' advertising of those companies most responsible for climate change and environmental damage is misleading the public about their sustainability.

Learn more about greenwashing: https://en.wikipedia.org/wiki/Greenwashing

CSR STUDIES DISCONNECTION

DISCONNECTED FROM EARTH SYSTEMS

MANAGEMENT STUDIES

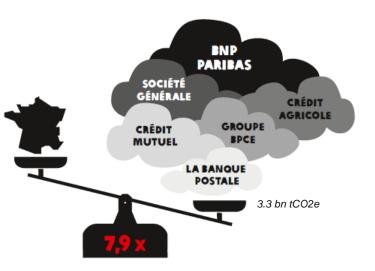
Journal of Management Studies 50:2 March 2013 doi: 10.1111/j.1467-6486.2012.01073.x

Planetary Boundaries: Ecological Foundations for Corporate Sustainability

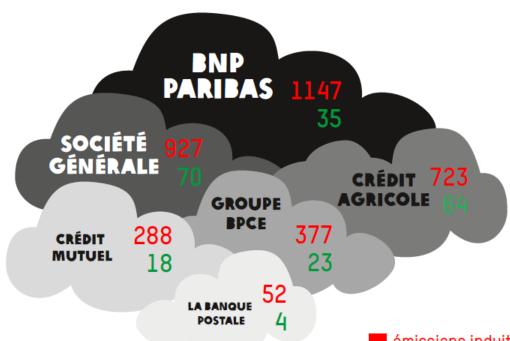
Gail Whiteman, Brian Walker and Paolo Perego

Due to the centrality of corporations within modern economies and societies, multinationals have long been conceptualized as important sources of environmental degradation (Hart, 1995). Yet studies on corporate sustainability continue to remain disconnected from the declining state of Earth systems. In this paper, we argue that the scientific framework of Planetary Boundaries provides us with a rich and detailed foundation for management studies on corporate sustainability.

THE FINANCIAL SECTOR & CSR

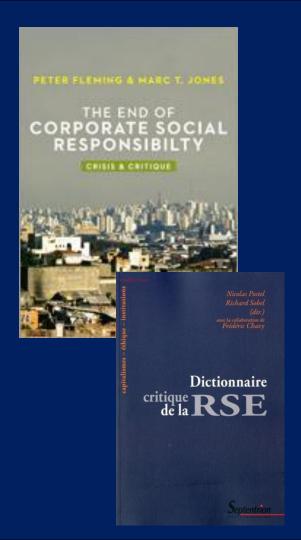


ÉMISSIONS DE GAZ À EFFET DE SERRE ANNUELLES EN MILLIONS DE TONNES ÉQUIVALENT CO₂





émissions induites émissions économisées



Is CSR dead?







https://www.triplenundit.com/story/2020/its-end-csr-we-know-it-and-i-feel-fine/86246/

"companies should put social responsibility above profit. (...)

this statement is only as valuable as the time, focus and (...) money corporate leaders commit to making it true"

3. Academic practices & the Anthropocene



Do management scientists take the Anthropocene seriously?

Management scientists and the Anthropocene:

How can we tackle grand challenges?

Cédric GOSSART, Université Paris-Saclay, Univ Evry, IMT-BS, LITEM, 91025, Evry-Courcouronnes

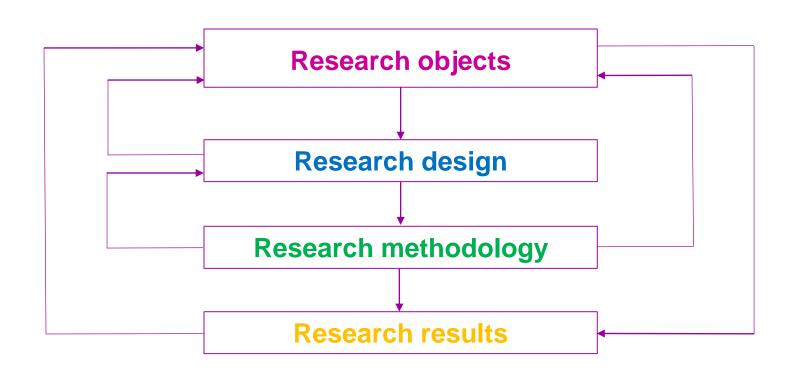
Nicolas PRAQUIN, Université Paris-Saclay, Réseaux Innovation Territoires et Monditure de la company de la

- Focus on new research objects
 (grand challenges, planetary boundaries...)
- Deconstruct dominant concepts

 (innovation, entrepreneurship ...)
- Broaden the scope of stakeholders in our research (marginal ones, non humans...)

<u> https://www.youtube.com/watch?v=wcBl9s7KhA8</u>

THE RESEARCH PROCESS



Research objects

Research design

Research methodology

Research results

RESEARCH OBJECTS: @GCs!

Academy of Management Journal
 2016, Vol. 59, No. 6, 1880–1895.
 http://dx.doi.org/10.5465/amj.2016.4007

A Framework for Addressing Grand Challenges

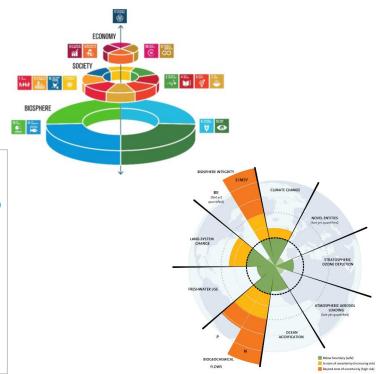
UNDERSTANDING AND TACKLING SOCIETAL GRAND CHALLENGES THROUGH MANAGEMENT RESEARCH

GERARD GEORGE Singapore Management University

JENNIFER HOWARD-GRENVILLE University of Cambridge

APARNA JOSHI Pennsylvania State University

> LASZLO TIHANYI Texas A&M University



Academy of Management Journal
 2014, Vol. 57, No. 3, 615–623.
 http://dx.doi.org/10.5465/amj.2014.4003

FROM THE EDITORS

CLIMATE CHANGE AND MANAGEMENT

RESEARCH OBJECTS

"From paper-motivated research to context-sensitive scholarship"

Editorial

The Spirit of Science and Socially Responsible Scholarship

Anne S. Tsui^{1,2,3,4}

¹Arizona State University, U.S.A., ²Fudan University, China ⁴Shanghai Jiao Tong University, China

Management and Organization Review 9:3, November 2013, 375–394 doi: 10.1111/more.12035

"Directing research toward improving school ranking and influencing promotion and tenure decisions without considering whether research is relevant to practice is no better than corporations and their managers improving the organization's wealth to benefit only shareholders and themselves. Condoning or engaging questionable research practices is not only socially irresponsible, it is morally wrong."

Research objects

Research design

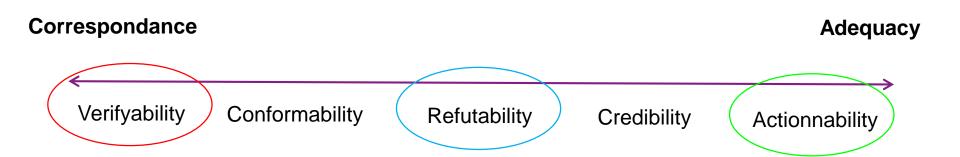
Research methodology

Research results

RESEARCH DESIGN

Diversify epistemological choices

Conception of truth and validity criteria



RESEARCH DESIGN

Question the way you view the world

Future imaginings: organizing in response to climate change

20(5) 642-655 © The Author(s) 2013 Reprints and permissions: amena b coult/fournab/Permissions are DOE 10.1177/135050841348983. ongsaggpub.com

Christopher Wright

The University of Sydney Business School, Australia.

Daniel Nyberg

Nottingham University Business School, UK

Christian De Cock

Essex Business School, University of Essex, UK

Gail Whiteman

Rotterdam School of Management, Erasmus University, Netherlands

Organizing in the Anthropocene

2018, Wid. 25P0 455-471 @ The Authority 2018 Reprints and permissions: cage publica, ukijo umali i Permittions, nav DIDE 10.1177/1350500410779649 journal page pub consiltor no long.

SAGE



The University of Sydney, Australia.

Daniel Nyberg

The University of Newcastle, Australia

Lauren Rickards

RMIT University, Australia

James Freund Lancastor University, UK

®SAGE

- "climate change not only presents real, physical threats but also challenges the way we conceive of the broader economic, political and social order"
- "need to view climate change as a social and politically embedded phenomenon, fundamentally linked to patterns of production and consumption and the ideological assumptions that underpin the economic system and our collective sensemaking processes"
- "the Anthropocene is the crucial issue for organizational scholars to engage with in order to not only understand on-going anthropogenic problems but also help create alternative forms of organizing based on realistic Earthhuman relations."
- 5 key organizing narratives: business-as-usual, ecomodernism, social movements, systemic changes, organising culture.

QUESTION THE ROLE

OF DOMINANT ACTORS

Journal: Academy of Management Perspectives Manuscript ID AMP-2019-0130.R2 Document Type: Symposium Entrepreneurship (General) < Entrepreneurship < Topic Areas, Social Issues in Management < Topic Areas, Foological economics < Theoretical Perspectives, Theoretical Perspectives

EXEMPLE 1: « IMPACT ENTREPRENEURS »

- MS need to go « beyond the generation of economic returns for firms and their primary stakeholders"
- "entrepreneurs lack the knowledge, skills, authority and resources necessary to resolve grand challenges"
- "most research examines phenomena at the individual, group and/or organizational level of analysis"
- "citizens from the communities being helped are not just passive beneficiaries"
- "reliance on heroic actors [...] who seem to singlehandedly and swiftly change big institutions"
- "in many sustainability contexts, no single actor has the scale, skills, resources or even the authority to be the catalytic leader"

ADOPT A MULTISTAKEHOLDER

VIEWPOINT => INCLUDE MARGINALISED ONES

Journal of Business Ethics (2018) 152:965-976 https://doi.org/10.1007/s10551-018-3824-3

ORIGINAL PAPER

Transformational Business Models, Grand Challenges, and Social Impact

Ignasi Marti^{1,2,3}©

EXEMPLE 2: « FRINGE STAKEHOLDERS »

- "traditional literature on business models paid only limited attention to social and environmental challenges"
- "Emerging research highlights the importance of studying social and environmental consequences of new business models"
- "business models are generally perceived from 'a value creation perspective that focuses on satisfying customer needs, economic return and compliance"
- interactive business models create new sources of revenue & enhance the living conditions of the poor (...) "which requires an intense implication of fringe stakeholders and interactions with them"
- When a credit officer asked her to go to the market to sell their products, she responded with some shock: "How can I go to the market? I am a woman!"

INTERDISCIPLINARITIES

Organizations, Climate Change, and Transparency: Reviewing the Literature on Carbon Disclosure Organization & Environment
2015, vol. 36(1) 66 103

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segments and permissions
DOI: 10.1177/108072661525542
cascatgapub.com

@SAGE

Rüdiger Hahn¹, Daniel Reimsbach², and Frank Schiemann³

- · Study carbon disclosure field
- Variety of theories (sociopolitical, economics, institutional, ...)
- MS literature: focus on factors driving CD
- Few links to theories in CD literature
- CD research could use the financial disclosure literature



Planetary Boundaries: Ecological Foundations for Corporate Sustainability

Gail Whiteman, Brian Walker and Paolo Perego

"it is time for corporate sustainability
scholars to reconsider the ecological
and systemic foundations for
sustainability, and to integrate our work
more closely with the natural sciences"

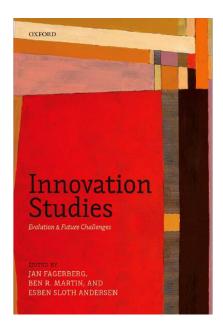
INNOVATION STUDIES & GRAND CHALLENGES

Table 8.1. Twenty advances in science policy

- 1 From individual entrepreneur to corporate innovators
- 2 From laissez faire to government intervention
- 3 From two factors of production to three
- 4 From single division to multidivisional effects
- 5 From technology adoption to innovation diffusion
- 6 From science push to demand pull?
- 7 From single factor to multifactor explanations of innovation
- 8 From a static to a dynamic model of innovation
- 9 From the linear model to an interactive 'chain-link' model
- 10 From one innovation process to several sector-specific types
- 11 From neo-classical to evolutionary economics
- 12 From neo-classical to new growth theory
- 13 From the optimizing firm to the resource-based view of the firm
 - From individual actors to systems of innovation
- 15 From market failure to system failure
- 16 From one to two 'faces' of R&D
- 17 From 'Mode 1' to 'Mode 2'

14

- 18 From single technology to multitechnology firms
- 19 From national to multilevel systems of innovation
- 20 From closed to open innovation



<u>Source</u>: Ben Martin, « Innovation studies: An emerging agenda », in *Innovation studies*, Fagerberg et al. (2013), chapter 8.

Research objects

Research design

Research methodology

Research results

RESEARCH METHODOLOGY

Diversify research methods

What is the aim of my research?

Explain

Predict

Understand

Change

Academy of Management Perspectives

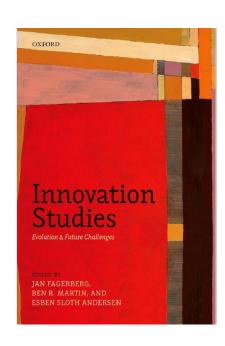
Bridging the Research—Practice Gap

by Pratima Bansal, Stephanie Bertels, Tom Ewart, Peter MacConnachie, and James O'Brien



THE CONCEPT OF INNOVATION

Question existing concepts



<u>Source</u>: Ben Martin, « Innovation studies: An emerging agenda », in *Innovation studies*, Fagerberg et al. (2013), chapter 8.

Table 8.2. Fifteen challenges for innovation studies

- 1 From visible innovation to 'dark innovation'
- 2 From 'boy's toys' to mundane but liberating innovations
- 3 From national and regional to global systems of innovation
- 4 From innovation for economic productivity to 'green innovation'
- 5 From innovation for economic growth to innovation for sustainable development
- 6 From risky innovation to socially responsible innovation
- 7 From innovation for wealth creation to innovation for wellbeing (or from 'more is better' to 'enough is enough')
- 8 From 'winner takes all' to 'fairness for all'?
- 9 From government as fixer of failures to the entrepreneurial state
- 10 From faith-based policy (and policy-based evidence) to evidence-based policy?
- 11 Pricking academic bubbles
- 12 Avoiding disciplinary sclerosis
- 13 Identifying the causes of the current economic crisis
- Helping to generate a new paradigm for economics—from Ptolemaic economics to 277
- 15 Maintaining our research integrity, morality, and collegiality

THE LIMITS OF ECO-INNOVATIONS

J Evol Econ (2014) DOI 10.1007/s00191-014-0381-5

REGULAR ARTICLE

Lock-in and path dependence: an evolutionary approach to eco-innovations

Grazia Cecere • Nicoletta Corrocher • Cédric Gossart • Muge Ozman

Rennings (2013):

"consist of new or modified processes, techniques, practices, **systems** and products to avoid or to reduce environmental harms."

RESPONSIBLE INNOVATION: THE NEW NORM?

- (1) explicitely aims at solving grand challenges, and ...
- (2) follows responsible innovation principles.

Stilgoe & al. (2013)'s framework: 'ARIR'

- > Anticipation
- Reflexivity
- Inclusion
- Responsiveness



Source: Stilgoe, J., Owen, R., Macnaghten, P., 2013. Developing a framework for responsible innovation. *Research Policy* 42, 1568-1580.

TOWARDS NEW

(TRANSFORMATIONAL)

BUSINESS MODELS

Journal of Business Ethics (2018) 152:965–976 https://doi.org/10.1007/s10551-018-3824-3

ORIGINAL PAPER

Transformational Business Models, Grand Challenges, and Social Impact

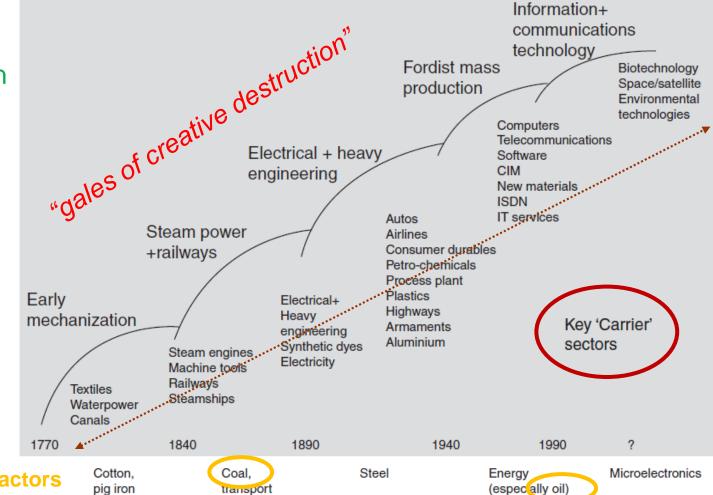
Ignasi Marti^{1,2,3}©

- "interpretations of business models remain diverse"
- "while some may regard this as a problem, we see it as an opportunity for researchers -especially those interested in entrepreneurship, strategy, and innovation- to challenge, question, and rethink concepts and assumptions from different fields of management research."
- "how business models (...) may impact the quality of life of the poor, the disenfranchised, the marginalized, and even on nonhuman stakeholders"
- <u>Ex</u>.: "the dominant microfinance business model was too rigid in design and institutionalized practices to help the neediest."
- "one way to enrich current discussions about the design and implementation of business models (...) is to build on the rich literature on 'grand challenges'"

creative destruction

The limits of





Key production factors

pig iron

transport

Source: Dodgson et al. (2008). The Management of Technological Innovation. Oxford University Press, 2d ed., p. 27, Fig. 2.1.

Key factor industries

DESTRUCTIVE CREATION?



Philippe Aghion :

"L'innovation,
c'est le progrès"





« A society that no longer innovates is a society that stagnates, that is Albania »

Prof. Luc Soete, UNU-MERIT



Science, technology and innovation: From creative destruction to destructive creation

"Innovation is good for you" appears a common feature of most science, technology and innovation studies over the last decades. In many ways this is surprising given the fact that innovation failure rather than innovation success appeared a much more common feature in micro innovation studies as highlighted amongst others in the early SAPPHO project from SPRU. Hence the simple, but straightforward question which will be central in this Marie Jahoda lecture: could it be that innovation is not always good for you? That at a societal level, innovation rather than representing a Schumpeterian process of "creative destruction" renewing society's dynamics and hence leading to higher levels of economic development and welfare – destroying a few incumbents to the benefit of many newcomers – presents now and then the

https://www.merit.unu.edu/publications/working-papers/abstract/?id=8048

Research objects

Research design

Research methodology

Research results

RESEARCH RESULTS Academy of Management Journal
 2016, Vol. 59, No. 6, 1869–1877.
 http://dx.doi.org/10.5465/amj.2016.4006

MAKING RESEARCH IMPACTFUL

Beyond the Published Article

FROM THE EDITORS

MANAGEMENT RESEARCH IN *AMJ*: CELEBRATING IMPACT WHILE STRIVING FOR MORE

Academy of Management Learning & Education, 2014, Vol. 13, No. 4, 623-639. http://dx.doi.org/10.5465/amle.2014.0121

Scholarly Impact: A Pluralist Conceptualization

HERMAN AGUINIS Indiana University

DEBRA L. SHAPIRO University of Maryland

ELENA P. ANTONACOPOULOU GNOSIS, University of Liverpool

THOMAS G. CUMMINGS
University of Southern California

Revue Française de Gestion
Volume 43 / Numéro 267 (août-septembre 2017)

Recherche en gestion : retrouver du sens

Introduction

Recherche en gestion, le sens mis en pièces p. 67 Jean-Luc Moriceau, Hervé Laroche et Rémi Jardat

Face à la tyrannie des étoiles : révoltons-nous ! p. 133

Aurélien Rouquet

"researchers doing engaged scholarship must surmount the "double hurdle" of scholarly and practical impact, a difficult task that generally requires treating engaged research as a vocation or calling, not simply an episodic event leading to a publishable outcome."

SCIENCE & SCIENTISTS IN SOCIETY

World Scientists' Warning to Humanity: A Second Notice 🕮

William J. Ripple, Christopher Wolf, Thomas M. Newsome, Mauro Galetti, Mohammed Alamgir, Eileen Crist, Mahmoud I. Mahmoud, William F. Laurance, 15,364 scientist signatories from 184 countries

BioScience, Volume 67, Issue 12, December 2017, Pages 1026–1028, https://doi.org/10.1093/biosci/bix125

Published: 13 November 2017







Le 08 juillet 2019

TRIBUNE

Urgence climatique : universités et grandes écoles mobilisées aux côtés des étudiants pour la réalisation des 17 Objectifs de Développement Durable

In the Face of the Ecological Crisis, Rebellion is Necessary

Recognising governmental inaction in the face of the ecological and climatic emergency, more than 1,000 scientists from all disciplines call for citizens' civil disobedience and their development of alternatives in (top French newspaper) Le Monde. They urge political leaders to radically change our economic and production model and to take the proposals of the Citizens' Convention on Climate Change seriously.

This call is inspired by similar initiatives in The Guardian and Le Temps.

CÉDRIC GOSSART & THE ANTHROPOCENE





Entendre l'Anthropocène





https://iness.wp.imt.fr/





- OPIKNOW
- PRANED







Fablabs & SDGs (with the French Fablabs Network)



Thank you.

Cédric GOSSART

Professor in Management sciences

https://gossart.wp.imt.fr/

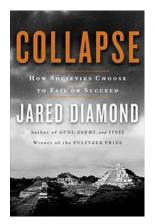


INESS IDEA lab: https://iness.wp.imt.fr

Institut Mines-Télécom Business School 9 rue Charles Fourrier 91011 Évry Cedex Tél: 01 60 76 40 40 www.imt-bs.eu

Backup slides

RISK OF ECOLOGICAL COLLAPSE?



Source:

http://en.wikipedia.org/wiki/Collapse: How Societies Choose to Fail or Succeed

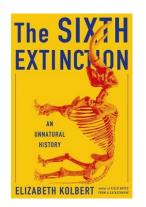




Source: http://www.ted.com/talks/jared_diamond_on_why_societies_collapse (18 minutes; 2,6 million views)

https://en.wikipedia.org/wiki/Elizabeth Kolbert



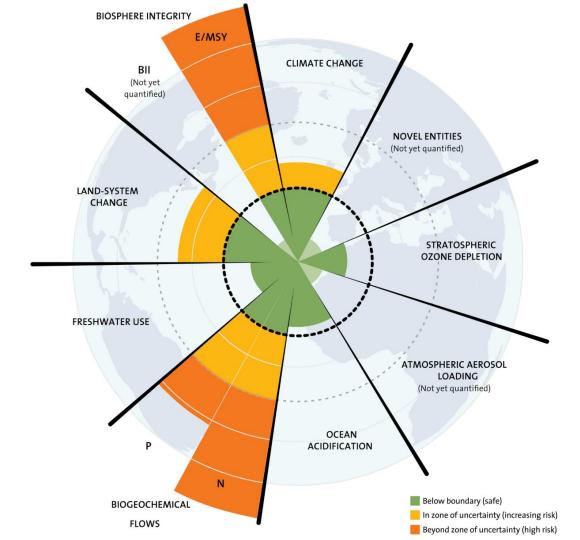


PLANETARY BOUNDARIES

"The planetary boundaries framework defines a safe

operating space for humanity

based on the intrinsic biophysical processes that regulate the stability of the Earth System."



Source: http://www.stockholmresilience.org/research/planetary-boundaries.html

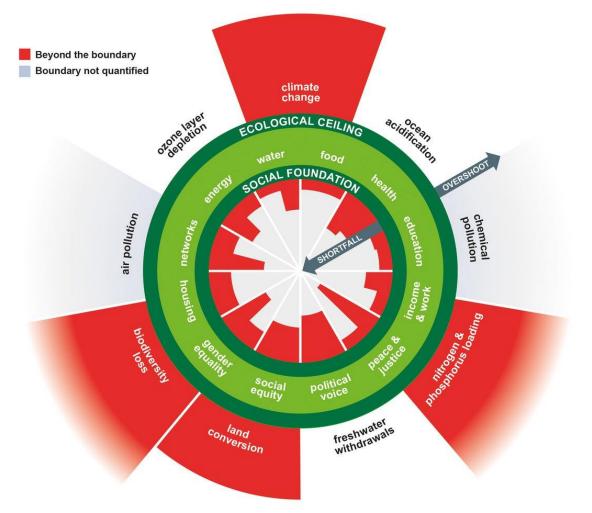
PLANETARY HEALTH

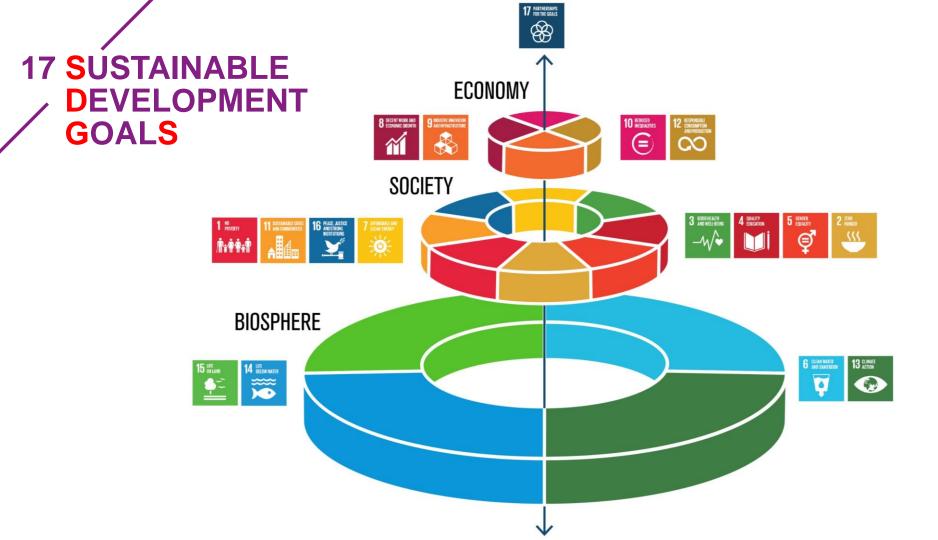
Kate Raworth's

"Doughnut of social

and planetary

boundaries"





RESPONSIBLE INNOVATION

En savoir +:

Owen, R., et al. (2012). Responsible research and innovation: From science in society to science for society, with society. Science and Public Policy 39(6): 751-760.

Owen, R., et al. (2021). Organisational institutionalisation of responsible innovation. Research Policy 50(1): 104132.

Table 40.1 Actions for implementing responsible innovation Dimension Tools

Anticipation Scenario thinking Value mapping Ideation for business modelling Translating vision into mission (target setting) Game theory/perspective Crowdsourcing Crowdsourcing (via software) Living lab structures Collaborative business modelling Inclusion and deliberation Partnerships Consultancy of experts Focus groups Integrating views and opinions Formal evaluations Third party critical appraisal Reflexiveness Informal (self-) assessment culture 'Knowledge -concept-process' mechanisms Empowered and open communication Customising or mainstreaming Preventing organisational inertia Responsiveness Adjust/withdraw innovation Monitor external environment post introducing of innovation

Responsible management of innovation in business

Sources: Adapted from Lubberink et al. (2017); Burget et al. (2017); Blok et al. (2015); Long and Blok (2017).

ECO-INNOVATIONS: A NEED FOR A SYSTEMIC VIEW

J Evol Econ DOI 10.1007/s00191-014-0381-5

REGULAR ARTICLE

Lock-in and path dependence: an evolutionary approach to eco-innovations

Grazia Cecere · Nicoletta Corrocher · Cédric Gossart · Muge Ozman



Continuous improvements in a given technology strengthens its market => lock-in.

Internal combustion engine (ICE): environmentally improved by efficiency inventions (direct fuel injection, particle filters, new combustion concepts). (Oltra & Saint Jean, 2009)

ICE: strong and persistent dominant design, most engine innovations still focused on incremental changes within this design, supported on the consumer side by a demand for incremental changes.



MS ORGANISATIONS



35th EGOS Colloquium



Sub-Plenary 1-2: Grand Challenges: Organizations and the Anthropocene ---> FULLY **BOOKED!**

 Panelists: P. Devereaux (Dev) Jennings [Chair], University of Alberta School of Business, Canada; Andrew (Andy) Hoffman, University of Michigan, USA; Gail Whiteman, Lancaster University School of Management, UK; Judith Walls, University of St. Gallen, Switzland

Critical Organizational Anthropocene

Hervé Corvellec | Alison Stowell | Steffen Böhm

Session VI: Saturday, July 06, 09:00 to 10:30,

Organizational Practices I/II

Chair: Hervé Corvellec

Marcus Wagner

Governance and institutions in new public environmental management: An international and

intertemporal comparison of voluntary standards' impacts

Discussant(s): Alexandre Monnin, Emmanuel Bonnet and Diego Landivar Alexandre Monnin, Emmanuel Bonnet and Diego Landivar

What the Anthropocene does to organizations

Discussant(s): Cédric Gossart

Cédric Gossart

Organisational practices and grand challenges: The case of large digital firms

Discussant(s): Marcus Wagner



SWG 15: Organization Studies in the Anthropocene: System Change, Not Climate Change

https://www.egosnet.org/jart/prj3/egos/ Coordinators main.jart?content-id=1585149883954

Paul S. Adler, University of Southern California, USA

Bobby Banerjee, City University of London, UK

Zlatko Bodrožić, University of Leeds, UK

Ekaterina Chertkovskaya, Lund University, Sweden ☑ John M. Jermier, University of South Florida, USA

Maria Peredo, University of Victoria, Canada

Sub-theme 41: Organizing Innovation and Entrepreneurship in and for a Sustainable Society

Digital technologies and sustainable development: How do digital social innovations scale up?

Müge Ozman 1 & Cédric Gossart 2

Responsible Research in Business & Management

https://rrbm.network/



Principle 1. Service to Society: Business research aims to develop knowledge that benefits business and the broader society, locally and globally, for the ultimate purpose of creating a better world.











A WORD ON TEACHING & GRAND CHALLENGES

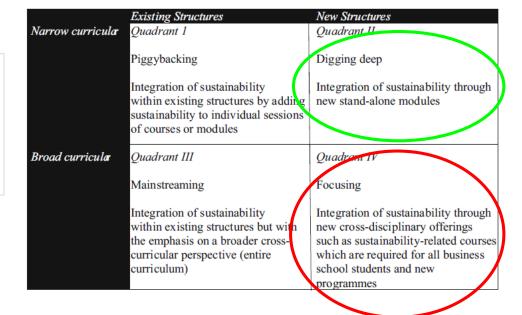
J Bus Ethics (2016) 139:737-754 DOI 10.1007/s10551-015-2896-6

Beyond the Curriculum: Integrating Sustainability into Business Schools

Mollie Painter-Morland^{1,2} · Ehsan Sabet³ · Petra Molthan-Hill⁴ · Helen Goworek⁵ · Sander de Leeuw^{3,6}

Course « Organisations & grand challenges » (L3) + Sulitest + ... IG:

https://www.sulitest.org







MANAGEMENT SCIENCES & THE ANTHROPOCENE

- <u>STRAT</u>: Hamann et al. (2019). Strategic Responses to Grand Challenges: Why and How Corporations Build Community Resilience. *Journal of Business Ethics*.
 - Martí (2018). Transformational Business Models, Grand Challenges, and Social Impact. JBE.
- ORG: Wright et al. (2018). Organizing in the Anthropocene. Organization.
- FIN: Shrivastava et al. (2019). Finance and Management for the Anthropocene. *Organization & Environment*.
- IS: van der Velden (2018). ICT and Sustainability: Looking Beyond the Anthropocene. Conf. ICT & Climate Change, Springer. Winter & Butler (2011). Creating bigger problems: Grand challenges as boundary objects and the legitimacy of the information systems field. Journal of Information Technology.
- <u>HR</u>: Schad & Smith (2019). Addressing Grand Challenges' Paradoxes: Leadership Skills to Manage Inconsistencies. *Journal of Leadership Studies*.
- ETP: Doh et al. (2019). Adapting to Grand Environmental Challenges Through Collective Entrepreneurship. *AMP*.

 Markman et al. (2019). E Pluribus Unum: Impact Entrepreneurship as a Solution to Grand Challenges. *AMP*.
- IB: Buckley et al. (2017). Towards a renaissance in international business research? Big questions, grand challenges, and the future of IB scholarship. *Journal of International Business Studies*.
- ECON: Sol J. (2019). Economics in the anthropocene: Species extinction or steady state economics. Ecological Economics.