

JEAN DANIELLOU

Born in 1990

Mail : jeandanielou@live.fr

Phone : +33763458497

Adress : 2, rue du Capitaine Marchal 75020 Paris, FRANCE

PROFILE AND CURRENT POSITIONS

I am a sociologist inquiring on how energy infrastructures shape territories, drive globalization and fuel capitalism. I have conducted extended field research in Asia (Philippines, China, India, Singapore), USA and Europe.

My first book, *Exiting the Fossil World* (2024), depicts how oil and gas companies are moving through the planet to capture natural resources, territorialize infrastructures and produce variegated forms of globalization. My second book, *Incorporated* (2025), draws connections between early globalization in the 17th century centered on resources such as sugar cane and contemporary capitalism producing ruins and toxic residues.

My practice is rooted in research-action: I have developed a reflexive practice, using my position inside the multinational energy company Engie to describe the corporate practices of the energy transition, and the growing political role infrastructure companies are playing. At Engie, I have held several positions since 2015, from research engineer to international business developer. Currently, I oversee public relations and stakeholders' management for the development of the new hydrogen pipelines (>1000km planned) in France.

Since 2024, I am a research associate at the Center for the Sociology of Innovation, École des Mines, Paris ([link](#)).

EDUCATION AND QUALIFICATION

2025 **QUALIFICATION IN SOCIOLOGY AND DEMOGRAPHY (SECTION 19)**
National Council of Universities

2017 – 2022 **MINES PARIS, PSL UNIVERSITY, CENTER FOR THE SOCIOLOGY OF INNOVATION**
Ph.D in Sociology

2012 – 2013 **PARIS 1 PANTHEON SORBONNE**
MSc in Philosophy

2010 – 2012 **SCIENCES PO PARIS – ECOLE URBAINE**
Master in Urban planning

2007 – 2010 **LAKANAL, PREPARATORY SCHOOL**
Bachelor in Philosophy & Literature

PROFESSIONAL EXPERIENCE

- 2025 – **NATRAN (FRENCH GAS TSO)**
Project director in charge of stakeholder management for H2 networks
- 2015 – 2025 **ENGIE**
(2021-2025) Research manager and business developer – Engie Lab CRIGEN
(2018-2020) International business developer for urban infrastructures – HQ
(2015-2017) Research engineer for energy access – Engie Lab CRIGEN
- 2014 – 2015 **PLAN URBANISME CONSTRUCTION ARCHITECTURE (PUCA) – MINISTRY OF ECOLOGY**
Project manager in charge of the Smart City seminar
Publication of 3 research reports and 2 papers in *Urbanisme*
Dedicated web page on PUCA website ([link](#))
- 2013 – 2015 **FRANCE CULTURE – LES NOUVEAUX CHEMINS DE LA CONNAISSANCE (PHILOSOPHY PROGRAMME)**
Collaborateur spécialisé ([link](#))

TEACHING

- 2024 – **ESSEC**
Chaire “Transition écologique” ([link](#))
Controversy mapping
- 2018 – 2022 **MINES PARIS**
Controversy mapping
- 2018 – 2020 **MINES PARIS**
Introduction to *Science and Technology Studies* (STS)

PUBLICATIONS

BOOKS

- (2025) DANIELOU Jean, *Incorporated. Frictions, Residues and Affects of Globalization*, Premier Parallèle (images by visual artist Clarisse Pillard)
- Review by Danielle Tartakowsky in *En attendant Nadeau* ([link](#))
 - Review by Julio Schumacher in *ETVDES* ([link](#))
- (2024) DANIELOU Jean, *Exiting the Fossil World*, Presses des Mines
- Open access ([link](#))

PH.D

- (2022) DANIELOU Jean, *Transitioning. Engie’s reterritorialization under global warming effect* ([link](#))

JOURNAL ARTICLES

- (2026) CHENENE Mohamed, ROUHIER Jeanne, DANIELOU Jean, SARKAR Mihir, CABRIO Elena,
« Stakeholder suite: A unified ai framework for mapping actors, topics and arguments in public

debates », *Proceedings of the 19th Conference of the European Chapter of the Association for Computational Linguistics* (Volume 3: System Demonstrations), 2026, pp. 1–20 ([link](#))

(2024) DANIELOU Jean, « Paving the way. The role of brokers in the territorialization of multinational corporations », *Revue d'anthropologie des connaissances*, vol.18, n°4 ([link](#))

(2023) LA PATIN Michaela, SPEARING Lauryn, TIEDMANN Helena, KAVVADA Olga, DANIELOU Jean & FAUST Kasey, « Controversy in Wind Energy Construction Projects : How Social Systems Impact Project Performance », *Energy Policy*, vol.176 ([link](#))

BOOK CHAPTERS

(2026), DANIELOU Jean, CHENENE Mohamed & MERLIN Julien, « How to manage controversies? Making an AI-based corporate technology, becoming a political player », in STEPHENS Keri & FAUST Kasey (eds) *The Handbook of Infrastructure Communication*, Wiley ([link](#))

(2023) RODIGHIERO Dario & DANIELOU Jean, « Weather Map. A Diachronic Visual Model for Controversy Mapping » in ARMASELU Florentina & FICKERS Andreas (eds), *Zoomland : Exploring Scale in Digital History and Humanities*, De Gruyter ([link](#))

OTHER PAPERS

(2026) DANIELOU Jean, « Hériter, une question pour le siècle », *Analyse Opinion Critique* (AOC) ([link](#))

(2025) DANIELOU Jean & RACHEBOEUF-ALLARD Sam, « Une question de style. A propos des relations entre littérature et sciences sociales », *Analyse Opinion Critique* (AOC) ([link](#))

(2024) DANIELOU Jean, « Ethnographier la mondialisation », *Analyse Opinion Critique* (AOC) ([link](#))

- Promotional video ([link](#))

BOOK REVIEW

(2014) DANIELOU Jean & MENARD François, « L'empire du réseau », Review of LOPEZ Fanny, *Le rêve d'une déconnexion*, La Villette, in *Métropolitiques* ([link](#))

COMMUNICATIONS

2026 : « Infrastructures florales, superstructures sentimentales », Face aux extractivismes, Paris, France ; « Speculative soundscapes : Populating the scene with more-than-human semiotics », Book Workshop: Other-than-Human Fieldwork Methods, From Multispecies to STS and Back, online ;

2025 : « A CO2-free remake of 20th century fossil fuel exploration », Valuing sustainability in techno-capitalism, STS HUB, Berlin, Germany ; « Climate change strategy in practice: desperately looking for examples », The Future of Strategizing and Organizing as Practice: Extensions and Connections, Organization Studies Workshop, Crete, Greece; « Comment passer à l'action ? », Université de Lausanne, Switzerland

2024 : « The constitution of a new energy resource. The case of natural hydrogen », Social studies of energy and the making and unmaking of energy resources, Copenhagen, Denmark; « Hydrogène naturel : la constitution d'une nouvelle ressource souterraine de transition », Mining the connections, Marrakech, Morocco ; « Anthropocène et entreprises », Leonard Institute, Paris ; « Managing controversies with artificial intelligence. The making of a machine reading device », Organizations, Artifacts and Practices Workshop, Paris, France.

2023 : « Être à l'écoute des territoires en transition. Enquête sur un projet de logiciel de gestion des controverses », CERAPS, Lille, France ; « En transition. Quand Engie se reterritorialise sous l'effet du réchauffement climatique », Institut Interdisciplinaire de l'Innovation (I3), Paris ; « Déterritorialisation et reterritorialisation d'une entreprise de l'énergie », RIODD, Lille, France ; « Cluster Polarisation in Controversy Mapping, or How Dimensionality Reduction Systematises Public Debates », Civica European Polarisation Observatory, online.

2022 : « A Framework to Measure the Cost of Controversy Surrounding Energy Construction Projects », Construction Research Congress, USA.

2021 : « Why do energy projects fail ? Understanding how different types of controversy impact construction projects », Annual Conference of the Canadian Society for Civil Engineering, Canada.

2019 : « Transitioning from fossil fuels to cities. The case of ENGIE business to territories strategy », R&D Management Conference, Paris ; « Quelle ville intelligente est possible ? », Ecole urbaine de Lyon, Lyon ; « Villes cyborg », Festival Building Beyond, Paris, France.

2018 : « Villes en transition », Université Toulouse Jean Jaurès, Toulouse ; « Construire un marché des territoires. Le cas de la stratégie d'ENGIE », Doctoriales : Institut Interdisciplinaire de l'Innovation (I3), Paris

SCIENTIFIC RESPONSIBILITIES

2025 – Reviewer for academic journals *Tracés*, *Valuation Studies*, *Futures*

2017 – 2023 Committee member, Cities and Digital Technologies Chair, Sciences Po ([link](#))

MEDIA REFERENCES

2026 – War in Iran

- Column « Guerre en Iran : « Cette crise doit être l'occasion d'un débat public sur nos infrastructures fossiles » » in **Le Monde** ([link](#))
- Interview « Blocage du détroit d'Ormuz : « Une infrastructure, c'est ce qui devient visible quand ça casse » » by Rémi Noyon in **Le Nouvel Obs** ([link](#)) and **420 ppm** ([link](#))