

## Nicolas LEPRETRE, Ph.D.

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**Associate Researcher at the Lyons Institute of East Asian Studies**

### EDUCATION

**2012–2016: Ph.D. in Political Science, under the supervision of Professor Yveline LECLER, French Grande Ecole “École Normale Supérieure de Lyon”**

- Thesis title: « Understanding the transformations of public action through smart grids’ implementation policies. The case of smart communities’ experiments in Japan ».
- Grant from the Japan Foundation (2014): “Fellowship Doctoral Candidate” (fieldwork from January to July 2014), host at the Institute of Social Science, University of Tokyo.

**2011–2012: French Grande Ecole “École Normale Supérieure of Lyon”, France**

Master Degree in Social Science, specialization in Contemporary Far-East Studies. Dissertation on “Kitakyūshū’s ecotown: initiatives and local environmental policies in Japan”, under the supervision of Professor Philippe PELLETIER.

**2007–2012: French Grande Ecole “Lyon Institute of Political Sciences”, France**

- Multidisciplinary formation in law, economy, history, sociology and political sciences.
- Master degree in Political Science, specialization in Contemporary Far-East studies (2012)
- University degree on Contemporary Far-East: history, economy, society, development and political evolution studies in East Asia (2007 – 2009).

**2012: Fukuoka University, Japan**

One semester exchange program (april – july) to study japanese language and to carry on field studies on Kitakyūshū’s ecotown.

**2009–2010: Chūō University of Tokyo, Japan**

During a one year exchange program, studies of Japanese language, teaching French language to Japanese students, writing a dissertation on the urban revitalization in Tokyo.

### PUBLICATIONS

#### Peer-reviewed articles

*(forthcoming)* « Un « modèle national » de ville intelligente ? Le rôle de l’État dans la mise en œuvre de smart communities au Japon » (*A ‘national model’ of smart city? The role of the State in the implementation of smart communities in Japan*), *Flux*.

(2016) with LANGUILLON-AUSSEL R. and GRANIER B. « La stratégie de la « smart city » au Japon : expérimentations nationales et circulations globales » (*The Japanese smart city strategy: national experimentations and global circulation*), *EchoGéo*, 36, available at: <http://echogeo.revues.org/14598>.

### Research report

(2015) with FAIVRE D'ARCIER B., LECLER Y. and GRANIER B., *Des éco-quartiers aux « smart cities » : quel rôle pour l'électro-mobilité ? Une comparaison France-Japon*. (From eco-districts to 'smart cities': which role for electromobility? A comparison between France and Japan). SMARTMOB report, Lyon, available at: <https://halshs.archives-ouvertes.fr/halshs-01382640>

### Non peer-reviewed articles

(2016) « Les politiques énergétiques japonaises face aux enjeux environnementaux et aux changements technologiques » (*Japanese energy policies facing environmental issues and technological changes*), *Japan Analysis – La Lettre du Japon*, n°39, April, pp.3-11.

(2015) « Quelle action publique pour la mise en œuvre de réseaux électriques « intelligents » ? Une analyse comparée des expérimentations de Smart Communities au Japon » (*Which public policies to implement « smart grids »? A compared analysis of smart communities' experimentations in Japan*). Communication at the Congress of the French Association of Political Science, Aix-en-Provence, June 22<sup>th</sup>-24<sup>th</sup> : <https://hal.archives-ouvertes.fr/hal-01443976>.

(2013) with GRANIER B., “La politique climatique du Parti Démocrate du Japon, une rupture par rapport au Parti Libéral Démocrate ? (*DPJ's climate change policy, a breach from the LPD?*)”, in *Perspectives Internationales*, published in March 8, 2013: <http://perspectivesinternationales.com/?p=723>

(2012) « La “ville écologique” de Kitakyūshū : initiatives et politiques environnementales au Japon » (*Kitakyūshū's “ecotown”: initiatives and environmental policies in Japan*), Master degree thesis at Sciences Po Lyon under the supervision of Professor Philippe Pelletier.

### Book review

Book review on Bruce Gilley's « *The Nature of Asian Studies* », (2014), in *Revue Française de Science Politique* (submitted in may 2015)

Book review on Francis Deron's « *Le procès des Khmers rouges : trente ans d'enquête sur le génocide cambodgien* (*The Khmers rouges' trial : thirty years' investigation on the Cambodian genocide*) », Gallimard, Paris, 2009. Published on November 21<sup>st</sup>, 2011: <http://indomemoires.hypotheses.org/372>

### Interviews

(2015) « Japan, a Pioneer of smart grids », *SmartGrids-cre.fr*, Commission de Régulation de l'Energie, September 22<sup>nd</sup>, available at: <http://www.smartgrids-cre.fr/index.php?p=japon-institut-asie-orientale>

(2014) « La ville durable vue du Japon » (*The sustainable city in Japan*). Interview with Benoit Granier and Nicolas Leprêtre, Millénaire3 (M3) Société urbaine et Action publique, n°7, Spring-Summer 2014, p.78-79.

## COMMUNICATIONS

### Communications at national and international congress

- (2017) with GRANIER B. Gouverner la consommation d'énergie par la donnée. La ville comme terrain d'expérimentation de l'action publique (*Governing energy consumption through data. The city as an experimentation field of public action*). AFSP Congress, Montpellier, July 11<sup>th</sup>.
- (2017) La conduite de politiques énergétiques urbaines au sein d'un Etat développeur. Le cas du Japon (*The implementation of urban energy policies within a developmental state. The case of Japan*). Asia-Pacific Congress, Paris, June 27<sup>th</sup>.
- (2017) Les apports de la notion de « méta-gouvernance » dans l'analyse du rôle de l'État au sein des politiques énergétiques (*The contribution of the notion of 'meta-governance' to the analysis of the role of the State in energy policies*). ABSP Congress, Mons (Belgium), April 2<sup>nd</sup>.
- (2017) Le rôle des municipalités dans la mise en œuvre de politiques énergétiques locales : l'exemple des démonstrateurs de « smart communities » au Japon (*The role of municipalities in the implementation of local energy policies : the case of smart communities demonstration projects in Japan*). International congress « Knowledge, governance, and Objectives of the Sustainable City in Asia », Lille, January 12-13<sup>th</sup>.
- (2016) *From smart-grid to smart campus: the French new action plan*. International Symposium on Smart Campus, Tsu, Japon, May 10<sup>th</sup>.
- (2015) “*The governance of smart communities’ demonstration projects in Japan: Case studies in Yokohama, Kyoto and Kitakyushu*”. Communication at the colloquium “Experimenting Smart Communities in Europe and Japan”, Lyon, September 16th-17th September.
- (2015) “Gouverner les démonstrateurs de “ville intelligente” au Japon” (*Governing smart cities’ demonstration projects in Japan*). Communication at the Fifth International Congress of Asian and the Pacific Studies, Paris, September 9<sup>th</sup>-11<sup>th</sup>.
- (2015) « Les expérimentations de réseaux électriques intelligents entre territorialisation et stratégies internationales. Le cas des smart communities japonaises » (*Smart grids’ experimentations between territorialisation and international strategies. The case of smart communities in Japan*). Communication at the Second International Days of the Sociology of Energy, Tours, July 1<sup>st</sup>-3<sup>rd</sup>.
- (2015) with LECLER Y. and GRANIER B. « Expérimenter les systèmes énergétiques de demain: les « Smart Communities » japonaises » (*Experimenting Next Generation Energy System: Smart Communities in Japan*). Communication at the Social Science and Energy Transition symposium, Grenoble, May 28<sup>th</sup>-29<sup>th</sup>.
- (2014) “*Governing the ‘smart communities’ in Japan: assessing the impact of public-private collaboration on technologies’ implementation*”. Communication at the *European Association of Japanese Studies Congress*, Ljubljana, 27–30 August, 2014.

### Communications at French and international seminars and workshops

- (2017) Comprendre la « ville intelligente » par ses technologies. Les défis de l'introduction de smart grids par les firmes japonaises (*Understanding the ‘smart city’ through its technologies. Japanese firms facing the introduction of smart grids*). ‘Energy transition in France’ Seminar, Paris, March 30<sup>th</sup>.
- (2016) L'émergence des "villes intelligentes" au Japon : vers des reconfigurations de l'action publique ? (*The rise of ‘smart communities’ in Japan: toward changes in public action?*). Energy seminar: economy, climate and solidarity, Sciences Po – CERI and EDF R&D, Paris, June 10<sup>th</sup>.

- (2016) with GRANIER B. Expérimenter les réseaux électriques intelligents au Japon : enjeux de gouvernance et de changement des comportements. (« *Experimenting smart grids in Japan: governance and behavior change* »). Japan Research Center Seminar, Paris, April 7<sup>th</sup>.
- (2015) Les politiques énergétiques face aux changements technologiques. Le cas des réseaux électriques « intelligents » au Japon (*Energy policies facing technological changes. The case of 'smart grids' in Japan*). 4th Doctoral Japanese Studies Workshop of the SFEJ, Paris, December 11<sup>th</sup>.
- (2015) “*The role of municipalities in the implementation of 'smart technologies': the case of smart communities in Japan*”. Communication at the workshop “Cities in Energy Transition: comparative analysis of policies/strategies in Europe and Asia”, Lyon, September 19<sup>th</sup>.
- (2015) with GRANIER B. « Modifier les comportements individuels ou reconfigurer les pratiques sociales ? Succès et angles morts d’expériences japonaises » (*Changing individual behavior or reframing social practices? Success and blind spots on japanese experimentations*). Communication at Imu Alpha’s workshop « Interdisciplinarity and energy use in the residential sector », Lyon, April 29<sup>th</sup>.
- (2015) « Défis énergétiques et politiques d’innovation au Japon. Gestion de projets, acteurs, enjeux » (*Energy challenges and innovation policies in Japan. Projects’ management, actors, stakes*). Communication at the research seminar of geopolitics at the Ecole Centrale de Paris, Châtenay-Malabry, April 2<sup>nd</sup>.
- (2015) with GRANIER B. « Obtenir et réaliser des entretiens avec les acteurs haut-placés d’une politique publique au Japon. Expériences de terrain d’une recherche sur les villes intelligentes japonaises en 2014 » (*Reaching and conducting interviews with high-ranked actors of a public policy in Japan. Experiences of a fieldwork on smart cities in Japan in 2014*). Communication at the workshop « The fieldwork in the study of Asia : feedback and research strategy » Lyon, March 30<sup>th</sup>-31<sup>th</sup>.
- (2014) 日本におけるスマート技術の実証：スマートコミュニティに関して初期の枠組 *nihon ni okeru sumāto gijutsu no jisshō: sumāto komyunitei ni kanshite shoki no wakugumi* (*Experimenting the introduction of 'smart technologies' in Japan: a preliminary framework through the case of 'Smart Communities'*). Communication at the research seminar of Ritsumeikan University, Kyoto, Japan, April 3<sup>rd</sup>, 2014.
- (2013) ‘Reduce, Reuse, Recycle’: representations and new local practices of waste management in Kitakyushu’s “ecotown””. Communication at the 12th EastAsiaNet Research Workshop, Lyon, 17-19 October 2013.

## TEACHING EXPERIENCE AND OTHER ACADEMIC ACTIVITIES

### Teaching experience

#### **2015-2017: International Political Sociology**

Sciences Po Lyon, Master degree level

#### **2015-20167: Economy of Japan and Asian regional integration**

Sciences Po Lyon, Undergraduate level

#### **2015-2017: Cross-cultural management and negotiation with Japanese firms**

Sciences Po Lyon, Master degree level

#### **2015-2017: Japanese firms’ strategies**

Sciences Po Lyon, Master degree level

**2012-2015: Introduction to International Relations theories**

Ecole Normale Supérieure de Lyon, Master degree level

**2013-2014: Introduction to Political Science**

Ecole Normale Supérieure de Lyon, Undergraduate level

**2012-2015: Courses to prepare the nationwide exams to the « Grandes Ecoles » in Political Science**

Ecole Normale Supérieure de Lyon, Undergraduate level

**2013-2015: Area Studies (Asia)**

Ecole Normale Supérieure de Lyon, Undergraduate level

### Research projects

**2013-2015:** “Cities in Energy Transition: comparative analysis of the production and legitimization of energy policies in Europe and Japan”, funded by Sciences Po Lyon.

**2013-2015:** Member of the research project SMARTMOB funded by the ADEME.

<b>LANGUAGES</b>
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**French :** Mother tongue.

**English :** Academic level.

**Japanese :** Academic level. Lived two years in Japan.