

**Dr Antoine DECOVILLE**

## **Research Profile**

My research profile is characterized by the production of expertise in the field of spatial planning for political actors at local, national and European levels. I have been responsible for the drafting of numerous reports on cross-border cooperation, territorial cohesion, land use and urban policy. My scientific publications attempt to contribute to the academic debate in these fields by mobilizing the knowledge gained through these concrete experiences of decision-making support. I am particularly interested today in the way in which the European integration and its jolts impact concretely space as well as the daily life in border regions. I am also interested in the relationship between the political and scientific spheres in the field of spatial planning, and I am striving, as a producer of evaluation and monitoring indicators on behalf of politicians, to recall the limitations of such tools and the importance of maintaining a systemic approach in defining strategic objectives.

I received in 2017 the full accreditation to supervise research from the University of Luxembourg.

## **Research fellow**

LISER (former CEPS/INSTEAD)  
Research Unit Urban Development and Mobility  
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## **EDUCATION**

- 2006      **PhD in Geography**, University Louis Pasteur, Strasbourg  
Dissertation: *La forêt, frontière de la ville ? Mise en perspective de deux villes rhénanes: Strasbourg et Karlsruhe* [Forest as the border of the city? comparative study of two Rhine cities: Strasbourg and Karlsruhe] (Prof. J-L. Piermay)
- 2002      Master in Spatial Planning, University Louis Pasteur, Strasbourg
- 2000      Bachelor in Human Geography, University Louis Pasteur, Strasbourg

## **PROFESSIONAL EXPERIENCE**

- Since 2014    **Head of the “Urban Development” Team**  
Research Unit Urban Development and Mobility, CEPS/INSTEAD, Luxembourg
- Since 2007    **Research fellow**  
Research Unit Geography & Development, CEPS/INSTEAD, Luxembourg
- 2005-2006    **Research and teaching assistant**  
Institute of Geography, University Louis Pasteur, Strasbourg

## MOST RELEVANT PUBLICATIONS

### *Referred journals*

**Decoville A.** & Durand F., (to be published in 2018) Exploring cross-border integration in Europe: how do populations cross borders and perceive their neighbours ? *European Urban and Regional Studies*.

Durand F., **Decoville**, A. & Knippschild, R. 2017. Everything All Right at the Internal EU Borders? The Ambivalent Effects of Cross-Border Integration and the Rise of Euroscepticism. *Geopolitics*, , pp. 1-22.

**Decoville**, A. 2017, "Use and Misuse of Indicators in Spatial Planning: The Example of Land Take", *Planning Practice and Research*, , pp. 1-16.

**Decoville A**, Durand F. 2017, „Challenges and Obstacles in the Production of Cross-Border Territorial Strategies: The Example of the Greater Region“. *Transactions of the association of European Schools of Planning*. 1(1): DOI: 10.24306/TrAESOP.2017.01.005

**Decoville A.**, Durand F. 2016, "Building a cross-border territorial strategy between four countries: wishful thinking?" *European Planning Studies*.  
Doi:10.1080/09654313.2016.1195796

**Decoville A.**, Schneider M. 2015, "Can the 2050 zero-land take objective of the EU be reliably monitored" ? A comparative study. *Journal of Land Use Science*.  
Doi :10.1080/1747423X.2014.994567

Lamour C, **Decoville A.**, 2014 Vers une territorialité métropolitaine transfrontalière hybride ? ", *Métropoles* [En ligne], 14 | 2014, URL : <http://metropoles.revues.org/4914>

**Decoville A.**, Klein O., 2014, The limits of Polycentrism at the city-regional scale : The case of Luxembourg. *European Journal of Spatial Development*. Refereed article No. 54, February, URL: <http://www.nordregio.se/Global/EJSD/Refereed/articles/refereed54.pdf>

Dörry S., **Decoville A.**, 2013. "Governance and transportation policy networks in the cross-border metropolitan region of Luxembourg. A social analysis", *European Urban and Regional Studies* (first published online on July 29, 2013).

**Decoville A.**, Durand F., Sohn C, Walther O.; 2013, « Comparing cross-border metropolitan integration in Europe », *Journal of Borderland Studies*, Vol. 28, n°2, 221-237.

**Decoville A.** 2008, « Métropolisation et résistance des territoires : l'exemple luxembourgeois », *L'espace politique*, 4, pp. 53-68. <http://www.espacepolitique.org>

**Decoville A.**, Pouget C. 2008, « Connaître les terrains potentiellement disponibles pour l'habitat afin de maîtriser le développement urbain, L'exemple du Luxembourg », *Etudes foncières*, Vol. 13, pp. 37- 40.

**Decoville A.**, 2007, « La forêt périurbaine, une nature reconstruite par la ville ? L'exemple de la chasse à Strasbourg et à Karlsruhe », *l'Espace Géographique*, Vol. 4, pp. 366-375.

## **Book chapters**

- Durand F. & **Decoville A.**, (forthcoming) Chapter 12 - Establishing Cross-Border Spatial Planning, in Medeiros E. (ed.) *European Territorial Cooperation, The Urban Book Series*, Springer.
- Decoville A.**, Durand F., Sohn C., Walther O., 2014 *Approche comparée de l'intégration métropolitaine transfrontalière en Europe* », [Compared approach of cross-border metropolitan integration in Europe], in « *Vivre et penser la coopération transfrontalière (Volume 6) : Vers une cohésion territoriale ?* », Franz Steiner Verlag, pp.175-194.
- Frémont M., **Decoville A.**, Klein O., 2014, « L'accessibilité aux établissements hospitaliers : un enjeu de cohésion territoriale » [The accessibility to hospitals : An issue of social cohesion] ? in CEPS/INSTEAD, *Cohésion sociale et territoriale : Regards croisés sur la société luxembourgeoise*, pp.237-247.
- Decoville A.**, 2012« The challenges of the spatial development policy in Luxembourg », Luxembourg: an emerging cross-border metropolitan region, in Peter Lang, 249-263.
- Decoville A.**, Sohn, 2012 « Mapping the structuring of a cross-border metropolis. The functional urban region of Luxembourg », in Sohn (eds.), *Luxembourg: an emerging cross- border metropolitan region*, Peter Lang, pp. 119-139.
- Decoville A.** 2008, « Une politique d'aménagement pour ménager le territoire », *Atlas du Luxembourg*, Emons, Cologne, pp. 90-91.
- Decoville A.**, 2004, « La gestion forestière à l'épreuve des changements urbains, étude sur les exemples périurbains de Strasbourg et Karlsruhe », [Forest management confronted to urban changes, comparative study based on the examples of Strasbourg and Karlsruhe] in the in Scarwell H.J., Franchomme M., *Contraintes environnementales et gouvernances des territoires*, La Tour d'Aigues, l'Aube Nord, pp. 120-127.

## **Book**

- Decoville A.**, 2011, *La forêt, frontière de la ville ? Mise en perspective de deux villes rhénanes : Strasbourg et Karlsruhe*. [Forest as the border of the city: comparative study of two Rhine cities: Strasbourg and Karlsruhe] Editions universitaires européennes, Saarbrücken, 580 p.

## **Reports for national and international organizations**

- Heinz A., Dahmen C., Feltgen V., **Decoville A.**, Bousch P. 2017. Sozialbericht Esch sur Alzette. [Social report on the city of Esch-sur-Alzette].
- Decoville A.**, Feltgen V., Raimbault N. 2017 *La friche d'Esch-Schiffange. Etude de faisabilité concernant la reconversion du site*. [The Brownfield reconversion of Esch-Schiffange. Feasibility study]. Report realized on behalf of the society AGORA., 109p.
- Decoville A.**, Feltgen V., Bousch P. 2016. *Indicateurs relatifs aux actions des parcs naturels*. [Indicators related to the actions realized by the natural parks] Report realized on behalf on behalf of the Department for Spatial planning, Ministry for sustainable development and Infrastructures in Luxembourg, 40p.
- Decoville, A.** Durand F. Feltgen V., 2015. *Opportunities of cross- border cooperation between small and medium cities in Europe*. Report realized on behalf of the Department for Spatial planning, Ministry for sustainable development and

Infrastructures in Luxembourg in the frame of the Luxembourg, Italian and Latvian EU Trio Presidency. 55 pages.

**Decoville, A.** Durand F. Köppen B., 2014. Etude préparatoire à l'élaboration du volet économique du schéma de développement territorial de la Grande Région, [Preliminary study for the economic part of the spatial development schema of the Greater Region] Report for the coordination committee for spatial development of the Greater Region, 100p.

Sohn C., Durand F., **Decoville A.** & Lamour C., 2014, Dynamiques socio-spatiales du réseau de villes Tonicités [Socio-spatial Dynamics of the network of cities "Tonicités"]. Report for the Réseau Tonicités, pp. 57.

**Decoville, A.** Durand F., Hesse M. 2013. Document stratégique pour une politique urbaine au Luxembourg [Strategic document for an urban policy in Luxembourg]. Report for the Ministry for sustainable development and infrastructure, 50p.

**Decoville A.** Feltgen V, 2013. *La cohésion territoriale au Luxembourg : quels enjeux ?* [Social cohesion in Luxembourg: what issues?], Report for the Ministry for Spatial Planning, Luxembourg, 71 p.

**Decoville A.**, 2012. Définition de seuils maximum de consommation du sol au Grand-duché de Luxembourg entre 2014 et 2020 [Definition of thresholds for land take in Luxembourg between 2014 and 2020]. Report for the Department of Environment of the Ministry for sustainable development and infrastructure. 42p.

**Decoville A.** Feltgen V., 2012, *La centralité urbaine au Luxembourg: analyse et perspective*, [Urban centrality in Luxembourg: analysis and perspective], Report for the Ministry for Spatial Planning, Luxembourg, 92p.

ESPON – Chilla T., Evrard E., Schulz C., **Decoville A.**, Durand F., Sohn C., Walther O., Perlik M., Peeters D. & Vandermotten C., 2010, METROBORDER - Cross-border Polycentric Metropolitan Regions, Final Report, ESPON & University of Luxembourg, pp. 202.

**Decoville A.**, 2010, *Dynamiques de développement démographique et enjeux en matière d'aménagement du territoire* [Dynamic of demographic growth and challenges for spatial planning], Report for the Ministry of Interior and for the Greater Region, Luxembourg, 60p.

Hild P., Schmitt B., **Decoville A.**, Mey M., and Welfring J., 2009, *The Ecological Footprint of Luxembourg - Scoping study*, Luxembourg, 65p.

**Decoville A.**, Sohn C., Bousch P., 2008, *Suivi du développement territorial du Luxembourg à la lumière des objectifs de l'IVL*, [Monitoring of spatial development in Luxembourg with regards to the objectives defined in the IVL document], Report for the Ministry for Spatial Planning, Luxembourg, 49 p.

#### **Other publications:**

**Decoville A.**, 2013, «Pourquoi se doter de principes d'aménagement du territoire ? » [Why having spatial planning principles?] Entreprises magazine, vol.58, pp. 33-34.

Dörry S., **Decoville A.**, 2012, « Transportation policy networks in cross-border regions. First results from a social network analysis in Luxembourg and the Greater Region »; *CEPS/INSTEAD Working Papers* available online at <http://www.ceps.lu/pdf/6/art1851.pdf>

**Decoville A.**, Durand F., Sohn C, Walther O., 2010, « Spatial Integration in European Cross- border metropolitan regions: a comparative approach », *CEPS/INSTEAD Working Papers*, available on line at <http://www.ceps.lu/pdf/6/art1593.pdf>

**Decoville A.**, Sohn C., 2010, « Cartographie de l'expansion de l'aire métropolitaine transfrontalière de Luxembourg » [Mapping the expansion of the cross-border metropolitan region of Luxembourg], *Les cahiers GEODE du CEPS/INSTEAD*, 24 p.

## **PAST AND ONGOING RESEARCH/APPLIED PROJECTS**

The Brownfield reconversion of Esch-Schifflange. 2017. Feasibility study. **Principal Investigator**. Budget 80 K€

Observatory for spatial development - 2008-2015, **Principal Investigator**. Funded by the Ministry for Sustainable Development of Infrastructure.  
[http://www.dat.public.lu/strategies\\_territoriales/Observatoire-du-developpement-spatial/index.html](http://www.dat.public.lu/strategies_territoriales/Observatoire-du-developpement-spatial/index.html). Budget: 100K€/year

Housing observatory – 2008-2015. Funded by the Ministry for Housing.

Preliminary study for elaboration of the economic part of the spatial development scheme of the greater region- 2014. **Principal investigator**. Funded by the coordination comity for spatial development within the Greater Region. Budget 55 K€

Socio-spatial dynamics of the cross-border cities network Tonicités. Funded by the City of Luxembourg. (2014). **Active member of the research consortium**. Budget: 40 K€.

Metronet - Cross-border metropolitan governance in Europe, 2010-2012, funded by the National Research Fund of Luxembourg. **Active member of the research consortium** . FNR

Land take and soil sealing dynamics in Luxembourg. 2012. **Principal Investigator**. Funded by the Department for Environment, Ministry for Sustainable Development of Infrastructure. 20 K€.

Metroborder - Cross-border polycentric metropolitan regions, 2009-2011, funded by the EU Spatial Planning Observation Network . **Active member of the research consortium** ESPON 50 K€ (for LISER only).

Metrolux - Metropolisation and urban governance in Luxembourg and cross-border areas, 2007-2009. **Active member of the research consortium**. funded by the National Research Fund of Luxembourg 600 K€

National emergency plan - 2010-2011, **Principal investigator**. Funded by the Ministry of Interior and for the Greater Region. Budget: 155 K€

## **CONFERENCES**

**Decoville A.** 2017. The ambivalent effects of cross-border integration on space and the need for transnational planning strategies. the example of the greater region. AESOP International Conference, Lisbon (Portugal).

**Decoville A.** 2017. Beyond the normative approach of cross-border integration: How do the populations cross borders and perceive their neighbors in Europe? Association of Borderland Studies Conference, San Francisco (USA).

**Decoville A.**, Klein O., 2016. The Belval project: towards more polycentrism in Luxembourg ? IGC International Conference, Beijing (China).

**Decoville A.**, 2015. The European objective of "zero land take" by 2050 and the tricky issue of its monitoring. IGU Regional Conference, Moscow (Russia).

**Decoville A.**, Durand, 2015. Building a cross-border spatial strategy between four countries: a wishful thinking? AESOP International conference, Prague (Czech Republic).

**Decoville A.**, 2014. Cross-border urban development and the issue of urban resilience: the case of Luxembourg and its neighboring regions. Borders at the Interface. Ben Gurion University of the Negev, Beer Sheva (Israel).

**Decoville A.**, 2014. Towards a functional specialization of urban development in the cross-border metropolitan region of Luxembourg? ABS World Conference. Joensuu (Finland)/St Petersburg (Russia).

Dörry Sabine, **Decoville A.** 2013 Policy-Netzwerke im Harmonisierungsprozess grenzüberschreitender Wirtschaftsräume: Das Beispiel ,Luxemburg und die Großregion. Rauschholzhausener Symposium zur Wirtschaftsgeographie, Rauschholzhausen. (Germany)

**Decoville A.** 2013. Is the polycentric spatial strategy relevant at a city-region scale ? Analysis of the case-study of Luxembourg. AAG Annual meeting. Los Angeles (USA)

Dörry S., **Decoville A.** 2012. Transportation policy networks and governance in cross-border metropolitan regions: A social network analysis in Luxembourg and the Greater Region. RSA European Conference 2012. Delft (The Netherlands)

**Decoville A.** 2011. Towards a regulation of the spatial development of an emerging metropolis: the Luxembourgish urban planning policy and its dilemmas. AAG Annual meeting. Seattle (USA)

Walther O., Sohn C., **Decoville A.** 2010. Spatial integration in European cross-border metropolitan regions. Association for Borderlands Studies (ABS). Veria (Greece).

**Decoville A.** 2010. The functional integration process in European cross-border metropolitan regions. Results from a project based on eleven case studies. AAG Annual meeting. Washington (USA).

**Decoville A.** Sohn C. 2009. From barrier to interface: the cross-border metropolitan integration process in Europe. AAG Annual meeting. Las Vegas (USA)

## **HEARINGS FOR NATIONAL AND INTERNATIONAL INSTITUTIONS**

**Decoville A.** 07/2016. Presentation to the Minister of Environment of the Report entitled "Assessment indicators for the actions undertaken by the Natural parks."

**Decoville A.** 09/ 2015. Presentation to the Urban Development Group of the European Union of the LISER Report entitled "Opportunities of cross-border cooperation between small and medium cities in Europe" in the frame of the Council of the EU Trio presidency.

**Decoville A.** 07/2015. Keynote speaker of the conference "Potential of small and medium cities in cross-border polycentric regions", organized in the frame of the Council of the EU Trio presidency.

**Decoville A.** 04/2014. Hearing at the sustainable development parliamentary commission and presentation of the report on territorial cohesion in Luxembourg.

**Decoville A.** 03/2012. Presentation, with the Minister responsible for sustainable development and infrastructure, of the reports on *Urban centrality in Luxembourg: analysis and perspective* and *Dynamic of demographic growth and challenges for spatial planning*.

## **MEMBERSHIPS**

**Since 2014:** Member of the Higher council for spatial planning in Luxembourg (<http://www.amenagement-territoire.public.lu/fr/departement/organisation/csat.html>)

**Since 2012:** Member of the Association for borderlands studies (ABS)

**Since 2017 :** Member of the Association of European Schools of Planning (AESOP)

## **TEACHINGS**

University of Metz, University of Luxembourg, 2011-present.

## **AWARDS**

Nominated in the final competition for the best paper at the AESOP international Conference in Prague with Frédéric Durand for the paper entitled: "Building a cross-border spatial planning strategy between four countries: wishful thinking?"

[http://www.aesop-planning.eu/awards/en\\_GB/2015/07/18/readabout/aesop-best-conference-paper-2015](http://www.aesop-planning.eu/awards/en_GB/2015/07/18/readabout/aesop-best-conference-paper-2015)

## **REVIEWER FOR**

Competitive funding projects:

Agence nationale de la recherche (France)  
Deutsche Forschungsgemeinschaft (Germany)

Journals :

Land Use policy  
European Planning Studies  
Journal of Environmental Planning and Management  
European Journal of Spatial Development  
Espace populations et sociétés