



ERASMUS UNIVERSITEIT ROTTERDAM

Erasmus University Rotterdam, the Netherlands
CSC PhD 2015 Project Description

School/Department:	Erasmus Graduate School of Social Sciences and Humanities Woudestein Campus, Burg. Oudlaan 50, P.O. Box 1738, 3000 DR Rotterdam The Netherlands
Project Title:	Big Data for Urban Innovation: the open data challenge for urban government This is a project in the e-URBAN graduate programme about urban big data of Erasmus University Rotterdam
Abstract:	<p>Big data' has been identified by a range of public and private actors as holding the key to economic growth, improved health care, better customer services, enhanced community engagement, higher quality of infrastructure and diverse other social and economic benefits. Cities, in particular, are seen as places where such data can come to its full and most advantageous usage, and – hence - across the globe 'smart cities' are emerging. Using sensor data of traffic flows, energy usage or weather conditions, the promise of such smart cities is - first - the bespoke and efficient management of the urban infrastructure, which is under continuous pressure to still increasing migration from rural to urban areas. Second, across the globe urban governments are opening up their own public data sets about, for instance, school inspection results, noise complaints, rat sightings, sports facilities and other quality of life indicators,. The city of New York, for instance, has recently opened more than 1100 data sets for everyone to access and use (https://data.cityofnewyork.us/data). Rotterdam, in comparison, currently offers 178 data sets to its citizens (http://rotterdamopendata.nl/dataset). Third, the inhabitants of cities produce a daily bulk of social media data through which they appreciate or criticize not only city government, but also the wealth of urban offer of leisure, commerce, events or culture. Likewise, health data are part of the urban data ecology as well, not only because health and medical centers are crucially located in cities, but also because cities have specific health issues.</p> <p>Open government data The open data movement has touched local governments as well; various cities have set open data websites for their citizens to access</p>

Erasmus University Rotterdam, the Netherlands
CSC PhD 2015 Project Description

	<p>and use. In this project we will make an inventory of these urban open data initiatives, analyse and compare which kinds of data are put online. This will produce a picture of the underlying ideologies about citizen empowerment resulting from the use of open data. We will contrast these analyses with the official government policies and the interests of a variety of urban stakeholders. This will produce both the identification of best practices with respect to open urban data, and an analysis of the diverging political discourses that shape them. In the project we use a variety of methodologies, including document analysis, expert and stakeholder surveys and user studies.</p>
Requirements of candidate:	<p>Background: Social Sciences, Humanities or (equivalent of) Social Informatics</p> <p>Master degree: Yes IELTS Grade: 7.0 (<i>minimal 6.0 per component</i>) or TOEFL: 100 (<i>minimal 20 per component</i>)</p>
Supervisor information:	<p>Prof. Dr. Liesbet van Zoonen Email: vanzoonen@fsw.eur.nl http://www.egs3h.eur.nl/people/liesbeth-van-zoonen/ http://liesbetvanzoonen.wordpress.com</p> <p>Professor Van Zoonen leads the e-URBAN graduate programme, and is a distinguished international scholar in the social sciences. She has supervised over 20 PhD students and has a 90 % success rate. Her graduates have acquired influential university and corporate positions. Her expertise is in the wide field of cultural studies and political science. She is a much appreciated international speaker and government consultant. Students have assessed her as an energetic and inspiring teacher, who is able to set clear guidelines and make realistic work plans. She uses both quantitative and qualitative methodologies.</p> <p>Co-supervisor Dr. Jeroen van der Waal http://www.jeroenvanderwaal.com/home/2</p> <p>Jereon van der Waal is an award winning sociologist and associate professor at Erasmus University Rotterdam. His research is predominantly located in the fields of political sociology and urban</p>



ERASMUS UNIVERSITEIT ROTTERDAM

Erasmus University Rotterdam, the Netherlands
CSC PhD 2015 Project Description

	<p>sociology. He has conducted comparative urban research and is specialized in survey methods. His teaching and supervision is consistently highly evaluated.</p> <p>The e-URBAN programme is part of the Erasmus Graduate School of Social Sciences and Humanities, which offers its students a full package of courses aimed at substantial, methodological and professional skills, and offers bespoke process supervision and support.</p> <p><u>Selection of publications</u></p> <p>Hirzalla, F., Van Zoonen, L. & J. de Ridder. 2011. "Internet Use and Political Participation: Reflections on the Mobilization/Normalization Controversy" <i>The Information Society</i>, Vol. 27, no. 1, pp.1-15.</p> <p>Hirzalla, F. & Van Zoonen, L. 2010. "Affective Political Marketing Online: Emotionality in the Youth Sites of Greenpeace and WWF", <i>International Journal of Learning and Media</i> vol. 2, no. 1, pp. 39-54.</p> <p>Kreek, M. de & L. van Zoonen (2013). Mapping an emerging field: local memory websites. Proceedings of the Community Informatics Research Network Conference, Prato, Italy. http://ccnr.infotech.monash.edu/conferences-workshops/prato2013papers.html</p> <p>Van Zoonen, L., Turner, G. & J. Harvey (2014). Confusion, control and comfort: premediating identity management in film and television. <i>Information, Communication and Society</i>, online first: http://dx.doi.org/10.1080/1369118X.2013.870592.</p> <p>Van Zoonen, L. (2013). From identity to identification: Fixating the fragmented self. <i>Media, Culture and Society</i> 35(1), p. 44-51</p> <p>Van Zoonen, L., Vis, F., & Mihelj, S. 2011, "YouTube interactions between agonism, antagonism and dialogue: Video responses to the anti-Islam film Fitna", <i>New Media and Society</i>, first published online June 16. doi:10.1177/1461444811405020. PDF</p>
--	--



Erasmus University Rotterdam, the Netherlands
CSC PhD 2015 Project Description

	Van Zoonen, L. 2002, "Gendering the internet. Claims, controversies and cultures", <i>European Journal of Communication</i> , vol. 17, no. 1, pp. 5-23.
--	---