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**Projekttitel (svenska)\***

Gräsrotsmotstånd tacklar klimatförändring, miljöproblem- och fattigdom i återvinnande nätverk.

**Projekttitel (engelska)\***

Recycling networks. Grassroots resilience tackling climate, environmental and poverty challenges

**Abstract (engelska)\***

Millions of informal waste pickers collect household waste daily in cities around the globe to earn a living. In doing so, they make a significant contribution to reducing the carbon footprint of cities, recovering resources, improving environmental conditions and health of low-income residents, creating jobs and income among the poor. This project aims at examining the challenges that innovative grassroots initiatives and networks encounter and the livelihood practices they generate, to improve recycling and household waste management in informal settlements of global South cities. The project's methodology is inspired by participatory action research through a combination of a) a multiple case study on waste picker initiatives in Managua (Nicaragua), Dar es Salaam (Tanzania), Buenos Aires (Argentina) and São Paulo (Brazil) and Kisumu (Kenya) based on interviews, observations, workshops and document analysis b) joint knowledge co- production with regional and global waste picker networks performing as knowledge hubs for the project c) an in-depth case study of the City of Kisumu, where the learnings from the multi-case studies will be integrated and d) international joint research and waste picker seminars to co-produce knowledge to conceptualize solution to the challenges. Theoretically, the project will also contribute to applying and expanding a combination of theories of socio-environmental and institutional entrepreneurship with resilience theories.

**Populärvetenskaplig beskrivning (svenska)\***

Avfall samlas och hanteras dagligen av miljontals informella avfallsarbetare –sopletare – i städer runt jorden. Med sitt arbete bidrar de avsevärt till att minska städernas miljöavtryck, återvinner resurser, förbättrar levnads- och hälsovillkor för låginkomsttagare, samt skapar arbeten och inkomster för fattiga. Det här projektet syftar till att undersöka de utmaningar gräsrotsinitiativ och-nätverk möter samt de utkomstpraktiker de genererar, för att förbättra återvinning och hämtning och hantering av hushållsavfall i informella områden i globala syds städer. Metodologiskt är projektet inspirerat av deltagande aktionsforskning genom en kombination av: a) en multipel fallstudie av sopletarinitiativ i Managua (Nicaragua), Dar es Salaam (Tanzania), Buenos Aires (Argentina) São Paulo (Brasilien) och Kisumu (Kenya) baserat på intervjuer, observationer, workshops och dokumentstudier; b) gemensam kunskapsproduktion där regionala och globala sopletnätverk utgör kunskaps-noder; c) en djupfallstudie av Kisumu, var kunskapen genererad från den multipla fallstudien integreras och d) internationella sopletar- och forskarseminarier. Teoretiskt bidrar projektet med att använda och utveckla en kombination av teorier om socio- och miljömässigt entreprenörskap, institutionellt entreprenörskap och resiliens-teori.

**Beräknad projekttid\***

2016-12-01 - 2019-11-30

**Länder som forskningen är relevant för\*** Afrika > Östra Afrika > Kenya  
Afrika > Östra Afrika > Tanzania

**Verksamhetsland – internationell medverkande forskare\*** Kenya > Kisumu  
Nicaragua  
Tanzania > Dar Es Salaam

**En ung forskare (maximalt 7 år efter disputation) medverkar i projektet**



**Ange namn på den unga medverkande forskaren**

María José Zapata Campos

**Jag planerar att inkludera en doktorand eller postdoktor i ansökan**

Nej

## **Redogörelse för etiska överväganden\***

The project does not need to be subjected to the Swedish ethical vetting procedure. However, it is designed to respect the ethical principles that are characteristic of this procedure.

Interviewees and participants to the workshop are informed that these interviews and workshops are part of a research project and that data is collected during these interviews and workshops. Their consent to the use of this data for research purposes is secured as they accept to be interviewed or they register to the workshop. Informants are informed that unless it is impossible (e.g., because the informant holds a unique position and makes a statement on behalf of this position) who says what during the interviews or the workshops is kept anonymous in all publications and presentations. Participants are also informed that they can leave the interview or the workshop at any time without having to provide any reason for their decision.

Access to intermediary reports and open sources publication is unrestricted. Access to other publications is subjected to conditions of access to academic publications. All publications are available upon individual request made to any member of the research team.

Data is to be stored and archived according to the relevant University of Gothenburg policy.

### **I projektet ingår hantering av persondata**

Nej

### **I projektet ingår djurförsök**

Nej

### **I projektet ingår humanförsök**

Nej

### **Forskningsplan\***

Se nästa sida för bilaga.

## **Recycling networks. Grassroot resilience tackling climate, environmental and poverty challenges**

### **Purpose and aims**

The project aims at examining the challenges that innovative grassroots networks encounter and the livelihood practices they generate, to improve recycling and household waste collection in informal settlements of global South cities. Strengthening of such initiatives, networks and practices promotes grassroot resilience, contributing to reduce both the adverse impact of cities on climate and environmental change (sustainable development target 11.6) as well as urban poverty (UN sustainable development goal 8).

More than one third of the global urban population lives in informal settlements (UN-Habitat, 2003, Arimah, 2012), often poorly connected to basic services (Hardoy et al 2001). Inadequate disposal of solid waste poses human and environmental health risks, generates soil and water contamination and greenhouse gas emissions (methane). Recovering materials from the waste stream can significantly address climate change, by curbing greenhouse gas emissions, saving energy and preserving natural resources through material recycling (UN-HABITAT, 2010).

Low-income residents do not remain passive regarding the deteriorating socioenvironmental conditions within their neighbourhoods. In the absence of formal waste collection services, an extensive informal sector of waste pickers is involved in collecting and recycling household waste (Gutberlet, 2012, Katusiimeh et al 2013; Oteng-Ababio et al 2013). Driven both by the desire to maintain a clean and healthy environment and the need for jobs, residents initiate and support activities focused on provision and improvement of critical services. In doing so, waste pickers make a significant contribution to reducing the carbon footprint of cities (da Silva Carvalho et al 2012, Mitlin, 2008, Wilson et al, 2008), recovering resources, improving environmental conditions and health of low-income residents, and creating jobs and income among the poor. The activities of informal and organized waste pickers, youth groups and others thus represent citizens turning into socio-environmental entrepreneurs (Gutberlet et al., 2016) through the co-production (Bovaird 2007; Ostrom, 1996) of basic waste collection and recycling services in informal and formal settlements.

Despite the stigma, low income and poor conditions in which these individuals work, informal waste pickers operating in cities around the world are increasingly connecting with each other through local, regional and global networks involving other waste pickers but also public, private and civil society organizations. Some commentators argue that these grassroot initiatives and networks have turned into the new social movements of the urban poor that, intentionally or not, challenge the nature of the state, local governments and civil society (Mitlin 2008; Gutberlet, 2010; Zapata Campos & Zapata, 2012). Unlike the standardized knowledge generated by donors and international organizations through ‘best practices’, easy to pack and ‘sell’ but difficult to replicate successfully to other contexts (Kain et al., forthcoming), these South-to-South bottom-up networks bring in locally developed, innovative and flexible solutions, and also learnings from their failures. Nevertheless, the topic of such joint global knowledge production, dissemination and upscaling remains largely un-researched.

The present research offers a critical inter- and transdisciplinary perspective on the issue of organizing resilience against climate and environmental change through grass root initiatives such as cooperatives, associations, community-based organizations, public-private partnerships and networks. The project builds on previous community-based research and bottom-up experiences gained by the project’s participants and network in different geographic regions during the last decade. Our approach promotes cross-sector collaborations and breaks down knowledge and practice silos through processes of co-production.

The project will achieve its aims by addressing the following questions:

- Q1. Processes: How do these grassroot initiatives and networks operate to bring about socio-environmental and economic change?

- Q.2. Challenges: What are the organizational, institutional, social, and material challenges encountered in the creation, development and stabilization of these initiatives and networks?
- Q.3. Opportunities: How can such difficulties be overcome?

These questions will be investigated through methodologies inspired by participatory action research (Reason & Bradbury 2008) through a combination of multiple case study on waste picker initiatives in Managua (Nicaragua), Dar es Salaam (Tanzania), Buenos Aires (Argentina) and São Paulo (Brazil) and an in-depth case study in Kisumu (Kenya). Theoretically, the project will also contribute to applying and expanding a combination of theories of socio-environmental (Mair & Marti, 2006, Peredo & McLean, 2006) and institutional entrepreneurship (i.e. Hardy & Maguire, 2008) with resilience theories (Folke, 2006, Campanella, 2006).

## **Survey of the field**

In the absence of proper formal waste collection services, millions of waste entrepreneurs collect household waste daily in cities around the globe (Gutberlet, 2012). Only in the city of Rio de Janeiro it is estimated that informal waste pickers contribute twice as much to recovering materials, than the official waste management system (da Silva Carvalho et al., 2012). In Cairo it is estimated that waste pickers collect two thirds of all waste in the city (Fahmi & Sutton, 2015).

Despite their contributions, they represent one of the most widely excluded, impoverished and disempowered segments of society (Gutberlet, 2010). Waste pickers are exposed to toxic materials (Binion & Gutberlet, 2012); suffer from widespread prejudice and stigmatization (Samson, 2009, Moreno-Sánchez & Maldonado, 2006); are persecuted by police as waste picking is typically illegal (Zapata Campos & Zapata, 2013); experience difficulties to create formal cooperatives or associations; lack access to official microfinance and funding opportunities; are susceptible to price market oscillations and are subject to exploitative relations with intermediaries (Tirado-Soto & Zamberlan, 2013). All these difficulties lead to persistent poverty and at the same time to inconsistencies in waste collection services provided by this sector (Yates & Gutberlet, 2011).

In response, informal waste entrepreneurs of the global South establish themselves in many different ways: as small groups, youth-groups, extended family groups, cooperatives or associations, micro-enterprises or other forms of community-based organizations (CBOs) (Tirado-Soto & Zamberlan, 2013; Zapata Campos & Zapata, 2013b). In most cases, organized waste pickers have received some form of financial support or technical advice from an NGO, a university, or the local government (Gutberlet et al., 2016). Yet one of the most significant challenges is how to continue with their operations once the projects or funds that initially supported them have dried up. It can also take decades for an innovative solution developed by some of these waste picker organizations to be scaled up to other parts of the city or other cities (Hardoy et al., 2001), while 'induced networks' and public-private partnerships are often harder to achieve self-management (Tirado Soto & Zamberlan, 2013).

The well-functioning of these initiatives also rests on the support from municipalities and eventually NGOs for the access of warehouses, equipment, and the publicizing of their work in the city (Tirado-Soto & Zamberlan, 2013), and, very important, for official and controlled waste transfer points where the waste collected from households is stored until the municipality evacuates it to landfills or recycling (Kain, et al., forthcoming; Zapata Campos & Zapata, 2013a). Access to public space is important, however, local governments often don't support their initiatives and remain suspicious, often refusing to admit or acknowledge the role of waste pickers. Waste picker networks around the world habitually struggle with municipalities that do not fulfil signed agreements (Yates & Gutberlet, 2011; Zapata Campos & Zapata, 2013a; Furedy, 1992). Governmental arrangements created for the co-production of waste collection services (e.g. agreements for the remuneration of waste pickers, licenses to operate or regular evacuation of transfer points) therefore calls for regular and long-term relationships where network and partnership arrangements are integrated in governance structures (Joshi & Moore, 2004; Gutberlet, et al., 2016).

Still, many of these neighbourhood networks have expanded from community to city-wide

(Boonyabancha & Kerr, 2015) and regional scales. Waste pickers networks have been established in the last decades (e.g. *Excluded Workers Movement* in Buenos Aires , the *National Waste Pickers Movement* in Brazil, the *Latin American Network of Inclusive Recyclers*). In contrast to many platforms supported by international aid development agencies, these bottom-up transnational networks conducted for example in the field of informal settlement upgrading policies, are highly flexible and their ‘learning by doing’ progress allows them to navigate in contested environments (Boonyabancha & Mitlin, 2012).

These networks increasingly advocate city-wide engagement to break out of situations of project isolation and narrow focus on local issues (Gutberlet, 2016). Collective learning processes have also helped these communities to move towards creating an international common voice in front of international agencies and the industry (e.g. Gutberlet, 2015; Mitlin, 2015). These networks seem also to facilitate cross-regional exchanges according to socio-economic backgrounds (low income to low income) and levels of maturity. Knowledge production is typically based not only on best practices – easy to pack in handbooks but difficult to replicate (Kain, et al., forthcoming) – but also on everyday practices. Yet, the concrete contribution of waste pickers networks to knowledge development and the development of bottom-up innovations is still under researched.

## Project description

### Theoretical framework

This project combines the theoretical stances of socio-environmental and institutional entrepreneurship with resilience theory. Socio-ecological resilience relates to the ability of a system to absorb shock and maintain the same essential structure, processes, and feedbacks; the capability of the system to self-organize; and the capacity of the system to build ecological, social and economic capital for learning and adaptation (Folke, 2006, Patterson *et al.*, 2008). Urban resilience refers to the capacity of cities and their citizens to withstand and recover from disasters, including climate change, but also rapid over-urbanization and its negative social and environmental impacts (Campanella, 2006) such as the case of informal waste picking in the absence of formal systems. Resilience theory can offer insights into questions related to waste generation and resource recovery in cities, for example, how does door-to-door collection of selective household waste, involving recycling cooperatives impact on the resilience of cities? Are those cities, which have organized waste pickers organizations and networks involved in waste management more able to cope with changes in production, consumption and waste disposal/recycling and thus more apt to address urban sustainability and climate change? In this project we will argue that grassroot resilience can make a substantial contribution to climate and environmental challenges.

In the informal settlements of many global South cities, social entrepreneurs, often in collaboration with other governmental and civil society organizations, are part of the emerging experiences igniting urban resilience processes and social and environmental change (Zapata Campos & Zapata, 2012). Social entrepreneurship is broadly defined as “a process involving the innovative use and combination of resources to pursue opportunities to catalyse social change and/or address social needs” (Mair & Marti, 2006, p. 37). Diverse forms of initiatives arise to deliver the missing public services and goods for deprived residents of informal settlements, some of which emerge as environmental community-based and micro-enterprise initiatives in sanitation, water and waste services (MacFarlane, 2011). This is an activity which has also been coined as environmental entrepreneurship (Dean & McMullen, 2007) or ecopreneurship (Schaltegger, 2002).

Social bricoleurs (Lévi-Strauss, 1967, Zahra *et al.*, 2009), as an specific type of social entrepreneurs, respond to unmet needs of communities by creating something out of available resources not perceived as such before and by counteracting certain limitations imposed by institutional or political settings or the absence of government (Di Domenico *et al.*, 2010). Often, social bricolage involves social networking or spontaneous collective action for rapid responses (Johannison & Olaison, 2007), representing an interesting case to studying grassroot resilience to climate and environmental change.

In underregulated environments of ‘institutional void’ (Weij, 2014) and informal economies,

grassroot initiatives can generate spaces of experimentation that diverge from established practice (Hoffman, 1982; Chant, 2009). When those novel environmental services and practices consolidate and become institutionalized, new rules, practices and rationalities are established (Ostrom, 1996). When this happens, the ambitions of the social and environmental entrepreneurs to change institutional settings link to what has been coined ‘institutional entrepreneurship’ and defined as “activities of actors who have an interest in particular institutional arrangements and who leverage resources to create new institutions or transform existing ones” (Maguire et al., 2004, p. 657). This process of institutionalization of social entrepreneurs can involve the extension of their scope of action towards broader communities or markets (Schaltegger & Wagner, 2011), or the replication of new environmental services to other neighbourhoods or cities (Gutberlet et al., 2016). It can also imply the creation of city and regional networks for the diffusion of practices or the co-production of knowledge to expand socio-environmental change to other communities beyond the neighbourhoods and cities where they were originally developed.

Through institutional entrepreneurship, it is argued that bottom-up networks can contribute to re-imagine and forge a new conceptualization of the public and its role both in service delivery and in environmental protection and change (Samson, 2009, 2015). The recyclers have a role to play in applying ‘transformative literacy’ (Schneidewind, 2013) making way for needed social change, for example as environmental stewards performing door-to-door collection, engaging with schools and communities. By mobilizing collectively to demand formal incorporation into municipal service systems socio-environmental entrepreneurs have the ability to transforming relations between the state, formal economy, informal economy, and residents, and contributing to the forging of a more inclusive, participatory, and democratic state (Sampson, 2015).

### *Method*

The project’s methodology combines a) a multi-case study of waste pickers organizations in several cities and b) joint knowledge production with regional and global waste picker networks performing as knowledge hubs for the project c) an in-depth case study of the City of Kisumu, where the learnings from the multi-case studies will be integrated and d) joint research and waste picker seminars.

#### a) Multi-case study (2017)

The multi-case study will critically examine innovative grassroot initiatives of informal waste pickers organizations (i.e. neighbourhood associations, cooperatives, CBOs, micro-enterprises) in the cities of Managua (Nicaragua) and Dar Es Salaam (Tanzania) in low income countries, as well as in São Paulo (Brazil) and Buenos Aires (Argentina), in medium income countries.

The case studies will be conducted using a rapid urban appraisal approach, based on interviews with key stakeholders (entrepreneurs, resident associations, politicians, public officers, network representatives, NGOs), video documentation, revision of existing policy documents and reports, as well as observations in the neighbourhoods where selected waste collection is operated by local waste picker organizations. Data will also be collected through videotaped, interactive workshops with key stakeholders held in the informal settlements and neighbourhoods, at the city and regional level. One researcher will be responsible for each city/country and produce a short report with the results of the preliminary study. A similar pre-study will be conducted in Kisumu, Kenya (see below, c). This initial research phase will allow us to tease out the processes (Q. 1) challenges (Q. 2), and opportunities (Q. 3) required for the consolidation of these initiatives. Expected outcomes from the multi-case study is i.e. co-produced knowledge about organizational features and processes favourable to women’s representation and interests; sustainable business-oriented models; or how these initiatives have the opportunity to forge new notions of the public. We will question as to whether and how these lessons could be transferred to different localities in the global South.

**b) Waste picker national, regional and global networks (2017-2018)**

The project will also examine national waste pickers such as Rednica (Nicaragua), RedeCata Vida, or Coopcent-ABC (Brazil), and regional networks as the Latin American Network of Informal Waste Pickers, the Global Alliance of Waste Pickers and other supportive networks such as WIEGO (Women in Informal Employments Globalizing and Organizing) or GAIA (Global Alliance for Incineration Alternatives) with the purpose to understand the processes whereby these networks contribute to knowledge co-production, and the diffusion and critical adoption of this knowledge (Q. 1); the difficulties (Q.2.) and the organizational solutions they generate (Q.3). A comprehensive survey will be conducted to examine the characteristics of these networks, complemented with document desk research and in-depth interviews.

**c) In depth case study (2017-2019): Kisumu, Kenya.**

The city of Kisumu is a privileged ‘urban laboratory’ (Evans 2011), where governance experiments have been conducted in the last years via the implementation of waste management programs funded by donors (KISWAMP 2009 and KUP 2014), city-to-city partnership programs as those supported by the Swedish Research Institute for Local Democracy (Nacka – Kisumu partnership) and scholar action research, as the one conducted by this team since 2014. Still, waste collection efficiency in Kisumu is a mere 20%, with a lack of refuse collection facilities and informal settlements being largely neglected. Many dumpsites are next to residential houses, causing health problems and excruciating living conditions. However, more than half of the waste in Kisumu is organic, with potential for easy recycling, not least through emerging initiatives for urban agriculture. A number of waste picker initiatives has emerged, as CBOs, youth-groups and micro-enterprises and provide services to informal settlements as Nyalenda and Obunga.

The field work in this in-depth case study will focus on the informal settlements of Obunga and Nyalenda. It will consist of observations and interviews in the informal settlements as well as engagement in recycling and eventually waste-to-energy activities. It will also comprise interactive workshops with the neighbourhood, city, national and regional recycling networks, as specified in the multi-case study. The challenges faced by new and established waste picker actors, organizations will be examined (Q.2), and experiences from the other case cities will be introduced and assessed jointly grass root actors and researchers for potential replication/adaptation (Q.3).

**d) Research and waste picker networks seminars (2018-2019)**

Two international seminars will be held to reconnect the findings from the multi-case studies (a), the waste picker networks (b) and the in-depth case study in Kisumu (c). The research team, waste picker organizations and networks, officers and politicians, and members of the reference group and other networks (WIEGO, GAIA, RedLacre, ICED, UN-Habitat) will meet to discuss and compare the preliminary findings. Each seminar will be complemented with visits and observations of informal settlements and recycling organizations or networks. During the first seminar in 2018 the researchers who conducted the case studies in Managua, Kisumu, Dar es Salaam, São Paulo and Buenos Aires will present and discuss their findings in collaboration with network representatives in Kisumu. The second research seminar in 2019 has the purpose to reframe and enlarge the understanding of the particular case of Kisumu/Kenya/East Africa into an international context where other cities and inclusive recycling networks could learn from the experience of Kisumu and the previous studied cities. In addition to this, a workshop will be conducted in each city in 2019 to bring back the learnings from the two research seminars to the local actors.

*Time schedule and implementation*

The timetable for the project is as follows:

*Year 1:*

- a. Multi-case studies of waste picker organizations in Managua, Dar Es Salaam, São Paulo and Buenos Aires. Interactive workshops, interviews and observations – One report from each city.
- b. Waste picker networks – survey

c. Start of in-depth case study in Kisumu. Interactive workshops, interviews and observations – Report from Kisumu.

Reference group: annual meeting

*Year 2:*

b. Waste picker networks – interviews and document analysis – Report ,presented in seminar (d).

c. In-depth case study in Kisumu (cont): workshops, interviews, observations and engagement in recycling activities

d. Research and waste pickers seminar (I) – Production and diffusion of report and scientific publications.

Reference group: annual meeting

*Year 3:*

c. In-depth case study in Kisumu (cont.): workshops, interviews, observations and implementation of learnings in waste picker activities and networks.

d. Research and waste pickers seminar (II) – Production and diffusion of report and scientific publications.

Reference group: annual meeting

Final report

Diffusion of results: seminars for the partnership program Swedish International Centre for Local Democracy and individual workshops in each city.

*Reference group:*

The project has a reference group with practitioners and scholars with an internationally acknowledged expertise on different fields. The reference group will meet annually, if possible, during the organization of the seminars during year 2 and 3:

- Professor Diana Mitlin, IIEE, human settlements, basic services and informal settlements
- Björn Moller, Swedish International Centre for Local Democracy
- Sonia Dias, WIEGO
- Thomas Melin, UN-Habitat
- Magdalena Donoso, GAIA

*Researchers' role in the project*

The project is an interdisciplinary collaboration between international researchers, waste picker organizations and civil servants in three low-income countries (Kenya, Tanzania and Nicaragua) and two middle-income countries (Brasil and Argentina).

- Associate professor María José Zapata, sociologist, University of Gothenburg (Sweden), is head of the project and one of the young researcher in this project. She is experienced in environmental governance, informal settlements and social movements in Nicaragua, Kenya and Sweden. She co-ordinates the project and answers for administrative matters. She is also responsible for the final report, the communication and dissemination, and the reference group.
- Professor Jaan-Henrik Kain, architect and urban planner, Chalmers University of Technology (Sweden). He has conducted several studies on urban service provision (waste, water, sanitation) in developmental contexts and will organize and lead the multi-case studies (a) and supports the research team in East Africa.
- Professor Jutta Gutberlet, the University of Victoria (Victoria, Canada) and collaborater at the Federal University of the ABC region in São Paulo (UFABC), is a geographer with a decade of experience on community-based, participatory action research on waste picker cooperatives in Brazil, Latin America and Canada. She leads the case-study in Sao Paulo.
- Senior lecture Goodluck Charles, Coordinator of Centre for Policy Research and Advocacy at the University of Dar es Salaam Business School, Tanzania. Expert in entrepreneurship, micro-

- financing, informality, public-private dialogue and policy advocacy. He is responsible for the Dar-Es-Salaam and Tanzania case study and the communication with waste picker networks.
- Assistant professor Jessica Pérez Reynosa, Business School, University of Central America (Nicaragua), is also a young researcher. She is responsible for the Managua, Nicaragua case study and the communication with the waste picker networks as RedNica. She has conducted a preliminary study on waste entrepreneur and networks in Nicaragua.
  - Associate professor Sebastián Carenzo, sociologist, University of Buenos Aires (Argentina), is responsible for the Argentina case study. He has published extensively on waste pickers social movements in Latin America.
  - Associate professor Patrik Zapata, School of Public Administration, University of Gothenburg (Sweden) coordinates the waste picker study network (b) and supports the research team in Latin America.
  - Senior lecturer, Michael O. Oloko, Jaramogi Oginga Odinga University of Science and Technology (JOOUST), works on environmental engineering (waste, sanitation and water). He organizes and leads the in-depth case study in Kisumu (c). Michael is also responsible for the organization of the international seminars (d).

### *Dissemination*

Scientific communication about the project takes place through:

- Publication of a research report in language accessible to practitioners, a video-clip showcasing challenges and practices to address waste related issues in the case study cities
- Presentations at academic conferences, academic workshops, and lectures in courses.
- Publications in academic journals such as: *Environment and Urbanization, International Journal of Urban and Regional Research, Environment and Planning A, B, C, Development and Change, Geoforum*.
- Presentations during the international workshops held within the project as well as the interactive workshops held in Kisumu.
- Seminars held in collaboration with ICLD's partnership and training programs targeting public managers and politicians working with town planning and delivery of basic services in low and middle-income countries. The materials will also be offered to knowledge organizations as ICLD, WIEGO or GAIA for their particular educational activities.

### **International and national collaboration**

In Kisumu, the research team also collaborates with civil servants who are part of the research team (Ms. Belinda Nyakinya, Ms. Evelyn Otieno and Mr. John Sande), and universities as JOOUST (Prof. Stephen Agong), Maseno University (Prof. George Mark Onyango). The research team collaborates with the new KUP Kisumu Urban Program, funded by the French cooperation, which includes a waste management component.

The research team participates regularly in international cooperation activities held by ICLD, funded by Swedish Association of Municipalities and Regional Governments and SIDA. The team has recently finished a research project on informal waste management in Kisumu funded by ICLD.

Jutta Gutberlet leads a task group on informal recycling within the International Waste Working Group: <http://www.tuhh.de/iue/iwwg/task-groups/informal-recycling.html>. She holds contact with global networks as WIEGO and GAIA. She is also involved as part of her action-research with the Federal University of the ABC region in São Paulo, municipalities and waste picker organizations.

Jaan-Henrik Kain, Michael Oloko, Patrik Zapata and María José Zapata Campos are also involved in a research project on compact cities and informal settlements with the Universities of La Habana, Instituto de Estudios Sociales de la Ciencia y la Tecnología (IESCT) at the Universidad Nacional de Quilmes in Buenos Aires; Universidad Nacional de General Sarmiento (Buenos Aires), Cape Peninsula University of Technology (Cape Town) and JOOUST in Kenya.

Patrik Zapata leads a Swedish Research Links program (2014-2016) on waste management in informal settlements with the UCA University in Nicaragua, ABC University in São Paulo and

JOOUST University in Kenya.

The research team is hosting an international conference on urban development in global south cities this autumn at the School of Public Administration, University of Gothenburg. [http://n-aerus.net/wp/?page\\_id=339](http://n-aerus.net/wp/?page_id=339)

## Significance

By strengthening such grassroot resilient initiatives, the project intends to contribute to reduce both the adverse impact of cities on climate and environmental change (sustainable development target 11.6) as well as urban poverty (sustainable development goal 8). Theoretically, the project explains the organizational, social, material and spatial challenges and opportunities in the provision of recycling services in informal settlements. More generally, it makes clear how and why resilient grassroot networks can contribute to positive social, economic and environmental change. The project contributes to bridge socio-environmental and institutional entrepreneurship literature with resilience theory by innovatively developing new theoretical strands of grassroot resilience. The project aims to break silos between practice and theory, and between North and South knowledge transfer, through grassroot co-production and action-research. Practically, the project intends to provide waste picker organizations and networks, planners, politicians and development aid officers with knowledge about how to provide and improve inclusive, environmental recycling services.

## Preliminary results

The present research project is based on our previous studies in Managua, Kisumu, São Paulo, funded by the Swedish Research Links Program (2014-2016), the ICLD (2014-2015), previous research projects between the Univesity of Gothenburg and UCA in Managua (2009-2012) and the Canada-Brazil *Participatory Sustainable Waste Management* (PSWM) project, (2005-2012) in the metropolitan region of São Paulo, Brazil. Our previous research shows:

- Waste management pilot projects supporting social entrepreneurs have transformed city management practices in informal settlements, leading towards hybrid models (e.g. PPPs in Managua, or recyclers networks partially remunerated by municipalities) that combine formal and informal practices, with modern and traditional technologies.
- Small-scale entrepreneurs providing household waste collection in informal settlements provide innovative solutions driven by a desire to address social and environmental challenges in their neigbhourhoods. In their endevours they also transform the institutional arrangements improving political, legal and organizational conditions for the delivery of environmental services. They also succeed with their practices to challenge notions of the public and responsibility in environmental governance .
- The extraordinary potential of informal recycling networks to create green employment growth and recycling jobs among low-income residents.
- Unlike the standardized knowledge generated by donors and international organizations through ‘best practices’, easy to pack but often difficult to replicate in other contexts, these South-to-South bottom-up networks bring in locally developed, innovative and flexible solutions, and also learnings from their failures.
- The co-production of novel knowledge by practitioners and scholars, that help understanding the challenges of grassroot resilience for a low carbon society, in the context of Southern cities.

**Other grants** We have not applied for other grants

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## Relevans för utlysningen\*

More than one third of the global urban population lives in informal settlements often poorly connected to basic services, such as solid waste management. Poor management and disposal of solid waste pose human and environmental health risks, cause soil and water contamination and increase greenhouse gas (methane) emissions. Recovering materials from the waste stream can significantly address climate change, by curbing greenhouse gas emissions and reducing the carbon footprint of cities, saving energy and preserving natural resources through material recycling. In the absence of proper formal waste collection services, millions of waste entrepreneurs get involved in daily collection of household waste in cities around the globe to earn a living, with positive impacts to environmental sustainability.

This project aims at examining the challenges that innovative grassroots networks encounter and the livelihood practices they generate, to improve recycling and household waste management in informal settlements of global South cities.

Strengthening of such initiatives, networks and practices promotes grassroots resilience, contributing to reduce the adverse impact of cities on climate and environmental change (sustainable development target 11.6) as well as urban poverty.

Despite their relevant environmental contribution to reduce the carbon foot print of our cities, waste pickers and recyclers represent one of the most widely excluded, impoverished and disempowered segments of society. The project will therefore contribute to promoting an equitable global development by creating the conditions to improve the performance of informal waste pickers and their networks, and therefore contribute to create decent employment and income opportunities, and eradicate urban poverty in which this marginalized population often lives (sustainable development goal 8).

The project will also contribute to promote democracy and an equitable global development by bringing in the research methodology with participatory processes whereby actors from different organizations (e.g. waste pickers, squatters, municipal officers, politicians or development aid officers) will meet and interact to discuss the difficulties and the possible solutions to co-producing improved basic services via networks or public-private partnership arrangements. We expect to increase participants' empowerment and contribution to more transparent democratic processes via public deliberation in these open interactive discussions/workshops.

Theoretically, the project will also contribute to explain the organizational, social, material and spatial challenges and opportunities in the provision of recycling services in informal settlements. More generally, it originally examines how grassroots resilience networks can contribute to social, economic, environmental sustainability and resilience to climate change. It contributes to bridge socio-environmental and institutional entrepreneurship literature with resilience theory by innovatively developing new theoretical strands of grassroots resilience.

Practically, the project also intends to provide waste picker organizations and networks, planners, politicians and development aid officers with knowledge about how to provide and improve environmental recycling services. The project also aims to break silos between practice and theory, and between north and south knowledge transfer, through grassroots co-production and action-research.

The project focuses on south-to-south knowledge co-production and exchange. The project focuses primarily on experiences from low-income countries (Kenya, Tanzania, Nicaragua) but also conducts research from middle-income countries (Brazil and Argentina). This initial research phase informed by a multi-case study in several low income and middle income cities will allow us to tease out the key factors, conditions and processes required for the consolidation of these initiatives. We will question as to whether and how these lessons could be transferred to different localities in the global South.

Finally, the project will also critically question issues such as how are women represented, challenged and/or empowered in these initiatives and networks, how these grassroots resilience networks fairly represent all groups and interests, or how they contribute or not to a redefinition of the statehood and the 'public' sphere.

### Aktivitetsgrad i projektet\*

Roll i projektet	Namn	Procent av heltid
1 Projektledare	Maria José Zapata Campos	20%
2 Medverkande forskare	Jutta Gutberlet	20%
3 Medverkande forskare	Jaan-Henrik Kain	15%
4 Medverkande forskare	Michael O. Oloko	30%
5 Medverkande forskare	Jessica Pérez Reynosa	20%
6 Medverkande forskare	Goodluck Charles	20%
7 Medverkande forskare	Patrik Zapata	15%

## Löner inklusive sociala avgifter

Roll i projektet	Namn	Procent av lönen			
1 Projektledare	María José Zapata Campos	20%			
2 Medverkande forskare	Michael Oloko	30%			
3 Medverkande forskare	Goodluck Charles	20%			
4 Medverkande forskare	Jessica Pérez	20%			
5 Medverkande forskare	Jutta Gutberlet	20%			
6 Medverkande forskare	Patrik Zapata	15%			
7 Medverkande forskare	Jaan-Henrik Kain	15%			
Totalt					
	2016	2017	2018	2019	Totalt
1	167 119	167 119	167 119	167 119	501 357
2	116 488	116 488	116 488	116 488	349 464
3	48 000	48 000	48 000	48 000	144 000
4	37 359	37 359	37 359	37 359	112 077
5	153 600	153 600	153 600	153 600	460 800
6	142 921	142 921	142 921	142 921	428 763
7	161 507	161 507	161 507	161 507	484 521
Totalt	0	826 994	826 994	826 994	2 480 982

## Lokaler

Typ av lokal	2016	2017	2018	2019	Totalt
<b>1 Localities</b>		52 928	52 928	52 928	158 784
<b>Totalt</b>	0	52 928	52 928	52 928	158 784

## Driftskostnader

Driftskostnader	Beskrivning	2016	2017	2018	2019	Totalt
<b>1 Technical assistance</b>	Field work, interviews, transcriptions		300 000	50 000	50 000	400 000
<b>2 Conference travel</b>			10 000	10 000	10 000	30 000
<b>3 Research trips</b>			100 000	300 000	300 000	700 000
<b>4 Workshops</b>			125 000	100 000	175 000	400 000
<b>5 Proofreading</b>				70 000	14 000	84 000
<b>6 Open access publishing</b>				3 000	6 000	9 000
<b>7 Literature</b>			5 000	5 000	5 000	15 000
<b>8 Supply, equipments</b>			10 000	5 000	5 000	20 000
<b>9 IT costs</b>			11 901	11 901	11 901	35 703
<b>Totalt</b>		0	561 901	554 901	576 901	1 693 703

## Avskrivningar utrustning

Avskrivning	Beskrivning	2016	2017	2018	2019
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## Totalt sökt belopp\*

Specificerade kostnader	2016	2017	2018	2019	Totalt, sökt
1 Löner inkl. sociala avgifter	0	826 994	826 994	826 994	2 480 982
2 Driftskostnader	0	561 901	554 901	576 901	1 693 703
3 Avskrivningar utrustning					0
4 Lokaler	0	52 928	52 928	52 928	158 784
5 Delsumma	0	1 441 823	1 434 823	1 456 823	4 333 469
6 Indirekta kostnader	0	477 298	449 998	483 148	1 410 444
7 Total projektkostnad	0	1 919 121	1 884 821	1 939 971	5 743 913
Annan kostnad					Total kostnad
1					2 480 982
2					1 693 703
3					0
4					158 784
5	0				4 333 469
6					1 410 444
7	0				5 743 913

## Motivering av sökt budget\*

### Labour

The total cost of labour includes national insurance charges (*Lönekostnadspålägg - LKP*, including holiday benefits - *Semestertillägg*) and overhead costs (*OH*) which vary from one University to the other.

- GRI/University of Gothenburg (Zapata Campos), LKP: 53,245%, semester 4,6%, OH 39%, salary/month 44,2 kSEK
- Jaramogi Oginga Odinga University of Science and Technology University (Oloko) LKP 3,5%, OH is 15%, salary/month 31,4 kSEK
- Federal University of the ABC region in São Paulo (Gutberlet) LKP is included in the gross salary, OH 10%, salary/month 64 kSEK
- University of Central America UCA, LKP 25,03%, OH 10%, salary/month 12,5 kSEK
- University of Dar Es Salaam, LKP is included in the gross salary, OH 20%, salary/month 20 kSEK
- School of Public Administration / University of Gothenburg (Zapata), LKP: 53,245%, OH 53% , salary/month 50,4 kSEK
- Chalmers University (Kain), LKP 52 %, semester 2,7%, OH 44 %, salary/month 58 kSEK

The total of salary, national insurance charges and overhead is calculated as the product of: monthly salary time occupation rate time 12 time (1+ LKP) time (1 + OH).

### Running costs

All running costs are calculated on the basis of the team's experiences of research projects. They are also calculated with 39% OH (GRI, GU). **Note that the sums are rounded figures.**

#### *Technical assistance, guides*

Year 1: 50 KSEK for two months salary for researcher n°7 Dr. Sebastian Carenzo, University of Buenos Aires to conduct the multi-case study in Buenos Aires/Argentina. His salary is not included in the labour costs as we are already 6+1 researchers.

Year 1: 250 KSEK = 50 KSEK\* 5 per city/country (Managua, Sao Paolo, Buenos Aires, Dar Es Salaam, Kisumu) for research assistance to collect, transcribe and analyse data on waste picker organizations and waste picker networks (a. multi-case study b. network analysis c. in-depth case study in Kisumu)

Year 2 and 3: 50 KSEK per year = 10kSEK per city for research assistance to collect and analyse data on waste picker organizations and waste picker networks (a. multi-case study b. network analysis c. in-depth case study in Kisumu)

#### *Research trips:*

Travels for annual field-work. Field visits for data collection and workshops. Costs for travel and accommodation is calculated to a min. of 25 kSEK per researcher.

Year 1: 25kSEK\* 4 trips= 100 Ksek

Year 2 and 3: 25kSEK\* 12 trips= 300Ksek per year. At least one researcher per city (four), one representative for each waste picker network (five), and the Swedish researchers (three) will travel to Kisumu, Kenya for the international workshop during year 2 and 3.

#### *Workshops*

The costs for the workshops in each city are based on earlier experiences estimated to 25 kSEK per year.

Year 1: one workshop per city \*5= 125Ksek

Year 2: two workshops in in-depth case study in Kisumu (50Ksek) + international conference with international researchers and waste picker networks in Kisumu (50kSEK)= 100kSEK

Year 3: one workshop per city \*5= 125kSEK + international conference with international researchers and waste picker networks in Kisumu (50kSEK)=175kSEK

#### *Conference Travel:*

10kSEK per conference 1 per year \*3 years= 30 kSEK

#### *Proofreading and open access*

Year 2, one paper 10kSEK per paper including proof reading and open access= 10 kSEK

Year 3, two papers 10kSEK per paper including proff reading and open access= 20kSEK

#### *Literature*

5KSEK per year

*Total running costs* (excluding indirect costs) are Year1: 562 kSEK + Year 2: 492 kSEK + Year 3: 577 Ksek = 1631 kSEK

#### **Premise costs (lokaler)**

Chalmers (9,15%), 15kSEK, GRI/University of Gothenburg (10%) 17 kSEK, School of Public Administration/University of Gothenburg (15%)= 21 kSEK per year

53 kSEK per year \* 3 years= 159 kSEK

#### **Indirect costs**

Indirect costs on running costs (39%) Year 1: 219 kSEK+ Year 2: 192 kSEK+ Year 3: 225 kSEK

Indirect costs on salaries (each department has different over head as specified in the first section)= 256 kSEK per year

Total indirect costs Year 1: 477 kSEK + Year 2: 450 kSEK + Year 3: 483 kSEK = 1410 kSEK

#### Annan finansiering för detta projekt

Finansiär	Sökande/projektledare	Typ av bidrag	Dnr eller motsv.
2016	2017	2018	2019

**Publikationer\***

Se nästa sida för bilaga.

## PUBLICATION LIST

### **María José Zapata Campos**

#### **Peer-reviewed original articles**

	JCR Impact factor
Corvellec, H.; Ek, R; Zapata, P.; Zapata Campos, M. J. (2016) Acting on distances: A topology of accounting inscriptions, <i>Accounting, Organizations and Society</i> , online first. doi:10.1016/j.aos.2016.02.005	1.672
Gutberlet, J; Kain, JH; Nyakinda, B; Ochieng, DH; Odhiambo, N; Oloko, M; Omolo, J; Ozondi, E; Otieno, S; Zapata, P; Zapata Campos, MJ (2016) Socio-environmental entrepreneurship and the provision of critical services in informal settlements, <i>Environment &amp; Urbanization</i> , DOI: 10.1177/0956247815623772	1.324
Alvarez de Andrés, E, Patrik Zapata and María José Zapata Campos (2015) Stop the evictions! The diffusion of networked social movements and the emergence of a hybrid space: The case of the Spanish Mortgage Victims Group, <i>Habitat International</i> , Volume 46, April 2015, Pages 252–259.	1.746
Zapata, P; Zapata Campos, M. J. (2015) Unexpected translations in urban policy mobility. The case of the Acahualinca development programme in Managua, Nicaragua, <i>Habitat International</i> , Volume 46, April 2015, Pages 271–276.	1.746
Zapata Campos, M. J. ; Zapata, P. (2014). The travel of global ideas of waste management. The case of Managua and its informal settlements. <i>Habitat International</i> . 41 (January 2014) s. 41-49. <a href="http://dx.doi.org/10.1016/j.habitatint.2013.07.003">http://dx.doi.org/10.1016/j.habitatint.2013.07.003</a>	1.746
Corvellec, H.; Zapata Campos, M. J. ; Zapata, P. (2013) Infrastructures, lock-in, and sustainable urban development e the case of waste incineration in the Göteborg Metropolitan Area, <i>Journal of Cleaner Production</i> , vol 50: 32–39. <a href="http://dx.doi.org/10.1016/j.jclepro.2012.12.009">http://dx.doi.org/10.1016/j.jclepro.2012.12.009</a>	3.844
Zapata Campos, M. J. & Zapata, P. (2013) Switching Managua on! Connecting informal settlements to the formal city through household waste collection, <i>Environment and Urbanization</i> , ol 25(1): 1–18. DOI: 10.1177/0956247812468404	1.324
Zapata Campos, M. J., Zapata, P. (2012) Changing La Chureca. Organizing City Resilience through Action Nets, <i>Journal of Change Management</i> , (12) 3: 323-337.	
Zapata Campos, M. J., Zapata, P. (2012) Translating development aid into city management: the barrio Acahualinca integrated development programme in Managua, Nicaragua, <i>Public Administration and Development</i> , DOI: 10.1002/pad.1628	0.702
Zapata, M.J. & Hall, M. (2012) Public-private collaboration in the tourism sector: balancing legitimacy and effectiveness in local tourism partnerships. The Spanish case, <i>Journal of Policy Research in Tourism, Leisure and Events</i> , 4(1): 61-83.	
Zapata Campos, M.J., Hall, C.M., Lindo, P. & Vanderschaeghe, M. (2011) Can Community-Based Tourism Contribute to Development and Poverty Alleviation? Lessons from Nicaragua, <i>Current Issues in Tourism</i> , 14(8): 725-749.	: 1.307

**Peer reviewed books, book chapters and conference proceedings with international coverage**

*Books*

- Zapata Campos and Hall, C.M. (eds.) (2013) *Organising waste in the city: international perspectives on narratives and practices*. Bristol: The Policy Press.
- Zapata Campos, Maria Jose (2008) *Public-Private Collaboration in Spanish Tourism. Balancing Legitimacy and Effectiveness in Tourism Partnerships*. Doctoral Thesis, Alicante: University of Alicante.

*Book chapters*

- Álvarez de Andrés, E., Zapata, P., Zapata Campos, M.J (2016) Networked Social Movements and the Politics of Mortgage: From the Right to Housing to the Assault on Institutions. In Leonard, I., Gurdiev, C., Gonzalez-Perez, A.M. *Lessons from the Great Recession: At the Crossroads of Sustainability and Recovery*. Pp. 231-249. Emerald.
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- Patrik Zapata & María José Zapata, Environmental citizenship, waste and the throw-away society, 9 februari 2016, Hållbarhet 2016, ett samarrangemang mellan Chalmers Tekniska högskola och Göteborgs universitet.
- Maria José Zapata Campos & Patrik Zapata, The (Eco)Trojan horse enters the City Hall. Citizen-driven initiatives, waste prevention practices and social change, Environmental social science dialogues, Dec 10, 2015, School of Global Studies, Gothenburg University.
- 3 out of 3 planned workshops held in Gothenburg under the waste prevention project, organized by the research team (13 November 2014, 29 January 2015, 7th May 2015):  
<http://ism.lu.se/fran-avfallshantering-till-avfallsforebyggande/tre-seminarier-om-avfallsforebyggande>
- Zapata, P. and Zapata Campos, M.J. Waste, an urban common. International inclusive recycling conference, Managua, January 9-17 2015. UCA University: An scholar seminar with international and national researchers; and a seminar with the participation of waste pickers cooperatives and micro-enterprises, municipalities, the Nicaraguan Environmental Agency, NGOs and Universities. The seminars were attended by colleagues from University of Sao Paolo, University of Victoria, Chalmers University, JOOUST University in Kisumu, and funded by the Swedish Research Links Program.  
<https://www.youtube.com/watch?v=EuBlnA-eoWM&feature=youtu.be>
- Several seminars, workshops and focus groups with waste pickers, municipal officers, residents, waste managers, politicians and community leaders in Kisumu and its informal settlements to improve waste collection services. May and August 2014. [facebook.com/pages/Co-producing-waste-mgmt-The-case-of-Kisumu-Kenya/297035903792716](http://facebook.com/pages/Co-producing-waste-mgmt-The-case-of-Kisumu-Kenya/297035903792716)
- Public speech: Cities, Waste and Sustainable Development, Handelshögskolans Dag, the Business School Day, Gothenburg, 2012/10/14.
- Public speech: Sustainability, Corporate Social Responsibility and the Tourism Industry, Swedish Book Fair, Gothenburg, 2009/09/30.
- Scholar and professional publications in collaboration with practitioners, as a result of professional activities outside University (see e.g. Castellort et al, 2000; Zapata & Blieck, 2010 or Zapata et al, 2011 in Publication List).
- Key note speaker, Models for Organising Tourism: towards Public-Private Partnerships, Regional Tourism Conference in Catalonia, Lleida, Spain, 2004.
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## **Lectures and Addresses**

Chair: International Symposium on *Challenges in the Training of Community-based Research (CBR)*. Organized by the UNESCO Chair in Community Based Research and Social Responsibility in Higher Education. UVic, Victoria. 15.09.2015

Lecture: Departamento de Botânica, Instituto de Biociências, Universidade de São Paulo (USP), Title: *Contribuições e desafios do método qualitativo no rompimento de paradigmas, no âmbito da pesquisa sócio-ambiental.* 01.09.2015.

Address: Seminario Experiências da Coleta Seletiva e Subsídios para a Implementação da Política Nacional de Resíduos Sólidos. Federal University of the ABC region (UFABC-Câmpus São Bernardo, Brazil) Title: *A importância das cooperativas de catadores e catadoras na coleta seletiva.* 28.08.2015. **(Invited Speaker)**

Lecture: Séminaire Géographie, Aménagement et Développement Durable en Amérique latine (GADDAL) 2014 – 2015. Paris, Sorbonne. Title: *Experiences with community-based participatory research to uncover everyday practices in informal and cooperative recycling.* 10.04.2015. **(Invited Speaker)**

Address: International Forum of the Better Futures Network (BFN), Rio de Janeiro, Brazil. Title: *Working with catadores: The participatory sustainable waste management experience.* 25–28.11.2013. **(Invited Speaker)**

Coloquio: "Cartoneando" metrópolis en el cono sur: experiencias de investigación/acompañamiento con organizaciones de recuperadores en San Pablo, Montevideo y Buenos Aires. Universidade de Buenos Aires, Title: *Coleta seletiva com cooperativas de catadores: Experiencias da Região Metropolitana de São Paulo.* 24.06.2013. **(Invited Speaker)**

Lecture: Presentation at the David Suzuki Foundation. Title: *Resource recovery: Strategy to reduce poverty and build sustainable communities,* Vancouver, 1.12.2011.

Address: EXPOCATADORES 2010 International informal recyclers' fare. Title: *Mercado de Gestão de Resíduos Sólidos e Reciclagem: O papel das organizações de catadores na prestação de serviços com vistas ao atendimento da Política Nacional de Resíduos Sólidos.* São Paulo. 22.12.2010. **(Invited Speaker)**

Keynote speaker: 2<sup>nd</sup> Seminar on Public Policies for Inclusive Waste Management. Subtitle: Reciclagem: metodologias sustentáveis para os resíduos e a inclusão social. Câmara Municipal de São Paulo. Title: *Os impactos sociais da incineração.* 28.05.2010. **(Invited Speaker)**

Address: Environmental Studies Graduate Students Speaker Series. UVic, Victoria. Title: *Recovering resources: How inclusive waste management addresses poverty reduction and environmental health.* 12.03.2010.

Address: Technische Universität TU-Berlin, Berlin. Title: *Community-based Research at UVic.* 16.2.2010. **(Invited Speaker)**

## Publications, Jaan-Henrik Kain

Peer-reviewed original articles	JCR Impact Factor
McConville, J., Rauch, S., Helgegren, I., <b>Kain, J.-H.</b> (2016). Using Role-playing Games to Broaden Engineering Education. <i>International Journal of Sustainability in Higher Education</i> . Accepted for publication.	0.889
*Gutberlet, J., <b>Kain, J.-H.</b> , Oloko, M., Zapata, P. & Zapata Campos, M.J. (2016). 'De organización comunitaria a emprendedor socio-ambiental. El caso de la recolección de residuos domiciliarios en asentamientos informales en Kisumu, Kenia' (From Community-Based Organizations to Socio-Environmental Entrepreneurs. Waste picker entrepreneurs in Kisumu's informal settlements). Accepted for publication in a special issue of the journal <i>Enfoque</i> , University UCA, Managua, Nicaragua	–
Kremer, P., Hamstead, Z., Haase, D., McPhearson, T., Frantzeskaki, N., Andersson, E., Kabisch, N., Larondelle, N., Lorance Rall, E., Voigt, A., Baró, F., Bertram, C., Gómez-Bagethun, E., Hansen, R., Kaczorowska, A., <b>Kain, J.-H.</b> , Kronenberg, J., Langemeyer, J., Pauleit, S., Rehdanz, K., Schewenius, M., van Ham, C., Wurster, D., Elmquist, T. (2016). Key insights for the future of urban ecosystem services research. <i>Ecology and Society</i> , 21(2):29 [online]. 10.5751/ES-08445-210229	2.774
Lim. H.K., <b>Kain, J.-H.</b> (2016). 'Compact cities are complex, intense and diverse but: Can we design such emergent urban properties?' <i>Urban Planning</i> . In press. 10.17645/up.v1i1.535	–
<b>Kain, J.-H.</b> , Larondelle, N., Haase, D., Kaczorowska, A. (2016). 'Exploring local consequences of two land-use alternatives for the supply of urban ecosystem services in Stockholm year 2050'. <i>Ecological Indicators</i> . In press. 10.1016/j.ecolind.2016.02.062	3.444
Norrman, J., Volchko, Y., Hooimeijer, F., Maring, L., <b>Kain, J.-H.</b> , Bardos, P., Broekx, S., Beames A., Rosén, L. (2016). 'Integration of the subsurface and the surface sectors for a more holistic approach for sustainable redevelopment of urban brownfields.' <i>Science of The Total Environment</i> . In press. 10.1016/j.scitotenv.2016.02.097	4.099
*Gutberlet, J., <b>Kain, J.-H.</b> , Nyakinda, B., Dickens, O., Odhiambo, N., Oloko. M., Omolo, J., Omondi, E., Otieno, S., Zapata, P., Zapata Campos, M.J., (2016). 'Socio-environmental entrepreneurship and the provision of critical services in informal settlements'. <i>Environment &amp; Urbanization</i> . pp. 1-18. (Online First). 10.1177/0956247815623772	1.324
Kaczorowska, A., <b>Kain, J.-H.</b> , Kronenberg, J., Haase, D. (2015) 'Ecosystem services in urban land use planning: Integration challenges in complex urban settings - case of Stockholm'. <i>Ecosystem Services</i> . In press. <a href="http://dx.doi.org/10.1016/j.ecoser.2015.04.006">http://dx.doi.org/10.1016/j.ecoser.2015.04.006</a>	–
Rodríguez-Rodríguez, D., <b>Kain, J.-H.</b> , Haase, D., Baró, F., Kaczorowska, A. (2015). 'Urban self-sufficiency through optimised ecosystem service demand.'	1.012

An utopian perspective from European cities'. <i>Futures</i> . 70 pp13-23. <a href="http://dx.doi.org/10.1016/j.futures.2015.03.007">http://dx.doi.org/10.1016/j.futures.2015.03.007</a>	
Hansen, R., Frantzeskaki, N., McPhearson, T., Rall, E., Kabisch, N., Kaczorowska, A., <b>Kain, J-H.</b> , Artmann, M., Pauleit, S. (2015). 'The uptake of the ecosystem services concept in planning discourses of European and American cities'. <i>Ecosystem Services</i> , online January 2015, <a href="http://dx.doi.org/10.1016/j.ecoser.2014.11.013i">http://dx.doi.org/10.1016/j.ecoser.2014.11.013i</a>	-
*McConville, J., <b>Kain, J-H.</b> , Kvarnström, E., Ulrich, L. (2014). 'Participation in sanitation planning in Burkina Faso: theory and practice'. <i>Journal of Water, Sanitation and Hygiene for Development</i> , 4(2) pp. 304-312.	0.439
McConville, J., <b>Kain, J-H.</b> , Kvarnström, E., Renman, G. (2011). 'Bridging sanitation engineering and planning: theory and practice in Burkina Faso'. <i>Journal of Water, Sanitation and Hygiene for Development</i> , 1 (3) pp. 205–212.	0.439
<b>Kain, J-H.</b> , Söderberg, H. (2008) 'Management of complex knowledge in planning for sustainable development: The use of multi-criteria decision aids'. <i>Environmental Impact Assessment Review</i> 28, 7-21.	2.400

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Frantzeskaki, N., Haase, D., Baro, F., Gomez-Baggethun, E., Artmann, M., Schewenius, M., Elmqvist, T., Kaczorowska, A., **Kain, J-H.**, van Ham, C. (2013) 'Socio-ecological transitions of cities: Exploring spatial, ecological and governance dynamics in European cities'. *4rth International Conference on Sustainability Transitions*, 19-21 June 2013, Zurich, Switzerland. Reviewed proceedings.

McConville, J., **Kain, J-H.**, Kvarnström, E., Ulrich, L. (2012). 'Participation in Sanitation Planning in Burkina Faso: Theory and Practice'. *IWA Young Water Professionals Conference*, 10-13 July 2012 Budapest, Hungary. Reviewed proceedings.

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#### *Monographs*

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\*Polk, M., **Kain J-H.** (2015). 'Co-producing knowledge for sustainable urban futures'. In *Co-producing knowledge for sustainable cities: Joining forces for change*. M. Polk (Ed.). London, Routledge: 1-22.

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Wittgren, H.B., Norström, A., **Kain, J-H.**, Arnell, M. (editors) (2011). *StratPlan VA: Strategiska val i VA-planering*. CIT Urban Water: Göteborg.

**Kain, J-H.** (2010). ‘Multistakeholder Participation’. *Encyclopedia of Geography*. London: SAGE Publications: London.

McConville, J., **Kain, J-H.**, Kvarnström, E, (2010). ‘Perceptions of Local Sustainability in Planning Sanitation Projects in West Africa’ in Vliet, B., Spaargaren, G. and Oosterveer, P. (Eds.) Social Perspectives on the Sanitation Challenge. Pp 105-125. Springer.

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**Kain, J-H.**, Nolmark, H., Polk, M., Reuterswärd, L. (2011). *Mistra Urban Futures: Strategic Plan 2012-2015*. Göteborg : Chalmers University of Technology.

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McConville, J., **Kain, J-H.** (2014). Innovative Planning Approaches, in: McConville, J., Wittgren, H.B. (Eds.), Peri-Urban Sanitation and Water Service Provision: Challenges and opportunities for developing countries Stockholm Environment Institute, Stockholm, pp. 20-23.

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**Patrik Zapata****Peer-reviewed original articles**

	JCR Impact factor
Corvellec, H.; Ek, R; Zapata, P.; Zapata Campos, M. J. (2016) Acting on distances: A topology of accounting inscriptions, <i>Accounting, Organizations and Society</i> , online first. doi:10.1016/j.aos.2016.02.005	1.672
Gutberlet, J; Kain, JH; Nyakinda, B; Ochieng, DH; Odhiambo, N; Oloko, M; Omolo, J; Ozondi, E; Otieno, S; Zapata, P; Zapata Campos, MJ (2016) Socio-environmental entrepreneurship and the provision of critical services in informal settlements, <i>Environment &amp; Urbanization</i> , DOI: 10.1177/0956247815623772	1.324
Alvarez de Andrés, E, Patrik Zapata and María José Zapata Campos (2015) Stop the evictions! The diffusion of networked social movements and the emergence of a hybrid space: The case of the Spanish Mortgage Victims Group, <i>Habitat International</i> , Volume 46, April 2015, Pages 252–259.	1.746
Zapata, P; Zapata Campos, M. J. (2015) Unexpected translations in urban policy mobility. The case of the Acahualinca development programme in Managua, Nicaragua, <i>Habitat International</i> , Volume 46, April 2015, Pages 271–276.	1.746
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Corvellec, H.; Zapata Campos, M. J. ; Zapata, P. (2013) Infrastructures, lock-in, and sustainable urban development e the case of waste incineration in the Göteborg Metropolitan Area, <i>Journal of Cleaner Production</i> , vol 50: 32–39. <a href="http://dx.doi.org/10.1016/j.jclepro.2012.12.009">http://dx.doi.org/10.1016/j.jclepro.2012.12.009</a>	3.844
Zapata Campos, M. J. & Zapata, P. (2013) Switching Managua on! Connecting informal settlements to the formal city through household waste collection, <i>Environment and Urbanization</i> , ol 25(1): 1–18. DOI: 10.1177/0956247812468404	1.324
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Cregård, A.; Solli, R.; Zapata, P. (2013). Crisis and Organisational Innovation. <i>Uprava/Administration</i> , X(4), 35–49	
Johansson (Zapata), P. (2007) Legitimacy Lost and Back to Normality, <i>Electronic Journal of Business Ethics and Organization Studies</i> , 12 (3)	

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- Zapata P, & Zapata Campos MJ (2015) Challenging the throw-away society-Environmental movements and waste prevention practices in Gothenburg, Sweden, ESA conference, Prague, August 2015
- Zapata Campos, M. J. ; Zapata, P.; Jylkkä, M. (2015). Cities in the lead of sustainable transitions. The structuration of an emergent field of waste prevention policies in Sweden. Nordic Environmental Social Science Conference (NESS) 2015 "Contested Natures – New Strategies, Ideas and Dialogues?", Trondheim, Norway
- Álvarez de Andrés, E, Patrik Zapata and María José Zapata Campos (2014) Networked social movements – fuelling resistance and change through hybrid public spaces. Laemos 2014, La Habana, Cuba. Honoured with the "Laemos 2014 best paper award"
- Zapata Campos, M. J. ; Zapata, P. (2014). When visions for city planning and development are translated into practice. EGOS 2014, Rotterdam, The Netherlands.
- Zapata Campos, M. J. ; Zapata, P. (2014). The multiplex Chureca. Relational sites and the organizing of socio-spatial change. Laemos 2014, La Habana, Cuba.
- Corvellec, Hervé ; Zapata Campos, M. J. ; Zapata, P. (2013) Extending the realm of accounting inscriptions: Pay-As-You-Throw (PAYT) solid waste collection invoicing and the moral enrolment of residents in environmental governance. AOS conference on "Performing business and social innovation through accounting inscriptions", Galway.
- Zapata Campos, M. J. & Zapata, P. (2012) Every Heaven requires its Hell: the consume & discard society and the invisible city, Nordic Conference on Consumer Research, May 2012, Gothenburg.
- Zapata Campos, M. J. & Zapata, P. (2011) Global narratives of sustainable waste governance in Managua, Nicaragua. Globalization and Development: Rethinking Interventions and Governance, University of Gothenburg, Sweden, November 2011, Gothenburg.
- Zapata Campos, M. J. & Zapata, P. (2011) The hybridisation of city management, 6th Organization Studies Work Shop, May 2011, Paris.
- Zapata, P. & Zapata Campos, M. J. (2010) Organising La Chureca. A journey through Hell, Earth and Heaven - Global and Local actors in city-sustainability. European Group of Organisation Studies Conference, July 2010, Lisbon.

### Book and book chapters

#### Books

- Rombach, B. & Zapata, P. (2010)(eds.) *The Rise of Management-Speak*, Stockholm: Santérus Academic Press

#### Book chapters

- Álvarez de Andrés, E.; Zapata, P.; Zapata Campos, M.J. (2016) "Networked Social Movements and the Politics of Mortgage: From the Right to Housing to the Assault on Institutions" In *Lessons from the Great Recession: At the Crossroads of Sustainability and Recovery*. 231-249. Permanent link to this document: <http://dx.doi.org/10.1108/S2051-503020160000018010>
- Zapata, P & Zapata Campos, MJ (2015) 'Producing, appropriating, and recreating the myth of the urban commons', in *Urban Commons: Rethinking the City*, Editors: Borch, C; Barinaga, E; Kornberger, M: Routledge
- Zapata Campos, M.J., Zapata, Eriksson-Zetterquist, U. (2014). Waste socio-technological transitions: from landfilling to waste prevention. In Loschiavo dos Santos, M.C. & Walker, S. *Embalagens: design, resíduos e políticas públicas / Packages: design, waste and policy*.

- \* Zapata, Patrik (2013) Waste in Translation. Global ideas of urban waste management in local practice. In Zapata Campos, M.J. & Hall, M. (eds.) *Organising waste in the city: international perspectives on narratives and practices*, Cha 5. Bristol: The Policy Press.
- Zapata Campos, M. J. & Zapata, P. (2013) Urban waste: closing the system. In Pearson, L.J., Newton, P. & Roberts, P. (eds.) *Resilient Sustainable Cities*, London: Taylor & Francis/Routledge.
- Zapata, P. & Rombach, B. (2010) Management-Speak, In Rombach, B. & Zapata, P. (eds.) *The Rise of Management-Speak*, Stockholm: Santérus Academic Press, pp. 7-32.
- Zapata, P. (2010) What Management-Speak Does, In Rombach, B. & Zapata, P.(eds.) *The Rise of Management-Speak*, Stockholm: Santérus Academic Press, pp. 203-222.
- Johansson (Zapata), P. (2006) Skandal! Att förlora och återfå andras förtroende, Johansson, I.L., Jönsson, S. & Solli, R. (eds.) *Värdet av förtroende*, Lund: Studentlitteratur, pp. 85-101.

**Popular science publications/presentations**

- Hervé Corvellec, Richard Ek, Patrik Zapata & María José Zapata, Towards the waste preventing city, Meeting point Urban Magma, Kristianstad, 9 mars 2016.
- Patrik Zapata & María José Zapata, Environmental citizenship, waste and the throw-away society, 9 februari 2016, Hållbarhet 2016, ett samarrangemang mellan Chalmers Tekniska högskola och Göteborgs universitet.
- María José Zapata Campos & Patrik Zapata, The (Eco)Trojan horse enters the City Hall. Citizen-driven initiatives, waste prevention practices and social change, Environmental social science dialogues, Dec 10, 2015, School of Global Studies, Gothenburg University.
- Urban Lunch-Time, Mistra Urban Future ”Hållbar avfallshantering i praktiken i Sverige och Nicaragua”, med Hervé Corvellec, 4 mars 2014.
- ”Organizing waste management, waste governance and sustainable urban development”, presentation på Borås högskola, med Hervé Corvellec, september 2013
- ”Vad händer i den idéburna organisationen när jag kallar mig vd istället för gs?”, Ideell Arena, februari 2012.
- ”Avfallets multipla ontologi”, Västra Götalands utbildning för inköpare, december 2011
- ”Sammankopplandet av staden genom avfallshantering”, Förvaltningshögskolans dag 2011
- ”La gestión pública, el escándalo y la pérdida de legitimidad. Lecciones de un caso europeo”. Universidad Centroamericana och Konrad Adenauer Stiftung, Managua, Nicaragua, feb 2010
- Tema-ansvarig på företagsekonomiska ämneskonferensen 2010, för temat ”Bolagsstyrning (Corporate Governance), styrning av offentliga organisationer och frivilligorganisationer”
- ”Klimatismen och den offentliga sektorn”, Förvaltningshögskolans dag 2008
- ”Ekonomiskan, ett äckligt framgångsrikt språk”. Pedagogiska institutionens forskarutbildning, GU, sept 2005

## Publications, Goodluck Charles

Peer-reviewed original articles	JCR Impact Factor
Tuccu T. S., Charles G., & Issack S. A. (2016). The Effects of Organizational Capabilities on The Success of Eritrean Wood And Metal Manufacturing Firms; <i>African Journal of Economic and Management Studies</i> : forthcoming, Emeralds	0.16
Charles G. (2016). Effects of nepotism and family conflicts on the performance of family-owned firms in Tanzania: contrasting views; <i>Business Management Review</i> ; Vol.18 (1): 25-35	-
Charles, G., & Mori, N. (2016). Effect of Collateral on Loan Repayment: Evidence from Informal Lending Institutions in Tanzania. <i>Journal of African Business</i> , Vol. 17, No. 2, 254–272.	0.380 (JIF=6.63)
Abaho E., Charles G., Olomi D.R (2015). Students' entrepreneurial self-efficacy: does the teaching method matter?; <i>Journal of Education and Training</i> ; vol:57, iss:8/9	-
Charles G (2014) "The effect of the regulatory framework on the competitiveness of the dairy sector in Tanzania", <i>International Journal of Public Sector Management</i> , 27(4): 296 – 305	0.320
Charles G. (2014). Role of Family Resources in Firm Performance: Evidence from Tanzania; <i>Journal of African Business</i> , 15 (2):122-135	0.380 (JIF=6.63)
Charles G. & Rwehikiza D. (2013). Owner Managers' Perception of the Impact of Regulations on the Competitiveness of Food Processors in Tanzania: <i>Business Management Review</i> , 16: 128-152	-
Charles G. (2011). Comparing Competitiveness of Family and Non-Family SMEs in Tanzania: <i>Business Management Review</i> , 15: 108-131	-

*Peer-reviewed conference contributions*

- Olomi D. & Charles G. (2016). Indirect Business Formalization: An Inclusive Approach to Regulating the Second Economy: A paper Presented at the 17<sup>th</sup> International Academy of African Business and Development (IAABD)n, Arusha, Tanzania
- Charles G. (2015). Effectiveness of State-Business Relations in the Food-Processing Sub-Sector in Tanzania: Private Sector Perspective; a paper presented at the 16th International Academy of African Business and Development (IAABD), Nairobi, Kenya
- Charles G. (2014). Antecedents and challenges of street vending in Dar es Salaam: an exploratory survey; a paper presented at the 14th International Conference on African Entrepreneurship & Small Business, Dar es Salaam, Tanzania
- Charles G., Jeppesen S. Kamau P, Kragelund P. (2015). Firm-level perspectives on State-Business Relations in Africa: The food-processing sector in Kenya, Tanzania and Zambia; a paper presented at the 3rd Joint Nordic Conference on Development Research at Gothenburg University, Sweden, 5-6 November, 2015.
- Charles G. & Mori N. (2015). Loan Repayment Performance In Informal Lending Institutions: Does Client Borrowing History Matter? ICABUMPA-iN4iN Conference held on 26th- 31ST October, 2015 at KICC, Nairobi Kenya
- Charles G. (2010): Strategic Orientation between Family and Non-Family Firms in Tanzania; Paper presented at the 10th Annual International Conference: International Academy of African Business and Development (IAABD), Makerere, Uganda
- Charles G. (2007) Determinants of Consumer Buying Decisions for Residential Properties in Developing Countries: A Case of Dar es Salaam City In Tanzania; Paper presented at the 8th Annual International Conference: International Academy of African Business and Development (IAABD), London
- Charles G., Per Nilsson and Jan Erik (2006). Competitive Advantage of Family and Non-Family SMEs in the Developing Countries Context-A Conceptual Framework Paper presented at the 7th Annual International Conference International Academy of African Business and Development (IAABD), Accra Ghana
- Matambalya F. & Charles G. (2001) “Opportunities for Small and Medium Scale Enterprises in a Liberal market Economy”, A paper presented at African Business Forum in Pretoria South

*Book Chapters*

- Charles G. (2016): public-private dialogue and policy reforms: lessons from Tanzania; Book Chapter in a Handbook on Public Affairs, Sage Publication, forthcoming
- Charles G. & Olomi D.R (2015). Promoting Entrepreneurship at University: Experience of the University of Dar es Salaam Entrepreneurship Centre; Book Chapter in Handbook on Entrepreneurship promotion at Universities by In4In Africa,
- Charles G. & Rwehikiza D. (2014). Regulations and Competitiveness of the Food Processing Sector in Selected African Countries; Chapter 4 in Promoting Trade Competitiveness in Developing Countries (Pg.39-66); Edited by Wineaster A., Marcellina M. and John R.M.; Cambridge Scholars Publishing

*Other scientific publications, e.g., reports and policy briefs*

- Charles G. & Semkunde M. (2016). The Challenges of Compliance with Fire and Rescue Act, 2007: Research Report for Tanzania Chamber of Commerce, Industries and Agriculture (TCCIA)
- Charles G. (2013). Follow-up And Evaluation of The Enforcement of The Weights and Measures Act of 1982: Research Report & Policy Brief; TCCIA-Iringa
- Charles G. (2013). Challenges of Regulatory Framework on the Performance of Food Processing Firms in Tanzania: Research Report & Policy Brief: Confederation of Tanzania Industry
- Charles G &Genuine M. (2013). Implementation of the Zero-Rating VAT in the Dairy Sector: Policy Brief Tanzania Milk Processors Association (TAMPA)
- Charles G. (2011) Harmonization of Regulatory Framework in the Dairy Sector: Research Report & Policy Brief; TAMPA

## **Publications, Jessica Pérez-Reynosa**

### *Working Papers*

- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). *Impact of Duration of Primary Education on School Outcomes: A Cross-Country Analysis*. IZA Discussion Papers 7793, Institute for the Study of Labor (IZA).
- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). *Do More Educated Leaders Raise Citizens' Education?* IZA Discussion Papers 7661, Institute for the Study of Labor (IZA).
- Pérez-Reynosa, J., & Iranzo Sancho, S. (2012). *Determinants of Decentralization within the Firm: Some Empirical Evidence from Spanish Small and Medium- Sized Enterprise*, Working Papers 2072/211755, Universitat Rovira i Virgili, Department of Economics.

### *Presentations*

- Pérez-Reynosa, J. (2014). 'Clima de inversiones en Nicaragua y su efecto sobre la productividad de las empresas', *VI Encuentro de Investigación de Posgrados, Universidad Centroamericana (UCA)*. 23 August, 2014, Managua, Nicaragua.
- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). 'Impact of Duration of Primary Education on School Outcomes: A Cross-Country Analysis'. *Brown Bag Seminar, Institute of Economics (IdEP)*. 22 May, 2013, Lugano, Switzerland.
- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). 'Do More Educated Leaders Raise Citizens' Education?'. *Workshop on Empirical Research in Economics of Education*, 3-4 October 2013, Reus, Spain.
- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). 'Do More Educated Leaders Raise Citizens' Education?'. *Workshop on Empirical Research in Economics of Education*, 29 June-5 July 2013, Moscow, Russia.
- Díaz-Serrano, L. & Pérez-Reynosa, J. (2013). 'Do More Educated Leaders Raise Citizens' Education?'. *XVI Applied Economics Meeting*, 6-7 June, 2013, Granada, Spain.
- Pérez-Reynosa, J., & Iranzo Sancho, S. (2012). 'Determinants of Decentralization within the Firm: Some Empirical Evidence from Spanish Small and Medium- Sized Enterprise'. *XXVI Jornadas de Economía Industrial (JEI)*, 13-14 September 2012, Murcia, Spain.

### *Monographs*

- Pérez-Reynosa, J. (2013). *Essays on Human Capital* (Doctoral thesis). Universitat Rovira I Virgili, Reus, Spain. Retrieved from <http://passthrough.fw-notify.net/download/190590/http://www.tesisenred.net/bitstream/handle/10803/128945/Thesis.pdf?sequence=1>

### *Other scientific publications, e.g., books, book chapters, reports*

- Solórzano, J. L. (Coord.). (2016). *Derechos Humanos, Emprendimiento Social, Negocios Responsables y Sostenibilidad: El sector empresarial como agente de progreso económico y social en Centroamérica*. Managua, Nicaragua: Universidad Centroamericana (UCA).

- Rizo, M., Murillo, K., Ruiz, S., & Ortega, G. (Coord.). (2014). *Caracterización Socioeconómica y de Salud de Personas Recicadoras: Centros Urbanos, vertederos principales de basura de todas las ciudades cabeceras departamentales en Nicaragua 2013-2014*. Managua, Nicaragua: Universidad Centroamericana (UCA).

Díaz-Serrano, L. (Coord.). (2013). *Determinants and Consequences of the School Dropouts: an Experimental and Empirical analysis in the context of the compulsory and higher Education in Spain*. Reus, Spain: Universitat Rovira i Virgili.

Urbina, J. & Pérez-Reynosa, J. (2007). *Diagnóstico Rural Participativo en la Comunidad Plan Grande No. 2, Municipio de Quilalí, Departamento de Nueva Segovia*. Managua, Nicaragua: Programa Nehemias CEPAD.



# CV

## CV - Maria José Zapata Campos

**Namn:** Maria José Zapata Campos  
**Födelsedatum:** 19720401  
**Kön:** Kvinna  
**Land:**Sverige

**Dr-examen:** 2008-09-16  
**Akademisk titel:** Docent  
**Arbetsgivare:** Göteborgs universitet

## Utbildning

### Forskarutbildning

Examen	Organisation
Doktorsexamen, 50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi), 2008-09-16	Universidad de Alicante, Department of Sociology II. School of Business and Economics

### Utbildning på grund- och avancerad nivå

År	Examen
1998	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi), Magisterexamen, Universidad de Alicante
1994	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi), Kandidatexamen, Universidad de Alicante

## Arbetsliv

### Anställningar

Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare
juli 2009 - Nuvarande	Forskare, Tillsvidareanställning	100	Göteborgs universitet, GRI
januari 2016 - augusti 2016	Lektor, Tillsvidareanställning	20	University of Borås, Akademin för textil teknik och ekonomi
januari 2014 - juli 2015	Lektor, Tillsvidareanställning	35	Copenhagen Business School, Department of Organization
november 2010 - oktober 2011	Forskare	100	Lunds universitet, Service management och tjänstevetenskap 253211

### Postdoktorvistelser

Period	Organisation	Ämne
juli 2009 - december 2012	Göteborgs universitet, GRI	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)

### Forskarutbyten

Period	Typ	Organisation	Ämne
mars 2012 - april 2012	Gästforskare	Universidad Miguel Hernández, Department of Social Sciences	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)
december 2009 - mars 2010	Gästforskare	UCA Universidad Centro Americana en Nicaragua, Business School	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)
februari 2004 - oktober 2005	Gästforskare	Göteborgs universitet, Förvaltningshögskolan	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)

Period	Typ	Organisation	Ämne
april 1999 - juni 1999	Gästforskare	University of Otago	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)

### Uppehåll i forskningen

Period	Beskrivning
2011-10-15 - 2012-05-15	Maternity leave
2008-12-01 - 2009-02-01	Maternity leave
2007-10-26 - 2008-04-30	Maternity leave

### Meriter och utmärkelser

Docentur		
År	Ämne	Organisation
2014	50202. Företagsekonomi	Göteborgs universitet, GRI

### Handledda personer

År	Handledd person	Roll
2014	Doktorand, Foday Drammeh, Göteborgs universitet	Bihandledare

### Bidrag erhållna i konkurrens

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2016 - 2018	Formas	María José Zapata Campos	Projektledare	0	3000000
2014 - 2015	Swedish Research Institute for Local Democracy	María José Zapata	Projektledare	0	1636000
2014 - 2016	Energimyndigheten	Per O Berg	Medverkande	0	5300000
2014 - 2017	Formas	Hervé Corvellec	Medverkande	0	7900000
2013 - 2013	VINNOVA - Verket för innovationssystem	Tobias Richards	Medverkande	0	300000
2011 - 2012	Sverige - Universitet och högskolor	Patrik Zapata	Medverkande	0	910000
2009 - 2013	VINNOVA - Verket för innovationssystem	Hervé Corvellec	Medverkande	0	5200000
2009 - 2012	Wallander Foundation	María José Zapata	Projektledare	0	1200000

### Priser och utmärkelser

År	Namn på priset/utmärkelsen	Utfärdare
2015	Best paper award	LAEMOS Conference, Latin American Conference on Organisation Studies

### Övriga meriter

Period	Typ av merit	Beskrivning
2016 - 2016	Bibliometrics summary	Bibliometric summary 2011-2016 María José Zapata Campos Google Scholar: Documents: 22; Citations (All/Since 2011): 208/196; h-index 6/6; i10-index 5/4 Scopus: Documents: 7; Citations: 17; h-index: 3 Web of Science: Results: 2 Summary of publications since 2011: Peer reviewed articles in international journals: 14; Peer reviewed books: 1; Peer reviewed book chapters: 9; Non peer-reviewed publications: 4.

## CV - Patrik Zapata

<b>Namn:</b> Patrik Zapata	<b>Dr-examen:</b> 2004-06-03
<b>Födelsedatum:</b> 19671217	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Man	<b>Arbetsgivare:</b> Göteborgs universitet
<b>Land:</b> Sverige	

## Utbildning

### Forskarutbildning

Examen	Organisation	Avhandlingens titel (originalspråk)
Doktorsexamen, 50999. Övrig annan samhällsvetenskap, 2004-06-03	Göteborgs universitet, Förvalningshögskolan	Iskandalers spår. Förlorad legitimitet i svensk offentlig sektor

### Utbildning på grund- och avancerad nivå

År	Examen
1996	50701. Kulturgeografi, Kandidatexamen, Göteborgs universitet
1994	50999. Övrig annan samhällsvetenskap, Kandidatexamen, Göteborgs universitet

## Arbetsliv

### Anställningar

Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare
juni 2007 - Nuvarande	Lektor	20	Göteborgs universitet, Förvalningshögskolan

### Forskarutbyten

Period	Typ	Organisation	Ämne
mars 2012 - april 2012	Gästforskare	Universitas Miguel Hernandez, Social and Human Sciences	50401. Sociologi (exklusive socialt arbete, socialpsykologi och socialantropologi)
december 2009 - februari 2010	Gästforskare	University of Central America, Managua, Nicaragua, Business school	50202. Företagsekonomi

### Uppehåll i forskningen

Period	Beskrivning
2012-03-01 - 2012-12-31	Parental leave 50%
2008-01-01 - 2009-08-16	Parental leave 20%

## Meriter och utmärkelser

### Docentur

År	Ämne	Organisation
2012	50999. Övrig annan samhällsvetenskap	Göteborgs universitet, Förvalningshögskolan

## Handledda personer

År	Handledda personer	Roll	Antal
2018	Doktorand, Julia Carlsson, Göteborgs universitet	Bihandledare	
2016	Doktorand, Johanna Andersson, Göteborgs universitet	Bihandledare	
2016	Doktorand, Ingrid Gustafsson	Huvudhandledare	
2008	Doktorand, Staffan Kling	Bihandledare	
	Student	Huvudhandledare	50

## Bidrag erhållna i konkurrens

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2016 - 2018	Formas	María José Zapata Campos	Medverkande	0	300000
2016 - 2016	Formas	Patrik Zapata	Projektledare	0	58000
2014 - 2017	Formas	Herve Corvellec	Medverkande	0	7900000
2014 - 2015	Internationellt centrum för lokal demokrati	María José Zapata Campos	Medverkande	0	1700000
2014 - 2017	VR-Vetenskapsrådet	Patrik Zapata	Projektledare	0	700000
2011 - 2012	Sverige - Universitet och högskolor	Patrik Zapata	Projektledare	0	910000
2010 - 2011	Sverige - Universitet och högskolor	Patrik Zapata and María José Zapata Campos	Projektledare	0	300000
2008 - 2008	Wallanderstiftelsen	María Jose Zapata Campos	Medverkande	0	180000
2007 - 2008	Sverige - Övriga statliga myndigheter	Patrik Zapata	Projektledare	0	1800000

## Övriga meriter

Period	Typ av merit	Beskrivning
2010 - 2015	Editor-in-Chief Scandinavian Journal of Public Administration	Editor-in-Chief

## CV - Jutta Gutberlet

Namn:	Jutta Gutberlet	Dr-examen:	1990-05-31
Födelsedatum:	19580817	Akademisk titel:	Professor
Kön:	Kvinna	Arbetsgivare:	University of Victoria
Land:	Kanada		

## Utbildning

### Forskarutbildning

Examen	Organisation	Avhandlingens titel (originalspråk)
Doktorsexamen, 50701. Kulturgeografi, 1990-05-31	Eberhard-Karls Universität Tübingen, Geographisches Institute	Industrieproduktion und Umweltzerstörung im Wirtschaftsraum Cubatão/São Paulo, Brasilien. Tübinger Geographische Studien, 106 (Tübinger Beiträge zur Geographischen Lateinamerika-Forschung, No. 7

## Arbetsliv

### Anställningar

Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare
januari 2016 - Nuvarande	Professor, Tillsvidareanställning	100	University of Victoria
december 2007 - januari 2016	Lektor, Tillsvidareanställning	100	University of Victoria
januari 2003 - december 2007	Forskarassistent, Tillsvidareanställning	100	University of Victoria
januari 2001 - december 2003	Forskarassistent, Tidsbegränsad anställning	100	University of Victoria
januari 1998 - juli 2000	Lektor, Tidsbegränsad anställning	50	University of Newcastle, Department of Geography and Environmental Science
februari 1996 - december 1997	Lektor, Tidsbegränsad anställning	50	University of Newcastle, Department of Geography and Environmental Science
januari 1995 - februari 1996	Forskare, Tidsbegränsad anställning	100	Centro de Estudos de Cultura Contemporânea, São Paulo
juli 1992 - december 1994	Forskningsassistent, Tillsvidareanställning	100	Eberhard Karls Universität Tübingen
november 1990 - maj 1992	Associate Professional Officer, Tidsbegränsad anställning	0	United Nations Food and Agriculture Organization, Forest Department, Quito, Ecuador.
april 1990 - november 1990	Junior Professional Officer, Tidsbegränsad anställning	0	United Nations World Food Program, East Africa Division, Rome, Italy

### Forskarutbyten

Period	Typ	Organisation	Ämne
mars 2015 - maj 2015	Gästprofessor	Université Sorbonne Nouvelle, Institut des Hautes Études de l'Amérique Latine (IHEAL)	50701. Kulturgeografi
november 2013 - mars 2014	Gästprofessor	University of São Paulo	50701. Kulturgeografi
augusti 2012 - mars 2013	Gästprofessor	University of São Paulo, CAPES	50701. Kulturgeografi

### Meriter och utmärkelser

#### Handledda personer

År	Handledda personer	Roll
2016	Licentiat, Rhianna Nagel	Huvudhandledare
2013	Doktorand, Crystal Tremblay	Huvudhandledare
2013	Licentiat, Lisa Willott	Huvudhandledare
2012	Licentiat, Megan King	Huvudhandledare
2011	Licentiat, Brandon Beatty	Huvudhandledare
2009	Licentiat, Jules Yates	Huvudhandledare
2008	Licentiat, Emma Taylor	Huvudhandledare
2007	Licentiat, Tremblay Crystal	Huvudhandledare

#### Bidrag erhållna i konkurrens

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2016 - 2017	Ej Sverige - Universitet och högskolor	Gutberlet	Projektledare	0	9916
2015 - 2017	Ej Sverige - Universitet och högskolor	Gutberlet	Projektledare	0	75000

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2013 - 2014	Ej Sverige - Internationella organisationer	Gutberlet	Medverkande	0	66093
2013 - 2014	Ej Sverige - Internationella organisationer	Gutberlet	Projektledare	0	28250
2010 - 2016	Ej Sverige - Universitet och högskolor	Gutberlet	Projektledare	0	99892
2005 - 2012	Ej Sverige - Internationella organisationer	Gutberlet	Projektledare	0	1000000

## Priser och utmärkelser

År	Namn på priset/utmärkelsen	Utfärdare
2015	Excellence 2015: Faculty of Social Sciences Outstanding Community Service Award	University of Victoria
2014	Von Martius Sustainability Award, 2014, Category 'Nature'	Câmara Brasil-Alemanha, São Paulo, Brazil
2009	1st prize for best Video. III Amostra de Video Amador sobre o tema de Resíduos Solidos – DIADESOL. Title: Beyond Gramacho – Além de Gramacho.	ABES – Associação Brasileira de Engenharia Sanitária do Estado de São Paulo and Fórum Lixo e Cidadania do Estado de São Paulo

## CV - Jaan-Henrik Kain

<b>Namn:</b> Jaan-Henrik Kain	<b>Dr-examen:</b> 2003-06-13
<b>Födelsedatum:</b> 19600419	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Man	<b>Arbetsgivare:</b> Chalmers tekniska högskola
<b>Land:</b> Sverige	

## Utbildning

Forskarutbildning		
Examen	Organisation	Avhandlingens titel (originalspråk)
Doktorsexamen, 20101. Arkitekturteknik, 2003-06-13	Chalmers tekniska högskola, Inst för Arkitektur	Sociotechnical Knowledge: An Operationalised Approach to Localised Infrastructure Planning and Sustainable Urban Development
Licentiatexamen, 20101. Arkitekturteknik, 2000-11-07	Chalmers tekniska högskola, Inst för Arkitektur	Urban Support Systems: Social and Technical, Socio-Technical or Sociotechnical?

## Utbildning på grund- och avancerad nivå

År	Examen
1989	20101. Arkitekturteknik, Arkitektxamen/motsv, Chalmers tekniska högskola

## Arbetsliv

Anställningar				
Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare	Övrig information
april 2016 - Nuvarande	Professor, Tillsvidareanställning	70	Chalmers tekniska högskola, 5570 - Stad	Bitr. professor

Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare	Övrig information
oktober 2010 - april 2016	Forskare, Tillsvidareanställdning	60	Chalmers tekniska högskola, 5570 - Stad	Docenttjänst
juni 2009 - september 2010	Forskare, Tidsbegränsad anställning	80	Chalmers tekniska högskola, 5570 - Stad	Oavlönad docent
november 2008 - juni 2009	Forskare, Tidsbegränsad anställning	80	Chalmers tekniska högskola, 5570 - Stad	
november 2004 - oktober 2008	Forskarassistent, Tidsbegränsad anställning	100	Chalmers tekniska högskola, 5570 - Stad	
juni 2003 - oktober 2004	Postdoktor, Tidsbegränsad anställning	100	Chalmers tekniska högskola, 5570 - Stad	
oktober 1997 - juni 2003	Doktorand, Tidsbegränsad anställning	100	Chalmers tekniska högskola, 5570 - Stad	

#### Postdoktorvistelser

Period	Organisation	Ämne
juni 2003 - oktober 2004	Chalmers tekniska högskola, Inst för Arkitektur	20101. Arkitekturteknik

#### Meriter och utmärkelser

##### Docentur

År	Ämne	Organisation
2009	201. Samhällsbyggnadsteknik	Chalmers tekniska högskola, Inst för Arkitektur

##### Handledda personer

År	Handledda personer	Roll
2017	Postdok, Marco Adelfio, Chalmers tekniska högskola	Huvudhandledare
2016	Licentiat, Hye Kyung Lim, Chalmers tekniska högskola	Huvudhandledare
2013	Postdok, Anna Kazcorowska, Chalmers tekniska högskola	Huvudhandledare
2013	Postdok, David Rodríguez Rodríguez, Chalmers tekniska högskola	Huvudhandledare
2011	Doktorand, Jennifer McConville, Chalmers tekniska högskola	Huvudhandledare
2009	Licentiat, Jennifer McConville, Kungliga Tekniska högskolan	Bihandledare

##### Bidrag erhållna i konkurrens

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2016 - 2018	Formas	María José Zapata Campos	Medverkande	609000	3000000
2014 - 2016	Formas	Jaan-Henrik Kain	Projektledare	0	5841000
2014 - 2015	Internationellt centrum för lokal demokrati	María José Zapata Campos	Medverkande	383245	1636000
2014 - 2016	VR-Vetenskapsrådet	Patrik Zapata	Medverkande	153000	712000
2013 - 2015	Europeiska Unionen (EU)	Jenny Norrman	Medverkande	277000	2039000
2011 - 2013	Formas	Jaan-Henrik Kain	Projektledare	0	1800000
2011 - 2014	Europeiska Unionen (EU)	Britt Olofsdotter	Medverkande	225000	0

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2010 - 2013	Mistra - Stiftelsen för miljöstrategisk forskning	Jaan-Henrik Kain	Projektledare	0	70500000
2007 - 2009	SIDA-Styrelsen för internationellt utvecklingsarbete	Anna Norström	Medverkande	225000	699000
2006 - 2009	SIDA-Styrelsen för internationellt utvecklingsarbete	Jaan-Henrik Kain	Projektledare	0	1000000

## Övriga meriter

Period	Typ av merit	Beskrivning
2009 - 2018	Academic commission	Collaboration with Maseno University through the Linnaeus Palme program. Teacher and student exchange between Chalmers and Maseno University. Project leader and initiator.
2012 - 2018	Academic commission	Nordic Coordinator of the Nordic double degree Masters's Programme Sustainable Urban Transitions (NMPSUT), leading Programme Board activities and annual meetings, continuous programme development, leading academic admission procedures, etc
2011 - 2016	Bibliometric summary 2011-2016	Google Scholar: Documents: 56; Citations (All-Since 2011): 199-90; h-index 7-4; i10-index 6-2 --- Scopus: Documents: 12; Citations: 45; h-index: 4 --- Web of Science: Results found: 6; Sum of the Times Cited: 21; Without self-citations: 20; h-index: 2 --- Summary of publications since 2011: Peer reviewed articles in international journals: 12 (Accepted for publication: 3 Ecology and Society; IJSHE; Enfoque; In press: 5 Urban Planning; Ecological Indicators; Science of The Total Environment; Environment & Urbanization; Ecosystem Services; In print: 4 Futures; Ecosystem Services; Journal of Water Sanitation and Hygiene for Development [2]); Peer reviewed books, book chapters and conference proceedings: 6 (Routledge; Edward Elgar); Non peer-reviewed publications: 9; Books and book chapters in Swedish: 1; Reports in Swedish: 1
2001 - 2015	Interaction with stakeholders	Facilitation of collaborative multi-stakeholder learning processes. Some examples include facilitation of workshops in Managua, Nicaragua (30 stakeholders from public agencies and NGOs); Kisumu, Kenya (20 public officials, consultants, NGOs and researchers + two workshops in informal settlements with 40 participants); Stockholm, Sweden (five workshops with 15 public officials, consultants, NGOs and researchers); Gothenburg, Sweden (15 workshops with 5-50 politicians, public officials, consultants, NGOs and researchers); Adenta, Accra, Ghana (12 public officials from the Adenta Municipal Assembly); the City of Södertälje (five workshops with 30 inhabitants, public officials and consultants); the City of Sundsvall (34 officials and politicians).
2015 - 2015	Presentation	'Luchando contra la pobreza y construyendo democracia: mediante la co-producción de servicios participativos de gestión de residuos: el caso de Kisumu, Kenia' Combatiendo pobreza y construyendo democracia mediante prácticas participativas de recolección y gestión de residuos sólidos urbanos at Universidad Centroamericana UCA de Nicaragua. 15 January 2015, Managua, Nicaragua.
2013 - 2013	Presentation	'Dense Cities'. Mistra Urban Futures international meeting at African Center for Cities, 13-15 March 2013, Cape Town, SA.
2010 - 2013	Academic commission	Director of the UF Arena, Center management team at HQ, and research leader at the Mistra Centre of Excellence for Sustainable Urban Futures. During my work as research leader at the center, I organized and facilitated numerous national and international workshops and seminars with a transdisciplinary character, such as seminars supporting joint academic/practitioner leadership of research projects for five pilot projects of the center during 2010-2011 and joint academic/practitioner seminars for developing focus area of the center during 2011.
2013 - 2013	Keynote	'Competing for Urban Land Synthesis Report', presentation at Urban Nexus Dialogue Café, 5 April 2013, Gothenburg, Sweden.
2013 - 2013	Presentation	'Land use change scenarios'. Presentation at the URBES 2nd Annual Meeting at Technische Universität München. 5-8 March 2013, Freising, Germany.
2013 - 2013	Presentation	'Position Papers: Fair, Green & Dense Cities'. Mistra Urban Futures international meeting at African Center for Cities, 13-15 March 2013, Cape Town, SA.

Period	Typ av merit	Beskrivning
2010 - 2012	Academic commission	Leader of the process of developing a Nordic double degree Master's Programme in Sustainable Urban Transitions (NMPSUT) in collaboration with academic partners at five Nordic universities, including development of consortium agreement, curriculum, course descriptions, and promotion material. This also included writing an application and securing a 1,000,000 DKK grant from the Nordic Council of Ministers in support of programme development, and reporting back to the Nordic Council of Ministers.
2012 - 2012	Keynote	'Fair, Green & Dense Cities', presentations at IFHP World Congress 2012 17-18 September 2012, Gothenburg, Sweden.
2003 - 2012	Evaluation Committee PhD dissertations	Deputy member of the evaluation committee at public dissertation at Chalmers Architecture: Nel Janssens, 'Utopian Driven Projective Research, exploring the field of Meta-Urbanism'. Member of the evaluation committee at public dissertation at the School of Architecture and the Built Environment, Royal Institute of Technology, Stockholm: Carina Weingaertner, 'Identifying Strategic Initiatives to Promote Urban Sustainability'. Deputy member of the evaluation committee at public dissertation at Chalmers: Ulrika Palme, 'The role of indicators in developing sustainable urban water systems'. Deputy member of the evaluation committee at public dissertation at Chalmers Architecture: Nina Rydh, 'Exploring construction briefing: from document to process'.
2012 - 2012	Keynote	'Joining forces to meet urban challenges', presentation at the Swedish pavillion at World Urban Forum 5 September, Naples, Italy.
2008 - 2009	Academic commission	Coordinator and project leader for the Lake Victoria Higher Education Initiative (LVHED). Joint capacity-building through master's courses, PhD projects and research, as well as through training courses, further education and collaborative work in communities in Kenya, Tanzania and Sweden. LVHED involved stakeholders from different universities (i.e. students and staff from Kenya, Tanzania and Sweden), from a wide range of societal activities (i.e. municipalities, NGOs, CBOs, local communities, private business) and funding agencies (i.e. UN-HABITAT and Sida/SAREC).
2009 - 2009	Academic commission	Appointed one of three main authors for the successful application to Mistra for a Centre for Sustainable Urban Futures in Göteborg.
2008 - 2009	Academic commission	Director of the Design for Sustainable Development Master's Programme (MPDSD) at Chalmers Architecture.
2006 - 2007	Diploma of Higher Education	Diploma of Higher Education, Chalmers University of Technology 10 pre-Bologna credits (15 ECTS), comprising the courses: - Pedagogical project. Course for teachers, 4 credits (6 ECTS). - Teaching, learning and evaluation. Course for teachers, 2 credits (3 ECTS) - Supervision of research: Principles and practice. Course for teachers, 2 credits (3 ECTS). - Learning in digital media. Course for teachers, 2 credits (3 ECTS).
2002 - 2002	Course	Course in 'Facilitation of multi-party, multi-issue group processes' given by Allen and Brendan Hickling.

## CV - Michael O. Oloko

Namn: Michael O. Oloko	Dr-examen: 2009-11-27
Födelsedatum: 19680920	Akademisk titel: Docent
Kön: Man	Arbetsgivare: Jaramogi Oginga Odinga University of Science and Technology
Land:Kenya	

## Utbildning

### Forskarutbildning

Examen	Organisation	Avhandlingens titel (originalspråk)
Doktorsexamen, 20107. Vattenteknik, 2009-11-27	Egerton University, Agricultural Engineering	Modeling of Water Supply in an Urban Catchment of Kisumu City

### Utbildning på grund- och avancerad nivå

År	Examen
1998	20107. Vattenteknik, MSc. Water Resources Engineering, University of Dar es Salaam
1993	40599. Övrig annan lantbruksvetenskap, BSc in Agricultural Engineering, Egerton University

## Arbetsliv

Anställningar				
Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare	Övrig information
september 2010 - Nuvarande	Lektor, Tillsvidareanställning	30	Jaramogi Oginga Odinga University of Science and Technology, School of Engineering sciences	Senior Lecturer
december 1999 - september 2010	Lektor, Tillsvidareanställning	30	Maseno University, School of Agriculture, Food Security and Biodiversity	Assistant Lecturer
januari 1993 - december 1999	Irrigation and Drainage Engineer, Tillsvidareanställning	0	Ministry of Agriculture, Irrigation and Drainage Branch, Provincial Irrigation Unit (Nyanza), Kisumu, Kenya	Interrupted by MSc. Studies from 1996 to 1998

## Meriter och utmärkelser

Docentur		
År	Ämne	Organisation
2012	20107. Vattenteknik	Jaramogi Oginga Odinga University of Science and Technology, School of Engineering sciences

Handledda personer		
År	Handledd person	Roll
2014	Student, Jackson Minkosky Tiema Abisai, Jaramogi Oginga Odinga University of Science and Technology	Huvudhandledare

Bidrag erhållna i konkurrens					
Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2016 - 2018	Formas	María José Zapata Campos	Medverkande	180000	3000000
2015 - 2015	SIDA - Styrelsen för internationellt utvecklingsarbete	Doris Ombara	Medverkande	40000	260000
2014 - 2017	Ej Sverige - Statliga enheter	Michael Oloko	Projektledare	0	240000
2014 - 2015	Internationellt centrum för lokal demokrati	María José Zapata Campos	Medverkande	400000	1636000
2014 - 2016	VR - Vetenskapsrådet	Patrik Zapata	Medverkande	150000	712000
2012 - 2013	Ej Sverige - Statliga enheter	Michael Oloko	Projektledare	0	200000
2011 - 2014	Ej Sverige - Internationella organisationer	Patrick Hayombe	Medverkande	40000	315000
2011 - 2012	Ej Sverige - Statliga enheter	Raphael Kapiyo	Medverkande	24000	240000

## Övriga meriter

Period	Typ av merit	Beskrivning
2009 - 2012	Facilitator	Annual International Post Graduate Course in Application of Earth Observation and GIS in Integrated Water Resources Management at Regional Centre for Mapping of Resources for Development (RCMRD), Nairobi-Kenya. Topic: Water Resources and management-Social and policy issues
2010 - 2011	Process Facilitator	Course on "Water Resources Modeling in the Nile Basin Initiative training on Water Resources Planning and Management-for the Development of National Decision Support System Network Members in Kenya. Nile Basin Initiative Project.
2010 - 2010	Water Resources Specialist	Development of a metadata base of existing documentation relevant to the water sector development and management for Gucha-Migori River Basin, Kenya. (Nile Basin Initiative-Nile Equitorial Lakes Subsidiary Action Plan)

## CV - Jessica Pérez Reynosa

Namn:	Jessica Pérez Reynosa	Dr-examen:	2013-11-19
Födelsedatum:	19851122	Akademisk titel:	Doktor
Kön:	Kvinna	Arbetsgivare:	Universidad Centroamericana de Nicaragua
Land:	Nicaragua		

## Utbildning

### Forskarutbildning

Examen	Organisation	Avhandlingens titel (originalspråk)
Doktorsexamen, 50201.	Universitat Rovira i Virgili,	Essays on Human Capital
Nationalekonomi, 2013-11-20	Economics Department	

### Utbildning på grund- och avancerad nivå

År	Examen
2010	50201. Nationalekonomi, Magisterexamen, Universitat Rovira i Virgili
2007	50201. Nationalekonomi, Kandidatexamen, Universidad Politécnica de Nicaragua

## Arbetsliv

### Anställningar

Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare
mars 2014 - Nuvarande	Associate Professor, Tillsvidareanställning	30	Universidad Centroamericana de Nicaragua, Faculty of Economics and Business

### Forskarutbyten

Period	Typ	Organisation	Ämne
april 2013 - juni 2013	Gästforskare	Università della Svizzera italiana, Institute of Economics	50601. Statsvetenskap (exklusive studier av offentlig förvaltning och globaliseringstudier)

## Meriter och utmärkelser

### Bidrag erhållna i konkurrens

Period	Finansiär	Projektledare	Din roll	Delbelopp (kr)	Totalt belopp (kr)
2011 - 2013	Ej Sverige - Statliga enheter	Luis Diaz-Serrano	Medverkande	50000	150000

### Priser och utmärkelser

År	Namn på priset/utmärkelsen	Utfärdare
2009	Doctoral fellowship	Universitat Rovira i Virgili

### Övriga meriter

Period	Typ av merit	Beskrivning
2012 - 2013	Presentations	Do more educated leaders raise citizens' education?, presented at: Workshop on Empirical Research in Economics of Education, Reus, Spain (October 3-4, 2013). Russian Summer School on Institutional Analysis, Moscow, Russia (June 29 - July 5). XVI Applied Economics Meeting, Granada, Spain (June 6-7, 2013). Ph.D. Workshop on Industrial and Public Economics (WIPE), Reus, Spain (February 21-22, 2013). Xarxa de Referència d'R+D+I en Economia i Polítiques Pùbliques (XREPP), PhD. Doctoral Day. Universitat de Barcelona. Spain (November 22, 2012).
2011 - 2012	Presentations	Determinants of Decentralization within the Firm: Some Empirical Evidence from Spanish Small and Medium-Sized Enterprise, presented at: XXVI Jornadas de Economía Industrial (JEI), Murcia, Spain (September 13-14, 2012). Xarxa de Referència d'R+D+I en Economia i Polítiques Pùbliques (XREPP), Girona, Spain (April 2011).

### CV - Goodluck Charles

<b>Namn:</b> Goodluck Charles	<b>Dr-examen:</b> 2009-11-25
<b>Födelsedatum:</b> 19700706	<b>Akademisk titel:</b> Doktor
<b>Kön:</b> Man	<b>Arbetsgivare:</b> University of Dares Salaam
<b>Land:</b> Tanzania	

### Utbildning

Forskarutbildning			
Examen	Organisation	Avhandlingens titel (originalspråk)	
Doktorsexamen, 50202.	University of Dares Salaam,	Competitive Advantage of Family and Non-Family Firms in	
Företagsekonomi, 2009-11-25	Business School	Tanzania	

### Arbetsliv

Anställningar			
Period	Anställning	Del av forskning i anställningen (%)	Arbetsgivare
november 1999 - november 2030 (Nuvarande)	Lektor, Tillsvidareanställning	50	University of Dares Salaam, Business School

### Forskarutbyten

Period	Typ	Organisation	Ämne
augusti 2004 - december 2004	Gästforskare	University of Florida, Centre for African Studies	50202. Företagsekonomi

### Meriter och utmärkelser

### **Handledda personer**

År	Handledda personer	Roll
2017	Doktorand, Japhet Mbura, University of Dar es Salaam	Bihändledare
2016	Doktorand, Tuccu Solomon	Huvudhandledare
2016	Doktorand, David Rwehikiza, University of Dar es Salaam	Bihändledare
2015	Doktorand, Abaho Ernest, University of Dar es Salaam	Huvudhandledare

### **Bidrag erhållna i konkurrens**

Period	Finansiär	Projektledare	Din roll	Totalt belopp (kr)
2014 - 2018	Ej Sverige - Internationella organisationer	University of Dar es Salaam Business School	Projektledare	4000000
2013 - 2018	Ej Sverige - Internationella organisationer	University of Dar es Salaam Business School	Projektledare	4000000

### **Priser och utmärkelser**

År	Namn på priset/utmärkelsen	Utfärdare
1999	Best Student - Bachelor of Commerce	University of Dar es Salaam

## **Publikationer**

### **Publikationer - Maria José Zapata Campos**

<b>Namn:</b> Maria José Zapata Campos	<b>Dr-examen:</b> 2008-09-16
<b>Födelsedatum:</b> 19720401	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Kvinna	<b>Arbetsgivare:</b> Göteborgs universitet
<b>Land:</b> Sverige	

Zapata Campos, Maria José har inte lagt till några publikationer till ansökan.

### **Publikationer - Patrik Zapata**

<b>Namn:</b> Patrik Zapata	<b>Dr-examen:</b> 2004-06-03
<b>Födelsedatum:</b> 19671217	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Man	<b>Arbetsgivare:</b> Göteborgs universitet
<b>Land:</b> Sverige	

Zapata, Patrik har inte lagt till några publikationer till ansökan.

### **Publikationer - Jutta Gutberlet**

<b>Namn:</b> Jutta Gutberlet	<b>Dr-examen:</b> 1990-05-31
<b>Födelsedatum:</b> 19580817	<b>Akademisk titel:</b> Professor
<b>Kön:</b> Kvinna	<b>Arbetsgivare:</b> University of Victoria
<b>Land:</b> Kanada	

Gutberlet, Jutta har inte lagt till några publikationer till ansökan.

### **Publikationer - Jaan-Henrik Kain**

<b>Namn:</b> Jaan-Henrik Kain	<b>Dr-examen:</b> 2003-06-13
<b>Födelsedatum:</b> 19600419	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Man	<b>Arbetsgivare:</b> Chalmers tekniska högskola
<b>Land:</b> Sverige	

Kain, Jaan-Henrik har inte lagt till några publikationer till ansökan.

## Publikationer - Michael O. Oloko

<b>Namn:</b> Michael O. Oloko	<b>Dr-examen:</b> 2009-11-27
<b>Födelsedatum:</b> 19680920	<b>Akademisk titel:</b> Docent
<b>Kön:</b> Man	<b>Arbetsgivare:</b> Jaramogi Oginga Odinga University of Science and Technology
<b>Land:</b> Kenya	

Oloko, Michael O. har inte lagt till några publikationer till ansökan.

## Publikationer - Jessica Pérez Reynosa

<b>Namn:</b> Jessica Pérez Reynosa	<b>Dr-examen:</b> 2013-11-19
<b>Födelsedatum:</b> 19851122	<b>Akademisk titel:</b> Doktor
<b>Kön:</b> Kvinna	<b>Arbetsgivare:</b> Universidad Centroamericana de Nicaragua
<b>Land:</b> Nicaragua	

Pérez Reynosa, Jessica har inte lagt till några publikationer till ansökan.

## Publikationer - Goodluck Charles

<b>Namn:</b> Goodluck Charles	<b>Dr-examen:</b> 2009-11-25
<b>Födelsedatum:</b> 19700706	<b>Akademisk titel:</b> Doktor
<b>Kön:</b> Man	<b>Arbetsgivare:</b> University of Dares Salaam
<b>Land:</b> Tanzania	

Charles, Goodluck har inte lagt till några publikationer till ansökan.

## Registrera

### Villkor

Ansökan ska förutom av den sökande även signeras av behörig företrädare för medelsförvaltaren. Företrädaren är vanligtvis prefekten vid den institution där forskningen ska bedrivas men beror på medelsförvaltares organisationsstruktur.

Signering av den *sökande* innebär en bekräftelse av att:

- uppgifterna i ansökan är korrekta och följer Vetenskapsrådets instruktioner
- eventuella bisysslor och kommersiella bindningar har redovisats för medelsförvaltaren och att det där inte framkommit något som strider mot god forskningssed
- nödvändiga tillstånd och godkännanden finns vid projektstart, exempelvis avseende etikprövning.

Signering av *medelsförvaltaren* innebär en bekräftelse av att:

- den beskrivna forskningen, anställningen och utrustningen kan beredas plats under den tid och i den omfattning som anges i ansökan
- medelsförvaltaren godkänner kostnadsberäkningen i ansökan
- den forskning som utförs inom projektet bedrivs i enlighet med svensk lagstiftning

Ovanstående punkter ska ha diskuterats mellan parterna innan företrädaren för medelsförvaltaren godkänner och signerar ansökan.