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LAND ADMINISTRATION FOR FOOD SECURITY A RESEARCH SYNTHESIS

BY

Georgina Rockson (Ghana)

Dr. Rohan Bennett and Ir. Liza roenendijk (Netherlands)

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OUTLINE

- Acknowledgement
- Introduction
- Research problem
- Research question
- The approach
- The findings
- Conclusion

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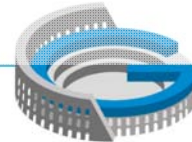
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INTRODUCTION

- What is the traditional role of land administration?
 - Tenure
 - Taxation
- What about food security?
 - Lots of talk, not much synthesis
- How can we bring some clarity to the situation? Objective to focus on land administration literature that touches on food security

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Food security is all about access to food



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RESEARCH PROBLEM AND QUESTION

- No overarching model exists that establishes the nature of the relationship between food security and land administration. This impedes informed policy development and further empirical research
- How does the land administration literature suggest it supports or impedes food security?

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RESEARCH APPROACH

- Major research tool utilized - Research synthesis
- Major discrete study- Literature review: Land administration for food security
- Searched range of scientific journals, scientific repositories or databases, searched keyword, abstract, titles, recorded data on searches under range of classifications
- Time limitation - 50 articles

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RESEARCH APPROACH

Date searched	Keyword searched	Value	Annotations	Duration	Database	Total number
6/10/2011	land administration and food security	Title, key, abstract	AND	2001-present	Elsevier Science Direct	1
6/10/2011	cadastre	title, abstract	Advanced search	2000-present	Springer Link	13
7/10/2011	Land ownership and food security	Title, key, abstract	AND	2000-present	Geobase	16
7/10/2011	"land tenure" and food security	Title, key, abstract	AND	2000-present	Sciverse Scopus	31
10/10/2011	land reform * food security	title	*	2000-present	Thomson-Reuters Web of science	1

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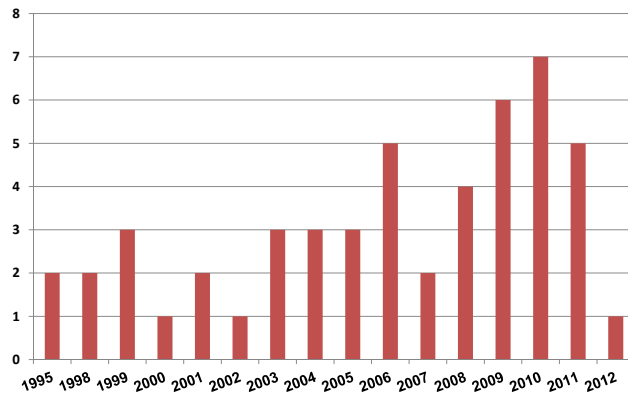
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RESULTS - QUANTITY OF LITERATURE BY YEAR



- It is evident that the body of literature linking land administration to food security is increasing at an increasing rate

- Access to land, security of tenure, sustainable land use, and the capacity to use land productively (ECA, 2004)

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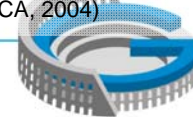


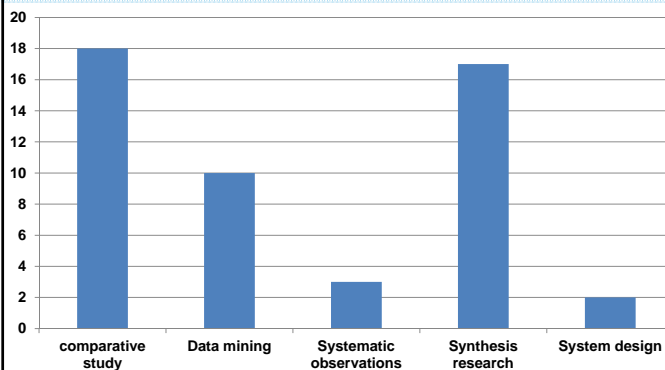
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RESULTS :QUANTITY OF LITERATURE BY RESEARCH TYPE



- Comparative studies (35%) and synthesis (34%) were the most popular choice of research

- Researchers are still attempting to understand existing country conditions and contexts- design technical systems

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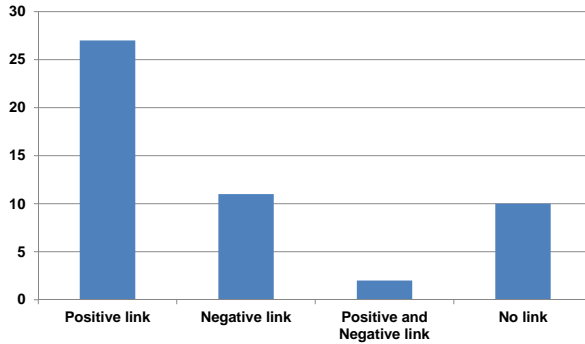
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RESULTS: QUANTITY OF LITERATURE BY NATURE OF RELATIONSHIP



- More than half of articles (54%) revealed a positivist viewpoint whilst eleven (22%) articles were negative
- Results suggest land admin. has a strong positive association with food security and may overstate the positive

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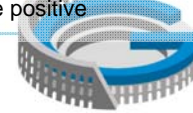


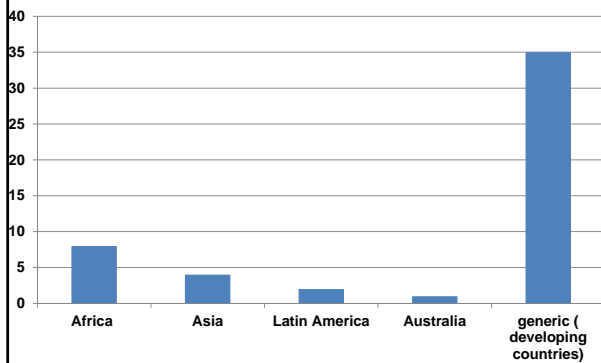
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RESULTS: QUANTITY OF LITERATURE BY REGION OF INTEREST



- Areas of focus were mainly Africa (16%), Asia (8%), Latin America (4%), and lastly 'generic' (70%) which denotes any developing countries.
- Desire to highlight the problem and promote a land administration solution

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RESULTS: STRENGTH OF EVIDENCE: BOTH WEAK AND STRONG

- The study results were evenly split: twenty-three (46%) articles were considered to provide strong evidence, whilst twenty-seven (54%) provided only weak supporting evidence
- The strength of the link between land administration and food security is unclear, hence need for careful selection of citation in evidenced based policy development

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RECURRENT THEMES: LAND TENURE, AGRICULTURE, AND GOVERNANCE

- Much literature asserted land tenure security as an avenue through which food security may be achieved, countries where land administration inadequately protects the land rights of the citizen, food insecurity can be a consequence
- Agricultural production relies on land and creates food (Barrett et al, 2009), Onyido (2011) highlights the dangers of using land for export-based production at the detriment of food production
- Enemark et al (2010) describes land governance as strengthening relationships between people and land. Sound land governance is fundamental in achieving sustainable development and poverty reduction, and achievement of MDG'
- The role of land information, an output of land administration, in delivering food security is not thoroughly discussed in the scientific literature

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CONCLUSION

- The link between land administration and food security appears to be conceptually agreed, however, at management and operational levels the link is less evident
- Areas for further research appear to be in the areas of land information utilization and better understanding the linkages between land administration and food security in developed countries

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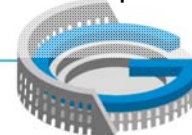


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THE END

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