

SUSTAINABLE LIVELIHOODS: TOWARDS THE IDENTIFICATION OF A CARIBBEAN DEFINITION

Corinne Gregoire

Cipriani College of Labour and Cooperative Studies, Trinidad and Tobago

Abstract: This paper sets out to begin the discourse on the development of a Caribbean Specific definition of Sustainable Livelihoods. Many authors and organizations have defined the concept; however, some believe that the existing definitions are too theoretical. Given this, the Caribbean must find a common ground upon which this concept can become useful as it is based on developing islands with many peculiarities. The paper attempts to build the definition by firstly summarizing the Caribbean Reality, secondly by considering the reflections on the concept both internationally and regionally and finally concluding. Presently the literature from the Caribbean Region is similar to that complied internationally particularly, that of DFID. However, emphasis has been placed on poverty, conservation and management of natural resources, governance, entitlements and capabilities and individual level development. The concept, however, requires further development to cater to Caribbean peculiarities.

Keywords: Caribbean Definition, Sustainable Livelihoods

INTRODUCTION

Chambers and Conway (1992).

There have been many contributions to the concept of Livelihoods and Sustainable Livelihoods (SL). These definitions have come from various authors and organizations. The most basic and widely used definition was developed by "A livelihood has been viewed a means of gaining a living. A Livelihood is Sustainable when it can cope or recover from stress and shocks, maintain and enhance its capabilities and assets, and provide SL opportunities for the next generation."

¹Corinne Gregoire, Cipriani College of Labour and Cooperative Studies, Trinidad and Tobago, Email: corinnegregoire@gmail.com

The concept of SL has been applied in many countries and regions, although some authors for instance, Carswell et al. (1997)¹ believe that the definitions are unclear, narrow and add only to the theoretical body of knowledge. It is with this thought that Caribbean people must take and make this concept their own, if they wish to optimally use it. However, to date little work has been done with defining this concept within the Caribbean region: a region that has developing third world economies which could benefit from the careful and meaningful application of the concept.

The objective of this study is to begin charting the discussion of SL towards the Caribbean. Its aim is to put this debate within a Caribbean context and start the process of building the theory that can be adequately applied to Caribbean Economies. The end point of this paper, which should be the starting point of the discourse, would be the development of a working definition of the concept based on what constitutes life in the Caribbean. This will be done by firstly giving a characterization of Caribbean

Economies, secondly by a review of the literature from both within and outside of the Caribbean Region and conclude with the skeleton of the working definition of SL.

AN OVERVIEW OF CARIBBEAN ECONOMIES

The process of building or determining a Caribbean specific definition of the concept of SL requires a brief reflection of what constitutes a Caribbean Economy.

"The Caribbean islands fall into a class of economy and society that we call plantation economy and society; and that this type of economy and society constitutes a subordinate system. Politically the system lacks community support; economically it is an appendage of a metropolitican economy and therefore has no internal dynamic for accumulation, technological change and taste formation. Socially, it is stratified by reference to metropolitican criteria which serves to rank the metropolitan values and attributes higher than those of the colonial hinterland; and to the extent that people are imported willy nilly from different spheres and at

¹Cited in Scoones (1998)

different times, segments of race, religion and culture emerge side by side."²

According to Best and Levitt3 there are four clear historical stages in the economic development of the Caribbean: the garrison economy (before the sugar plantation), pure plantation economy (sugar and slavery), and plantation economy modified (sugar and free labour with domestic agriculture), and plantation economy further modified (organized labour with industrialization). The plantation economy is as organized as a total institution based on a hinterland economy that developed one sector. It is virtually a closed economy with respect to other activities. Each plantation has a resident workforce, resources are concentrated on the direct production of a staple and few linkages are created. A few backward linkages are created within the hinterland and limited forward linkages.

St. Cyr (1991) believed that the distinguishing features of the Caribbean are cultural. He quoted Charles Wagley saying that the characteristics of the plantation have dominated the economy, society and government passing on to the people its distinct cultural flavour. He looked at the work of Best and Levitt and based his analysis on colonies of settlement and colonies of exploitation. St Cyr (1991) said:

"The uniqueness of the Caribbean however derives from the fact that whereas, like colonies of settlements, it has been cleared of its native population, this was not replaced by European Settlers, but by a system of highly capitalized market oriented agricultural production based on European Enterprise Plantation organization and imported (African, Indian, Chinese and Polynesian) labour which characteristics taken together mark off Caribbean type economies and societies as a distinct group in the general type of systems".

Beckford (1972) stated that within these plantation systems there are distortions in the use of available resources and this has resulted in the impoverishment of the society.

"We are dealing with an economy in which resources are not fully

²Best (1973)

³Best and Levitt (2009)

employed and where perfectly competitive systems do not exit, there will be product and price distortions which complicate the calculus. In all plantations these distortions are likely to be quite excessive. Monopsony in the labour market, imperfections in the capital market driving from the metropolitan connections and monopoly of land are characteristic on the factor side of the picture, intra-company transfers, government intervention and international commodity agreements create distortions on the product side."

The social and economic costs of these distortions can still be

seen even though Caribbean Economies are evolving and continue to evolve. For instance, Table 1 below shows the incidence of poverty within the Selected Caribbean Countries. The highest incidence of poverty can be seen in Grenada, St. Kitts and Nevis and St. Vincent and the Grenadines with 37.7%, 30.5% and 30.2% respectively of the population being below the poverty line. The indigence levels for Caribbean islands seen to be much lower, with the lowest being 1% in St. Kitts and Nevis. The Gini Coefficient, however, continues to be relatively large, averaging 0.40, showing high levels of inequality.

Table I Poverty Indicators for Selected Caribbean Countries

Country	Year CPA conducted	% of population below Poverty Line	% of population below Indigence Line	Poverty Gap	FGT P2 Se- verity	Gini Coef- ficient
Antigua and Barbuda	2005/06	18.3	2.7			
Barbados	1997	13.9	-	na	na	0.39
Belize	2009	25.5	15.8	11	5	0.42
Grenada	2007/08	37.7	2.4	10.13	4.03	0.37
Dominica	2008/2009	28.8	3.1	8.9	4	0.44
Guyana	1999	35	19	12.4	na	
Jamaica*	2009	16.5	na	na	na	0.38
St. Kitts & Nevis	2007/08	30.5	1	2.5	0.9	na
St. Lucia®	2005/06	28.8	1.6	9	4.1	0.42
St. Vincent and the Grenadines®	2007/08	30.2	2.9	7.5	3	0.40
Trinidad and Tobago	2005	16.7	8.3	na	na	na

Source: Poverty Assessments done by Kiari Consultants for the CDB

^{*} taken from the Jamaica Survey of Living Conditions for 2008 & 2009

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Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
Bahamas		6.9	9.1	10.8	10.2	10.2	7.6	7.9	8.7	14.2		
Barbados	9.2	9.9	10.3	11.0	9.8	9.1	8.7	7.4	8.1	10.0		
Belize	11.1	9.1	10.0	12.9	11.6	11.0	9.4	8.5	8.2	13.1		
Jamaica	15.5	15.0	14.2	11.4	11.7	11.3	10.3	9.8	10.6	11.4		
Suriname	14.0	14.0	10.0	7.0	8.4	11.2	12.1					
Trinidad and Tobago	12.2	10.8	10.4	10.5	8.4	8.0	6.2	5.6	4.6	5.3		

Table 3: Unemployment, (RATES) % 2000-2009

Source: UN ECLAC 2010

Table 2 shows unemployment rates for a select Caribbean Countries. Trinidad and Tobago has had declining unemployment rates from 2000 to 2008. In 2009 there was a marginal increase of 0.7%. Barbados has had incremental increases up to 2003, decreases up to 2007 and increases into 2008/2009. Unemployment rates in Jamaica declined until 2007 began to increase like Barbados in 2008/2009.

Unemployment rates is smaller Caribbean Islands tend to be at bit higher if they don't linger around the same figures. For example, St. Vincent and the Grenadines has 18.79%, Grenada 24.9%, Dominica 14%, and St. Lucia 13%⁴. From this brief

overview, the reality which necessitates the use of the SL concept becomes more apparent.

DEFINITION⁵: LIVELIHOOD AND SUSTAINABLE LIVELIHOOD

The definition of livelihood and its link to SL has been discussed extensively since the 1980s. It was first introduced by the Brundtland Commission on Environment and Development where the idea began as:

"an approach to maintain or enhance resource productivity, secure ownership of and access to assets, resources and income-earning activities as well as to ensure adequate stocks and flows of food and cash

⁴These figures were taken from the latest Poverty Assessments for the various countries conducted by Kiari Consultants for the Caribbean Development Bank

⁵This section constitutes definitions not developed by Caribbean authors with the exception of Naresh Singh who is from the Caribbean but in 2010 worked for the Canadian International Development Agency.

to meet basic needs. It was a reflection of the growing recognition that food security was not merely a problem of agricultural productivity but was a problem of poverty in all its multi faceted dimensions."⁶

The 1992 United Nations Conference on Environment and Development (UNCED) initiated the first expansion in the context of Agenda 21. The achievement of SL was seen as a broad goal for poverty eradication which should focus on the poor living in marginalized areas.

Agenda 21 stated that SL could serve as an integrating factor that allows policies to address development, sustainable resource management and poverty eradication simultaneously.⁷

As such, many authors have contributed to the definition(s) which has evolved today. The most basic, well known and widely accepted definition of a livelihood and as such SL was developed by Chambers and Conway 1992.8

"A livelihood in its simplest sense is a means of gaining a living. A livelihood comprises the capabilities, assets (stores, resources, claims and access) and activities required for a means of living; a livelihood is sustainable when it can cope with and recover from stress and shocks, maintain or enhance its capabilities and assets, and provide SL opportunities for the next generation; and which contributes net benefits to other livelihoods at the local and global levels and in the short and long-term."

For them capabilities, equity and sustainability are combined in the concept of SL⁹. They believed that there are many initial determinants of a livelihood strategy. They can be determined by birth or chosen during one's life, less singular or even predetermined. For them, a livelihood begins its formation once the main elements of the individual's reality are found and named, and its structure unraveled. They believed that a livelihood can also be at hierarchal levels within the household - persons sharing

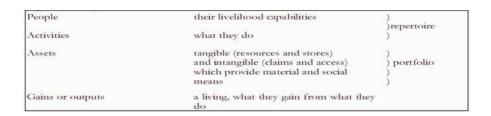
⁶Singh & Gilman (2000), (2002)

⁷Singh & Gilman (2000), (2002)

⁸University of Professional Educators (2006): and Cahn Miranda (2003)

⁹⁴Capabilities were seen both an end and means of livelihoods. A livelihood therefore provides the support for the enhancement and exercise of capabilities (an end): and capabilities (a means) enable a livelihood to be gained. Equity is both an end and a means: any minimum definition of equity must include adequate and decent livelihoods. Sustainability, too, is both end and means; sustainable stewardship of resources is a value (or end) in itself; and it provides conditions (a means) for livelihoods to be sustained for future generations."

Figure I Categories of a livelihood¹⁰

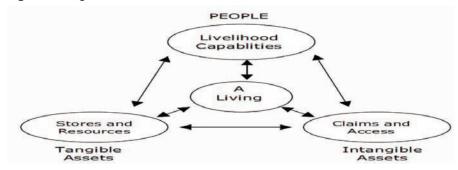


Source: Chambers and Conway 1992

the same cooking space. However, they pointed out there would be some differences in wellbeing within the household. In their structure of the household, a livelihood had four categories, which are illustrated below:

Of these four, the most complex is the portfolio of tangible and intangible assets. These are separated into stores and resources as tangible and claims and access as intangible which can be seen in figure 2 below.

Figure I Categories of a livelihood



Source: Chambers and Conway 1992

¹⁰Stores and resources are commanded by a household and include food stocks, stores of value and woven textiles and cash savings in banks of thrift and credit schemes. Resources include land, water, trees and livestock; and farm equipment, tools and domestic utensils. Assets are often both stores and resources. Claims and access: these are tangible assets of a household. Claims are demands and appeals which can be made for material, moral or other practical support or access. Claims are often made at times of stress or shock or when other contingencies arise. They are based on combinations of rights, precedent, social convention, moral obligation and power. Access is the opportunity in practice to use a resource, store or service or to obtain information, material, theology employment or income. Out of these tangible and intangible assets people construct and contrive a living.

Modified versions of this definition have been generally adopted, with few variations from authors and organizations. The variations stems from differences in interpretation.

"Some use it to describe a tool: a framework is used as a checklist of issues and a way of structuring analysis. At the other extreme, some treat it as an operational objective and see their mission as improving the sustainability of livelihoods. Some value it as a set of principles that can be applied in almost any situation, but others view it as a call for specific SL projects or SL programmes. Many view it as an approach to development, combining various of the elements above". II

Carney's (1998)¹² definition is much the same as *Chambers and Conway* (1992) with the exception that it emphasizes the intergenerational component. Ashley and Carney (1999)¹³ saw it was a mode of thinking about the objectives, scope and priorities for development, in order

to enhance progress in poverty elimination. Scoones, (1998)¹⁴, focused on not undermining the natural resource base. Farrington et al, (1999)¹⁵ focused on both of these issues. Soussan et al (2003) like Scoones (1998) focused on resources and more so natural resources. The link made was poverty to natural resources usage. They saw the concept of livelihood as being dynamic, complex, influenced by external forces and made through conscious choice. Ellis (2000)¹⁶ emphasized access to assets and highlighted the activities that are impacted by social relations and institutions: gender, class, kin and belief systems. Radoki, (2002)¹⁷ saw it as dependent on income from employment and remuneration from assets and entitlements. Messer and Townsley (2003) stated that a livelihood is basically the means that a household uses to achieve its well-being and sustain it. Wallman (1984)¹⁸ saw a livelihood as an umbrella concept, which suggests that social life is layered and that these layers overlap: both in the way

¹¹Ashley and Carney (1999)

¹²Cited in Soussan et al. (2003)

¹³These two persons helped to develop the Department for International Development DFID definition

¹⁴Quoted in Cahn (2003)

¹⁵Quoted in Cahn (2003)

¹⁶Cited in University of Professional Educators (2006)

¹⁷Cited in Buechler (2004)

¹⁸University of Professional Educators (2006)

people talk about them and the way they should be analyzed. Singh and Titi (1994)¹⁹ saw SL as incorporating the idea of change and uncertainty and is located analytically in the concept of a socioecological system²⁰. They saw SL as people's capacities to: "generate and maintain their means of living, enhance their wellbeing and that of future generations." Krantz (2001) believed that the concept of SL is an attempt to go beyond the traditional definitions and approaches to poverty eradication. These initial approaches focused on certain aspects or manifestations of poverty e.g. low income and didn't consider issues such as vulnerability and social exclusion. Therefore, for him SL is an expansion of poverty to include vulnerability and social exclusion at best. Carswell et al. (1997)21 cited in Scoones 1998 points out:

"definitions of sustainable livelihoods are often unclear, inconsistent and relatively narrow. Without clarification, there is a risk of simply adding to a conceptual muddle..."

Scoones (1998) resultantly retracted to the definition outlined by Chambers and Conway (1992) to develop the needed clarity. For him, the definition could be disaggregated into different sub-components. Each component is directed to wider literature with the possibility of assessing the outcome. Five key elements can be recognized. A Livelihood is based on linking concerns over work and employment, with poverty reduction and broader issues of adequacy, security, well-being and capability, sustainability based on the resilience of livelihoods and the natural resource base on which, in part, they depend. Scoones (1998) believed that SL was based on the Creation of working days, Poverty reduction, Well-being and capabilities, Livelihood Adaptation, Vulnerability and Natural Resource Base Sustainability.²²

CARIBBEAN CONTRIBUTION TO SUSTAINABLE LIVELIHOODS²³

It must be stated from the onset that promoting livelihoods in the

¹⁹Cited in Singh (1996)

²⁰A socio-ecological system is the space in which political, cultural, religious, social, economic, biological and geo-physical factors of an environment simultaneously interact with and in combination with each other to produce a variety of functions, processes and products, which shape the way a community makes its living in a given ecozone.

²¹Cited in Scoones (1998)

²²Scoones (1998)

²³This section will outline contributions by Caribbean Institutions and Development Practitioners.

Caribbean was not the initial mindset of the former colonial masters.

"Earlier, we argued that inherent in the plantation system is the tendency toward monopolization of land by plantation owners as a device to deprive the majority of people access to an independent livelihood and therefore to ensure the plantation of labour supplies.".24

However, having gained or been given independence²⁵ in the late 20th century, development and by extension livelihoods then became an issue to the freed and indentured people. Many attempts were made at putting together development models. These include Arthur Lewis in 1950, Lloyd Best in 1968, and George Beckford in 1972, bringing forwards inward looking strategies of import substitution as well as outward looking strategies such as the export growth model.²⁶ The challenge now is to where to start the debate of the meaning of the SL concept.

At present, there are a number of institutions who are working

with this concept namely the Caribbean Natural Resource Institute, (CANARI), The Trust for Sustainable Livelihoods, The Centre for Resource Management and Environmental Studies (CERMES), the Sustainable Economic Development Unit of the University of the West Indies, (SEDU), United Nations Economic Commission for Latin America and the Caribbean (ECLAC) and the Caribbean Environment Health Institute, to name a few. Each of these will be looked at briefly.²⁷

CANARI

CANARI's has worked with the concept since 2002²⁸ and this has enabled them to produce many publications. When the concept is used, it is in conjunction with poverty alleviation, conservation: marine protected areas, coral reefs, extractive livelihoods, costal living and managing partnership. Their work on livelihoods has been divided into Forest and Livelihoods; and Costal and Marine Governance and livelihoods.²⁹ However, there is no explicit definition for the term.

²⁴Beckford (1972)

²⁵A topic debated by Caribbean Authors.

²⁶Singh (1999)

²⁷The summaries provided would be based on the websites and publications from the websites of these institutions

²⁸According to CANARI's website publication listing

²⁹CANARI's Official Website

THE TRUST FOR SUSTAINABLE LIVELIHOODS

This organization, has been working within the area of Sustainable Livelihoods since 1995 in Trinidad and Tobago. Their mission is based on helping Caribbean people better manage the natural resources on which their livelihoods depend. They view Sustainable Livelihoods as a pragmatic approach for alleviating poverty and natural resource degradation locally and internationally.³⁰ They believe that

"Communities can achieve sustainable livelihoods if their capacity is developed to meet their physical and social needs, while not significantly degrading the quantity or quality of natural resources on which they or others depend." 31

For them desired livelihood outcomes will include:

"increased human capital (skills, knowledge, beliefs, attitudes, labour ability and good health), better social capital (relationships of trust and reciprocity, groups, and networks), improved physical capital (basic infrastructure), more financial capital, improved natural capital (forests, water, land, fish, energy resources and minerals), reduced vulnerability and improved food security."32

CERMES³³

CERMES utilizes the definition and approach of DFID (1999).³⁴

SEDU

Pantin et al 2003³⁵ used Singh and Lawrence (1999) definition as their starting point: a livelihood being the "combination of assets, activities and entitlements which enable people to make a living." They saw SL it as a micro level synonym for sustainable development. They were looking at the critique to sustainable development and thought that the analysis needed to be disaggregated

³⁰The Trust for Sustainable Livelihoods Official Website

³¹ Ibid

³²Ibid

³³http://cermes.cavehill.uwi.edu/webdata_cermes.pl?cgifunction=form&fid=1138803479&query=a ll search

³⁴This is evidenced by Cooke et al (2007): A livelihood analysis of the water taxi operators in the Grenadines

³⁵The only set of development practitioners who would have applied this concept to the Caribbean separate and apart from Naresh Singh

to highlight the human impact of development. They were of the view that SL shifts the focus from aggregate economic output to people. A livelihood can therefore be described as:

"The engagement in a number of activities, which at times neither require a formal agreement nor are limited to a particular trade. This differs from a job since it may not involve money, is self directing and not based on income derived from jobs." ³⁶

For them a SL was based on assets, activities and entitlements.

"Activities – recognizing that the root of all human development and economic growth is livelihoods, not just jobs, but the wide and diverse range of activities people pursue to make their living in the formal or the informal sector. Assets are the resources upon which people base their livelihoods including Natural/biological, Social and political, Human, Physical. Entitlements: the human social and economic rights of an individual. Sen has

identified: Trade based entitlements; Production based entitlements, Owner entitlements, Inheritance and transfer entitlements."³⁷

UN ECLAC

ECLAC as well uses DFID 1999 definition and methodology.³⁸

CEHI39

CEHI focuses on Environmental Health of the Caribbean Region. Much of their work is the provision of clean and clear water, watershed management, use of chemicals, waste management enhancing resilience, flooding and costal clean up.⁴⁰ Their focus on enhancing capabilities, but no explicit definition has been stated.

CONCLUSION

The term livelihood and thus SL, for the Caribbean is one that is still being developed. Some institutions and practitioners have begun to carve the concept, while others have opted to use of the definition and methodology of

³⁶Pantin et al (2003)

³⁷Pantin et al (2003)

³⁸This was seen in ECLAC (2011):SL Approach within the Macro Socio Economic Assessments of Natural Disasters

³⁹This institution was included because Naresh Singh, a livelihood practitioner was the Executive Director for several years prior to 2001.

⁴⁰CEHI Official Website

DFID. However, all of the institutions have endeavored to apply the concept. Therefore any conclusion drawn is a mixture of interpretation from the use of the concept combined with that which was explicitly stated.

This combination of explicit and implicit contributions to SL focuses on assets, activities and entitlements or ways to journey out of poverty, conservation and management of natural resources, breaking down and individualizing sustainable development, institutions, governance and of course DFID's definition. All of the Caribbean definitions can be placed into what is being described internationally. However, the Caribbean institutions and practitioners have emphasized poverty and natural resource conservation.

Based on these definitional considerations I propose that SL in the Caribbean should begin from the starting point of Pantin et al (2004): a synonym for Sustainable Development. It should bring development to the level of the individual. Additionally, due to our reality and much of the concerns implied by its use, the definition should include poverty, conservation and management

of natural resources and governance. However, the definition should deviate from the international definitions to bring the Caribbean reality more so to the forefront. It should include some of the elements outlined by Best and Levitt, Beckford, Lewis and Development Practitioother ners. It should be fusing the existing paradigm with development of the individual. This therefore requires giving particular attention to culture. St Cyr (1991) outlined the peculiarities of Caribbean Culture and its ability to penetrate and affect the lives of everyone: from government to individual. This would then take the Caribbean SL definition away from simply focusing on a set of developing islands that has issues surrounding nonfunctional institutions, being heavily impacted by the metropole, lack of financial resources etc. but it would highlight issues including race and gender relations and it impact on capabilities, the great level of influence by the metropole and so on.

I propose therefore that SL in the Caribbean is tantamount to development through the eyes of the individual. It is the individual's effort and ability to participate in activities to sustain him

given their capabilities, based on their entitlements, surviving culture and deficiencies in governance, financing and resources but still being able to succeed without hampering the success of another now and in the future.

BIOGRAPHY

Ms. Corinne Gregoire is a Junior Research Associate in the field of development and environmental economics attached to the Sustainable Economic Development Unit of the University of the West Indies. She currently serves as a Lecturer at the Cipriani College of Labour and Cooperative Studies and as an E-tutor to the University of the West Indies Open Campus. She holds an Associate of Arts degree in Labour Studies from the Cipriani College of Labour and Co-operative Studies, a BSc. (Hons) and an MSc. from the University of the West Indies, and is pursuing an Mphil within the department of Economics.

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