DECOLONIZING AGRICULTURE

A Case Study of Chakras in the Ecuadorian Amazon

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INTRODUCTION

The future of indigenous people was at the forefront of the UN's 2015 Permanent Forum on Indigenous Issues. Its theme was "Indigenous Peoples, and the Post-2015 Agenda, with the representation of land and natural resources as "100 for indigenous, people, not mere commodities."

Outside forces such as colonization, that underpin policies and practices of today's globalized society, have rarely worked to the advantage of indigenous peoples who have been "land" valuable land and resources.

Indigenous peoples have routinely been dispossessed of their traditional lands and forced into the modern agricultural practices.

Not only do indigenous people recognize a deeper connection to nature, but are disproportionately affected by transgressions against the environment.

INDIGENOUS PEOPLE GLOBALLY

Indigenous people represent... **5%** of the world's population

and disproportionately... **15%** of the world's poor

Indigenous land constitutes... **22%** of the world's land surface

and sustains **80%** of the world's biodiversity

CHAKRA USE IN ECUADOR

WHAT IS A CHAKRA?

Chakras are agroforestry plots that consist of trees and shrubs growing amongst a variety of different plants. They are modified forests and provide habitat for various species and native species. For the Kichwa, this traditional method of growing food is an important part of their culture and demonstrates the strong ties they have to the land.

KICHWA OF THE ECUADORIAN AMAZON

The Kichwa are one of several indigenous groups residing in the Napo Province of the Ecuadorian Amazon. Many of the Kichwa are subsistence farmers who traditionally grow crops in chakras.

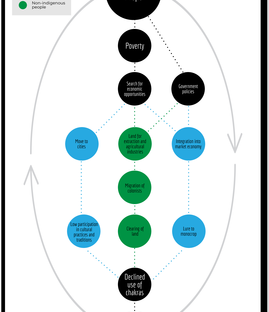
ECUADOR:

"...the cultural meaning of the chakra system for local populations is directly related to the conservation of the Amazon landscape."

ECOSYSTEM GOODS & SERVICES

"Ecosystem goods and services produce the many life-sustaining benefits we receive from nature. ...Land are important ecosystems in maintaining human health and well-being, and they are limited and often taken for granted."[1] Goods and services such as food, water, timber, air purification, soil formation and pollination are essential for sustaining human life. Ecosystem goods and services are also key economic and social development around the globe.

In chakras, farming is in harmony with plants and animals. Chakras play a crucial role in climate regulation, carbon sequestration and many other vital ecosystem goods and services. Chakras provide food, medicinal and traditional resources to the Kichwa and are also intrinsically linked to their livelihoods. Through the production and consumption of a variety of Ecosystem Goods as well as the ecosystem services and traditions.



PROBLEM LANDSCAPE

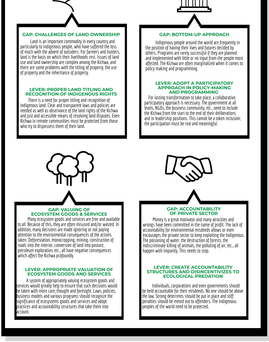
DECLINED USE OF CHAKRAS

In some areas of the Napo Province in Ecuador, the importance of chakras has declined as far back as the 1980s.[3] Given the lack of a trade-based economy, to rebuild their chakras, houses, and community the indigenous people had to emigrate into the post-colonial way of life. Once in the capitalist systems, their survival depended on income.[4]

The land traditionally used for chakras is rich in resources such as petroleum, minerals and timber. Driven by the potential for economic gain, the government prioritizes the use of Amazonian land for extraction industries, which often conflicts with indigenous land rights. These activities, in turn, attract colonists, from other regions of Ecuador and from other countries like Venezuela, whose participation is motivated by economic insecurity and government incentives.

The migration of colonists exacerbates issues of land scarcity that were already present due to the destruction of land from extraction industries and issues of land titling and ownership. This, along with economic insecurity, motivates many Kichwa, especially the youth, to leave the Amazon and their traditional practices in search of cities in search of economic opportunities.

As chakras are decreased, the ecosystem goods and services they provide also decrease leading to accelerated environmental degradation. In addition, the immediate livelihood of the Kichwa are affected, as they now lack the resources provided to them from the chakras, and the new generation of Kichwa have connection to and knowledge of an important cultural practice.



SOLUTIONS LANDSCAPE

LOCAL-SCALE INITIATIVES

GOVERNMENT AND POLICY

- Ecuador's Socio Bosque program provides direct payments to local landowners for conservation of native forests on native ecosystems.
- Ecuador's national development plan, Plan Nacional del Buen Vivir, is based on indigenous principles, which is indicative of a shift in national values surrounding indigenous peoples and their knowledge.[5]

BUSINESS AND PRIVATE SECTOR

- Social enterprise models, such as Wayduna and Amazon Conservation Association, promote growing crops that includes chakra methods, and buying a variety of chakra products from each of their farmers.[6]

NGOS AND DEVELOPMENT ORGANIZATIONS

- Conservation International, Rainforest Alliance, Farmers establish supply chains to help small enterprises in Ecuador's capital Quito, increasing economic security and exposure to indigenous growing and culinary traditions to outsiders.
- The UN REDD+ program enhances chakra growing methods through logistical and financial support to farmers. The program also collaborates with the Ecuadorian government to implement a national project chakras and implement a family-clearing system attached to their forest management strategy.[7]

GLOBAL-SCALE INITIATIVES

INDIGENOUS ACTIVISM

- Mexican indigenous organization, UNECLAP, has been instrumental in increasing recognition for exposing contamination of local corn varieties by GMO crops, taking legal action to block farm contamination, and supporting traditional varieties of maize through the creation of incubated banks.

NGOS AND DEVELOPMENT ORGANIZATIONS

- Pico Projects Adelante!, an Indigenous-led nonprofit, facilitates the use of indigenous knowledge and traditional practices to promote a connect Indigenous people with resources to conserve Indigenous people with resources to conserve Indigenous land, including securing land rights.
- The UN's Joint Sustainable Development Goals has helped over 4,000 indigenous families in Ecuador's Amazon to secure land rights through training on local plant use and helps support farmers's cooperatives in addition to protecting indigenous land.[8]

RESEARCH AND ACADEMIA

- The value of indigenous knowledge and their growing methods is becoming increasingly recognized, and has led to the creation of programs such as the Indigenous Food and Agriculture Initiative, a partnership between Arkansas. The program works to "promote Tribal sovereignty through food and agriculture", by providing capacity planning and technical assistance to support indigenous food and agriculture, including access to natural resources with the ultimate goal of improving economic security.

The UN Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation
The Programa de Las Organizaciones de la Cuenca Sureste de Oriente (UNICOSO) is a group of 10 indigenous organizations in Ecuador's Amazon

GAPS & LEVERS OF CHANGE

THE WAY FORWARD

GAP: CHALLENGES OF LAND OWNERSHIP

Land is an important commodity in many country and particularly to indigenous people, who have suffered the loss of their land and livelihoods. Land is also a key resource that land is the basis on which their livelihoods rest. Issues of land scar and land ownership are complex among the Kichwa, and there are some problems with the rights of property, the use of property and the inheritance of property.

LEVER: PROPER LAND TITLING AND OWNERSHIP RIGHTS FOR INDIGENOUS PEOPLE

There is a need for proper titling and recognition of indigenous land. Clear and transparent laws and policies are needed as well as enforcement of the land rights of the Kichwa and just and accessible means of resolving land disputes. Even if land is not commercially valuable, it is important from those who try to dispossess them of their land.

GAP: BOTTOM-UP APPROACH

Top-down approaches are frequently in the position of having their lives and futures decided by others. This is a problem for the Kichwa, who are marginalized and implemented with little or no input from the people most affected. The Kichwa are often marginalized when it comes to policy making and programming.

LEVER: ADOPT A PARTICIPATORY APPROACH IN POLICY MAKING AND PROGRAM IMPLEMENTATION

For lasting transformation to take place, a collaborative participatory approach is necessary. The government is at fault for not including indigenous people in the decision-making. The Kichwa from the start to the end of their deliberations and in leadership positions. This cannot be a token inclusion; the participation must be real and meaningful.

GAP: VALUING OF ECOSYSTEM GOODS & SERVICES

Many of the ecosystem services provided by chakras are available to all. Because of this, they are often overlooked and taken for granted. In addition, many decisions are made ignoring or not paying enough attention to the ecosystem services. Many of the drivers of change, deforestation, monocropping, mining, commodities of roads into the interior, conversion of land into pasture, petroleum exploitation, etc., all have negative consequences which affect the Kichwa profoundly.

LEVER: APPROPRIATE VALUATION OF ECOSYSTEM GOODS AND SERVICES

A system of appropriately valuing ecosystem goods and services would greatly help to ensure that such decisions would be made. This would be a major shift in the way that the Kichwa's business models and various programs recognize the significance of ecosystems goods and services and adopt practices and accountability structures that take them into account.

GAP: ACCOUNTABILITY AND PRIVATE SECTOR

Money is a powerful tool that can create precious and serious harm (and contribute to the survival of people). The lack of accountability for environmental incidents allows or even encourages the private sector to continue harmful practices. This becoming of waste, the destruction of forests, the indiscriminate killing of animals, the poisoning of air, etc., all happens with impunity. This needs to stop.

LEVER: CREATE ACCOUNTABILITY STRUCTURES AND DISINCENTIVES TO ECOLOGICAL PRIVITIES

Individuals, corporations and even governments should be held accountable for their actions. Laws and policies should be put in place to ensure that the Kichwa's rights are respected and penalties should be meted out to offenders. The Indigenous peoples of the world need to be protected.

"Protecting the forest is important for the people and for our children's future, because the forest is, in reality, a mother to us all."

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