

Regular Research Article

Social Forestry - why and for whom? A comparison of policies in Vietnam and Indonesia

Moira Moeliono^{1, **}, Pham Thu Thuy², Indah Waty Bong³, Grace Yee Wong⁴ and Maria Brockhaus⁵

¹ Center for International Forestry Research (CIFOR). Jalan CIFOR, Situ Gede, Sindang Barang, Bogor (Barat) 16115, Indonesia. Tel: +622518622622. Email: M.Moeliono@cgiar.org

² CIFOR. 172E Quan Thanh Street, Hanoi, 10000. Vietnam. Tel:+84-904080582. . Email: t.pham@cgiar.org

³ CIFOR. Jalan CIFOR, Situ Gede, Sindang Barang, Bogor (Barat) 16115, Indonesia. Tel: +622518622622. Email: I.Waty@cgiar.org

⁴ Stockholm Resilience Centre. Stockholm University. SE-10691 Stockholm. Email: grace.wong@su.se

⁵ Department of Forest Sciences, University of Helsinki . PO Box 27 Helsinki 00014, Finland. Email: maria.brockhaus@helsinki.fi

* Corresponding author

** With contributions from Mai Yen and Anggiana

Abstract: Community forestry or social forestry (henceforth referred collectively as SF) programs have become new modes of forest management empowering local managers and hence, allowing integration of diverse local practices and support of local livelihoods. Implementation of these initiatives, however, face multiple challenges. State-prescribed community programs, for example, will remain isolated efforts if changes in the overall economic and social governance frameworks, including the devolution of rights to local users is lacking. Financial sustainability of these measures remains often uncertain and equity issues inherent to groups and communities formed for SF, can be exacerbated. In this article, we pose the question: Whose interests do SF policies serve? The effectiveness of SF would depend on the motivations and aims for a decentralization of forest governance to the community. In order to understand the underlying motivations behind the governments' push for SF, we examine national policies in Vietnam and Indonesia, changes in their policies over time and the shift in discourses influencing how SF has evolved. Vietnam and Indonesia are at different sides of the spectrum in democratic ambitions and forest abundance, and present an intriguing comparison in the recent regional push towards SF in Southeast Asia. We discuss the different interpretations of SF in these two countries and how SF programs are implemented. Our results show that governments, influenced by global discourse, are attempting to regulate SF through formal definitions and regulations. Communities on the other hand, might resist by adopting, adapting or rejecting formal schemes. In this tension, SF, adopted to serve the interest of local people, in practice has not fulfilled its promise.

Keywords: Community Forestry; Social Forestry; empowerment; rights; Indonesia; Vietnam

1. Introduction

Throughout Southeast Asia, some 140 million people are dependent on forests for their livelihoods and have developed their own systems of managing resources based on traditional knowledge, practices, rules and beliefs for generations ('customary use') (Chao, 2012). The Vietnam Forest Administration (VNFOREST) estimated that in 2008, around 247,030 ha of forestland were managed in a traditional way without legal title in Vietnam (Nguyen, 2009; Sikor and Nguyen, 2011). Of this, 175,395 ha is forest and 71,634 ha is bare land. In Indonesia, 1,500 villages with an area of more than 11 million ha are located within the state forest area, supporting 80 to 95 million people (Ministry of Forestry and Bureau of Statistics, 2009) and many more live in areas bordering forest.

These millions of people developed forest practices according to local conditions and culture, supported by local governance structures that have been effective in maintaining forest and providing local livelihoods. Yet these practices and structures are often invisible to the State, beyond state control and or simply ignored (Scott, 1998; Soriaga and Walpole, 2006). At the same time, people may choose to be at the forest margins (or the periphery) to avoid State control such as the administration of taxes or land control (Scott, 2009). When States claimed rights and control over the forest, people in remote forested areas continued practicing traditional ways of forest and land use (Arnold, 2001), while at the same time incorporating and adapting with the overall political and economic system of the State (Scott, 2009; Herriman and Winarnita, 2016). Today, people in these areas are also the main target for the latest drive of formal state structured social forestry development.

Community Forestry or Social Forestry emerged in the late 1970s, when concern over increasing deforestation rates led to a questioning of state control over forest resources and its capacity to effectively protect and manage forests sustainably. Social or Community Forestry was seen as an alternative to solving forest management problems (Gilmour, 2016), and forest conflicts (Purnomo and Anand, 2014). Over time, ideas of democracy and justice (Brosius et al. 1998; Larson, 2005), coupled with neo-liberal ideas (McCarthy, 2005) and increasing evidence that traditional practices can achieve positive outcomes for conservation (Chomba et al., 2015) shaped how community forestry and social forestry programs developed in different countries.

Although definitions vary, here we use both Community Forestry and Social Forestry, denoted as SF, to mean “any situation which intimately involves local people in a forestry activity” (Arnold, 1992). We follow an accepted understanding that SF includes both: (1) the use of forest resources by local people, on an individual or household basis, for consumption and sale; and (2) the *community management* of forests, which refers to a collaborative enterprise conducted by a group of local people who manage forests either independently or with outside support for the production of resources for consumption and sale (RECOFTC, ASFN and SDC, 2010).

Vietnam and Indonesia are two countries experimenting with decentralization, including devolution of forestland to communities through SF as part of the state regulatory framework. As part of the CIFOR project ASEAN-Swiss Partnership on Social Forestry and Climate Change (ASFCC), the two countries provide an interesting comparison given their rather different histories of democracy and levels of forest abundance and pressures. Implementation and outcomes, however, have been disappointing in the sense that devolution has not included the full suite of rights to accompany the responsibilities of forest management (Maryudi, 2012; Maryudi et al., 2012; RECOFTC 2014; Chomba et al., 2014; Chomba et al., 2015; Gilmour, 2016; Schusser et al., 2015).

We ask the question: whose interests do SF serve? Understanding the effectiveness of SF would first require clarity on the underlying motivations of governments in adopting SF, which would then allow for a proper assessment of how SF policies are implemented. In this article, we apply the 4I (institutions, interests, ideas, and information framework) by Brockhaus and Angelsen (2012) to analyze the underlying power relations, economic incentives and discursive practices. We examine and compare the national policies in Vietnam and Indonesia, changes in policies over time and shifts in discourses to see how SF has evolved, been interpreted and implemented in these two countries.

2. Social Forestry discourse and evolution

Over the more than 40 years of social/community forestry development, different interpretations of SF have emerged, often influenced by different global discourses and often not well adjusted to the local contexts. Understandings of, and perspectives on SF evolved from seeing local people as the problem in driving deforestation and degradation to local people as the solution, from local people being ‘allowed’ to participate in forest management towards a local governance approach where the management of forests are fully devolved to local communities. Though State motivations for SF might differ, and ideas of justice are rather absent in these, the spirit of SF has been one of devolution and democratization.

Though different discourses emerged at different points of time, core elements in these discourses with regard to problem definition, identified appropriate policy responses and overall

objectives of SF remain surprisingly constant over time. One dominant narrative since the 1970s is SF as a solution for poverty, which emerged at the same time as the shift in development discourse where rural people were considered 'poor' and development was aimed to fulfill their 'basic needs' (Pollock, 1973; Streeten, 1981; Todaro and Smith, 2012). Discourses on SF further include ideas such as devolution and restoration of rights; better governance; development of entrepreneurship (RECOFTC, ASFN and SDC, 2010; Sam and Shepard, 2011; de Jong, 2012); empowerment (Maryudi, 2012; Maryudi et al., 2012; RECOFTC, 2014); a mechanism for reducing the fiscal burden of the state; or improving management of natural resources through applying local knowledge (Meinzen-Dick et al., 2008; Arnold, 2001). This mix of discourses and rationales has been adopted by most governments of Southeast Asia and applied in various forms and using different terms: community forestry, participatory forestry, village forestry, community based forest management or social forestry.

Table 1. Discourse on community forestry according to De Jong (2012)

Discourse	Description
Forest resource scarcity CF discourse	<ul style="list-style-type: none"> - Initiated by FAO - Focus: the perceived danger of forest resource scarcity resulting from unsustainable use would lead to a decline in rural welfare. Limited local resources seen as a constraint in fulfilling basic needs. - Implication: shift focus within development concept/agenda toward rural population and agriculture and to meeting the 'basic needs' of rural dwellers. Projects are aimed to reforestation and afforestation.
Forest conservation CF discourse	<ul style="list-style-type: none"> - Initiated by conservation NGOs - Focus: Deforestation as a worldwide issue needs to be halted, and 'community forest management through sustained harvesting and sales of NTFP is a more profitable use of tropical forests and at the same time contributes to tropical forest conservation'. - Implication: conservation-development projects working with communities to identify marketable NTFPs and establish the related value chain.
Community enterprise CF discourse	<ul style="list-style-type: none"> - Development cooperation, forestry agencies and rural development NGOs. - Focus: CF as an abstract objective of communities who manage forest estates, mostly to produce forest commodities. - Implication: promotion of CF enterprise following the western enterprise models with their related hierarchy and business management approach. Forest management is manifested in forest management plans and annual operation plans that are prepared according to legally prescribed norms.

While SF is diverse, governments define three main objectives: 1) to alleviate poverty of forest dependent people, 2) to enable communities to have secure access to, and ownership of, the resources and their benefits, through empowerment and building of capacity for forest management, and 3) to improve the condition of forests (Blaikie, 2006; Maryudi et al., 2012; Chomba et al., 2014; Gilmour, 2016). Reconciling these multiple objectives of conservation, livelihoods, and governance expected from SF can be daunting. In many cases, conservation goals were attained at the expense of local empowerment, showing that the three objectives might not necessarily mutually reinforce one another (Kellert et al., 2000; Arnold, 2001; Ribot et al., 2010; Chomba et al., 2015).

Empowerment appears to be the most challenging. Empowerment implies that local forest users and/or forest dependent communities have autonomy in setting objectives, local control in forest management and utilization, and ownership of the benefits of the forest (Kellert et al., 2000; Blaikie, 2006). It therefore also implies the right to control the use of forestland and resources within their jurisdictions. Yet, empowerment or devolution of power is constrained by conflicts between state and communities to gain control over forestland and resources. Adiwibowo et al. (2016) uses the term 'contested devolution' in which access and control over the forests and ensuing

benefits are reformulated within the interaction and negotiation process among parties concerned as they are implemented. The adoption of neo-liberalism (McCarthy, 2005) further drives the discourse that in order to alleviate poverty, SF needs to be managed as a business enterprise (De Jong 2012), thereby reducing forests and forest resources to a commodity. During processes of devolution, negotiation and change, local elites have frequently managed to grab control over benefits at the expense of broader community interests (Maryudi et al., 2012; Schusser et al., 2015).

There appears to be a disconnect between the “spirit” of SF and the policies – is SF really meant to be a devolution of rights for local empowerment and management of forests? Or, as Maryudi (2012) claims, a way for the State and or timber companies to regain control? Whose interests do SF policies in Vietnam and Indonesia serve? To study these questions, we adopt the 4I- Institutions, Ideas, Interest and Information- framework (Brockhaus and Angelsen, 2012), which aims to explain how these factors interact and contribute or actually hinder major policy changes across multiple levels of governance, with a multitude of actors and often conflicting politico-economic interests and objectives. The first I refers to the institutions within a particular policy arena, described as the norms, regulations, and formal and informal arrangements which have shaped the policies. Stickiness of particular rules that aim to govern land and land use practices and persistence of existing arrangements, despite new and emerging evidence can often be attributed to those actors with most power and an interest in maintaining the status quo. A second I is related to interests, and while Brockhaus and Angelsen (2012) refer to this I as material, we would like to stress here also non-material interests, shaped by culture and tradition which are also highly relevant to SF. This links to the third I, Ideas, which refers to ideologies, political beliefs, and mental models, and in fact builds on the other two I’s by highlighting the particular role of discourses to frame and shape policy actors’ perceptions of policy problems and what is perceived as a solution. Ideas or ideology are important as what actors believe might be just as important as what they want (Vanberg and Buchanan, 1989 quoted in Campbell, 2002). Discourses and particular ideas of actors are also linked to the information available, the fourth I in the framework, and how and by whom facts are selected, interpreted and reinterpreted.

Applying these 4 I’s allows us to capture the political economy context of social forestry in South East Asia, which often gets overlooked in literature. With this framework we can explain whose interests and ideas in an existing institutional context are reflected in final decisions over design and implementation of SF and what this would mean for the possibility of change in the wider policy arena.

3. Methods

In our analysis we focus mainly on three of the 4Is, institutions, interests and discourses (ideas) and we operationalized the 4 Is framework in our study through a mix of methods, in particular policy content analysis, literature review, semi-structured interviews between 2012 and 2016, and participatory observation.

In analyzing the main current social forestry policy documents in Vietnam and Indonesia we focused on how SF is defined and regulated, by whom. This gave us insights in the institutions-I and, by looking at policy changes over time, provided information on diverse interests and underlying power relations. Linking this to literature, we analysed how broader discourses around forestry have influenced and driven diverse forms of social and community forestry in the two countries. We then explored to what extent Vietnam and Indonesia have reconciled the interests of the government in terms of control with a rights based approach through SF, or in other words, how institutions deal with the contested devolution.

To provide more grounded discussions, we complemented the review with our personal observations in both following and engaging in the activities of social forestry working groups tasked with developing national policies in Vietnam and Indonesia.

Finally, data was also gathered from informal interviews with key respondents and direct observations during field visits to Son La and Nghe An provinces in Vietnam and West Kalimantan province in Indonesia in 2012 and 2016 as part of the CIFOR ASFCC project.

4. Results

4.1. Pathways of CF policy developments

4.1.1. Vietnam

SF practices were common in Vietnam until the 1960s. After the central state took control of forests through collectivization campaigns, local systems were replaced by cooperatives (Sunderlin and Huynh 2005) and state forest enterprises (SFEs). In 1991, reforms towards a more market based economy included realization that the SFE system was not effective and was failing financially. As a result, the strong state control of forests was rescinded and approaches for privatization of forestry were piloted, mainly through donor funded projects (Wode and Huy, 2009). Villages and or households were designated to replace SFEs as the managers of natural forests (Sikor and Apel 1998). To mobilize people in forest protection and reforestation actions, the Vietnamese Government adopted a series of policies to promote community participation in forestry (Sikor and Nguyen, 2007). Vietnam implemented national programs to (i) prioritize forest land allocation to households and household groups, particularly to the poor and to ethnic minorities whose livelihoods are closely linked to traditional forest management; (ii) decentralize forest management; and (iii) develop pro-poor mechanisms targeting groups involved in innovative forest management solutions. However, it was only with the Law on Forest Protection and Development in 2004, that the concept of 'Community Forest Management (CFM)' was officially recognized. CFM was defined as "any managerial arrangement in which local people share collective responsibility and benefits from managing natural forests, inside their community boundaries, for which they have long-term customary and/or legal rights of entitlement" (Wode and Huy, 2009; RECOFTC, 2014). SF in Vietnam was also closely linked to the government's Forest Land Allocation Program (FLA) (Sunderlin, 2006).

SF in Vietnam can be grouped into two main types. The first is village forest management (VFM), where forest is managed collectively by a forest management group to which all households in a village belong. The second is forest management by groups of households, which is formed by a small number of households – a subset of a village. The HHG model is applied where village population is dispersed in different settlements. Each HHG often manages a patch of forest near their homestead and is characterized by small groups of not more than 20 households and who are usually fairly homogenous in terms of ethnic composition and/or interest. The VFM model, on the other hand involves the whole village population.

SF in Vietnam can be characterized as a practical approach in linking poverty alleviation and forest management goals. While there appears to be some tolerance for inclusiveness and diversity in how SF is implemented, it does reinforce notions of the community or village as homogeneous social structures.

4.1.2. Indonesia

In Indonesia, the state designates forest area to be managed by the state. Failure of effective state management of forests led to the introduction of Social Forestry in the late 1970s and became a government policy in the late 1980s (Lindayati, 2002). SF was defined as a system of management of forests (on either state forest or private forestland) that involves local communities with the goal to improve their wellbeing and realize sustainable forestry (Hakim et al., 2010). Under this definition, SF was not fully meant as a policy for decentralization of rights but rather, was perceived more as a "development" program for villages located in forest areas, and its implementation became the responsibility of the forest corporations holding official exploitation permits in forest concessions. Over the subsequent two decades, SF remained an insignificant part of forestry practices, adopted on small scales by concessionaires and the state forest company primarily as an approach to solve local tenure conflicts (Lindayati, 2002). The forest management practices of local people who lived within or around state designated forest land remained largely invisible.

In the absence of dedicated higher regulations on SF, the ministry developed various community forestry schemes through ministerial decrees. Between 1991 and 1998, several such decrees tried to regulate SF in concessions (HPH-Bina Desa Hutan), in special use zones (KdTK) and in the general forest estate (HKM). The new forestry law of 1999 included provisions for the role of local communities in management of forests (e.g. articles 68-70 and article 34) throughout the forest estate.

The implementing regulation of Law 41, 1999 (Government Regulation (GR) 34, 2002 later replaced by GR 6, 2007, laid out different formal schemes of SF, i.e. community forest, village forest, people's plantation forest and collaborative management, with specific access and use rules. Although explicitly stated to aim for community empowerment, all these formal legal schemes are based on permits to be requested by local communities and granted by the state. Interest in SF since then has waxed and waned according to government priorities but also according to the dominant discourse. In 2002, the empowerment discourse moved SF as an umbrella program but when ministers changed, other priorities took over. SF progressed regardless, but at a very slow pace with only few permits requested and granted.

The global movement for indigenous rights, linked closely with issues of environmental change and sustainable development, gained increasing momentum throughout the 2000s driven by the establishment of AMAN (Alliance of Indigenous Communities of Indonesia) in 1999 (Ardiansyah et al., 2015). The Midterm National Development Plan 2010-2014 set a target to devolve 7.9 million hectares of state forest land to local communities (Praputra et al., 2015). In 2014, the new government, continued this policy commitment to SF by promising to assign 12.7 million hectares to local community management by 2019 (Dirjen PSKL, 2015) and has also framed SF as part of broader initiatives for agrarian reform (Presidential regulation 88, 2017). The stated objectives remain focused on poverty alleviation, envisioned as a lack of access to land. However, it is the pressure of land conflicts, demands for recognition of rights and agrarian reform that has given SF its contemporary urgency in Indonesia.

4.2. How SF is framed in policies

4.2.1. Vietnam

Although the Forest Land Allocation (FLA) is not a SF program per definition, SF was initially framed through FLA policies with the stated objectives to increase forest cover, improved forest quality, and contribute to hunger eradication and poverty reduction in impoverished upland areas (To and Tran, 2014). The two models mentioned above were the offshoot of FLA which was implemented since 1983 and later strengthened by the Land Law of 1993 (Decree No. 02/CP on forest land allocation), and the revised Land Law of 2003. The Land Law confirms state ownership over forests and defines the rights of land users in terms of land use, transfer, concession, lease, mortgage and contribution of capital on the basis of land value. The law further provides use rights for up to 30 ha of production and protection forests for up to 50 years per user/community and was intended to stimulate private investment (Sunderlin, 2006; Wode and Huy, 2009).

FLA itself, is however, not exclusively about allocating land to households and individuals. To and Tran (2014) distinguishes three main forms of FLA: (i) forest land allocation to state organizations, mainly forest companies; (ii) forest land allocation to households, individuals, and communities; and (iii) contract-based allocation of forest land to households and individuals either by forest companies or the state.

There have been many assessments of the impacts of forest and land allocation for households and groups of households with varied results. Helvetas Vietnam (2002) claimed that FLA resulted in improved livelihoods of poor farmers. Yet it is also claimed that households and communities did not gain any actual control over local forests: they still have to seek permission from relevant agencies to harvest trees and use forestland, and they often have limited understanding of their rights and duties (Nguyen et al., 2008). To and Tran (2014) observed the improvement of forest quality but skewed improvements in livelihood where some people were able to disproportionately

capture most benefits. Wode and Huy (2009) mentioned the problems with mapping and limited participation resulting in uncertainties of the allocations and disproportionate sharing of benefits.

In 2004, the Vietnam Law on Forest Protection and Development legalized the allocation of natural forests for communities to manage, and thus formally recognizing SF, thereby recognizing indigenous norms and systems of organization (Sikor and Apel, 1998), and encouraging local people to increase the revenue base for community forestry regimes (Sunderlin and Huynh, 2005). Meanwhile, the Vietnam Forestry Strategy 2006- 2020 sets out a clear priority to allocate forests for communities to protect and to benefit from the forests. By the end of 2009, local communities held tenure rights in up to 26% of the total forest area in the country, either as individual households, household groups, or village collectives (Sikor and Nguyen, 2011).

Table 2. SF models in Vietnam

Management regime	Policy target and area implemented	Notes	Relevant legislation
Traditional and customary forests managed by local communities	MARD assumed that this area is relatively small estimated as 247,030 ha	Self sufficiency	2003 Land Law: recognizing and regulating the legal status of village communities in land tenure. 2004 Forest Protection and Development Law: recognizing legal status of village communities in forest management. Decree 29/1998/ND-CP in May 1998, later amended to Decree 79/2003/ND-CP in July 2003: on grassroots democracy
Forests and Forest land that the State allocates to communities to manage	524,477 hectares according to MARD (2013)	Must be managed as forest; small scale wood production for industry	Decree No. 02/1994/ND-CP: regulating forest land allocation to organizations, households and individuals for long term and stable use on forestry purpose. Decree No. 01/1995/ND-CP: on land allocation for use in agricultural, forestry production, aquatic product rearing within state-owned enterprises. Decree No. 01/CP/1995: on contracting agricultural land, production forest and surface water for aquaculture production to organizations. Decision 799/QĐ-TTg dated 27/6/2012 on approval of the National REDD+ Action Program
Group of households that collectively manage area of forests that are allocated to their individual HHs	No figure available		Decision No. 187/1999/QĐ-CP: on renovation of organizational structure and management mechanism of SFE directing SFEs to give forest lands back to the districts, so that they could be further allocated to households. Decree No. 163/1999/ND-CP: on assigning and leasing forestland.

Vietnam has also linked different payment for environmental services, such as the PFES (Payment for Forest Environmental Services) and REDD+ (Reducing Emissions from Deforestation and forest Degradation and enhancement of carbon stocks) to forms of community-managed forests. The PFES program has been implemented nationally since Decision 99 in 2010. Article eight in this Decision states that village communities, who are allocated forestland for long-term usage, are the beneficiaries of forest payment. As an incentive to encourage communities to get involved in forest protection and management, the PFES scheme compensates communities for forest protection activities. Moreover, the implementation of PFES acts as a catalyst to move forward forest allocation to communities.

In 2012, the Vietnamese Government issued Decision 799/QĐ-TTg on 27/6/2012, which approved the REDD+ National Action Plan. According to this, communities are at the forefront of forest protection and stand to benefit from REDD+ payments. Both PFES and REDD+ are designed as incentives for community forestry management and protection.

Forestry regulations are also often implemented in different ways in different provinces or regions. Some provinces are more flexible and progressive than others and can set up trial sites for community forestry before the central government legally acknowledges this form of forest management (Pham et al., 2012). SF practices might therefore not fit neatly into the government schemes as shown in Table 2 for Vietnam. Indeed, in practice people often ignore government programs or adapt the programs in accordance to local context.

4.2.2. Indonesia

Law 41, 1999 on Forestry and its derivatives (in particular government regulation (GR) no 6, 2007 and its revision (GR) no 3, 2008, provided an early elaboration on how local communities can gain access to state forest, i.e. through permits to manage community forests (HKm), village forests (HD) or small scale plantations (HTR) in accordance to the forest zoning, i.e. production and protected forest (See Table 3). A latest iteration of implementing regulations is Ministerial Decree P 83/2016.

Table 3: SF schemes according to official policies in Indonesia

Management regime	Policy target and area implemented	Notes	Relevant legislation
Groups with management rights to production or protection forests (community forests or HKM)	Target to 2020 is 12.7 ha for all schemes. In 2016, 55000 ha was approved but permits were issued for 2465 ha		Permenhut P.52/2011 replaced by P.83/2016
Villages with management rights to a production or protection forests (Village forests or HD)	Target to 2020 is 12.7 ha for all schemes. In 2016, 114,496 ha was approved and 73,190 ha was issued permits		Permenhut P.53/2011. Now replaced by P.83/2016
Individuals or groups managing plantations in the forest zone (HTR)	Target to 2020 is 12.7 ha for all schemes. In 2016, 22,853 ha was approved and 14.131 ha was issued permits	This can be done in partnership with private or state owned companies	Permenhut P.55/2011. Now replaced by P.83/2016
Individuals or groups managing tree plantations on privately owned land		Although mentioned in the laws, private forest is often outside state control	Now replaced by P.83/2016
Customary communities managing customary forest (HA)			Constitutional Court Decree (MK) 35/PPU-X/2012 and P.83/2016
Forest in all zones managed in partnership between communities and (legal forest managers)	In 2016, 24,468 ha was allocated for collaborative management	The forest managers are state agencies but can be companies.	P.83/2016

Source: KEMENLHK (Ministry of Environment and Forestry), 2016

Collaborative management in conservation areas is regulated by yet another decree (P.49/2008). Outside the State Forest land, forests on privately owned land are managed by the rights holders as private forest (Law 41, 1999) or customary forest (MK 35, 2012) although no further special regulations currently exist.

In general government schemes allow only rights of use linked to responsibility to maintain the forest. The different rights are described in Table 4 below.

Table 4: Extent of rights in government SF schemes:

Scheme	Extent of rights	Time limit	Purpose	Discourses/ Objectives as stated in draft regulation
HKM (community forest)	Rights to manage and use NTFPs allocated to groups	35 years extendable	For harvesting timber an additional permit is required	To empower
HD (Village forest)	Rights to manage an use the forest (NTFPs and or environmental services) allocated to villages	35 years extendable	Often managed by the Village Enterprise even when mainly managed for ecosystem services	To improve welfare/well being for the village
HTR(People's plantation forest)	Use rights to land in production forest to manage and use timber planted. Allocated to individuals or cooperatives	35 years extendable	these small scale timber plantations are often managed in collaboration with a large corporation	To improve the potential and quality of production forest
Partnership	Rights to collaborate in activities related to management of forest		Limited to 2 Ha per head of HH or 5 Ha per HH	Empowerment of local communities by forest managers
HA (Customary forests)	Full ownership by customary communities	No time limit	The follow-up regulations detailing the scopes of the rights and right holders of the HA are yet to be issued by the local government.	

SF is the legal mandate of the MoEF and therefore primarily regulated by forestry laws, regulations and ministerial decrees. However, as a category of land use, SF is also bound by the law on spatial planning, the land law, the law on regional government and the law on villages, all mandated by different authorities. Further, SF should defer to the national and regional development plans, and the use of land for 'strategic' purposes such as mining and roads. At local level, this plethora of laws and regulations leads to contradictory and uneven implementation.

4.3. SF within decentralization policies

Vietnam and Indonesia are two countries that have experimented broadly with decentralization processes, including through SF programs. The Vietnam SF policy, for example, is closely linked to Forest Land Allocation (FLA) but has also been driven by decentralization processes such as Decree 29/1998 and its amendment Decree 79/2003 on Grassroots democracy aimed to enhance wider public and social participation of different non-state actors group including communities. In Indonesia, administrative decentralization policies have gone further than Vietnam, although actual devolution of management rights of forest to local communities has been slow. Targets are ambitious, 4 million ha of the 15.2 million ha forest land in Vietnam (RECOFTC, 2014) and 12.7 million ha of the 143 million total forest land in Indonesia are to be devolved to local people by 2020 (Dirjen PSKL, 2015).

Devolution of forestland and resources from the state to local people is assumed to result in improved forest as well as improved livelihood. Implicit is empowerment of people. As the Vietnam policy states: "land allocation makes forests officially owned, attaching rights to responsibilities, and offering favorable conditions for local people to protect forest, who find it secure to manage, invest, and develop and allocate forest." (MARD's master plan for forest lease and allocation, 2007: 5 quoted in To and Tran, 2014).

In practice, both countries are very centralized with regard to forest governance (Brockhaus and Di Gregorio, 2014). In Indonesia, SF is simply considered a permit to manage forests with implementation rigidly regulated and or tied within a web of complex regulations around forest products harvesting, transporting and selling (Ministerial Decree P.83, 2016). As found elsewhere, the rural poor under well intended SF policies must compete on “an uneven playing field of ... social inequities and economic hurdles” (Larson and Ribot, 2007). Indeed, it might seem that the official SF policy is an attempt to re-centralize, to re-assert control over forest resources by the government (Maryudi, 2012; Schusser et al., 2015; Adiwibowo et al., 2016). Simply put, state-led land and forest reform strategies often do not succeed because “bureaucratic modalities cannot accommodate the varying meanings of land, plural notions of property, and diverse political-economic contexts” (Sikor and Müller, 2009).

As mentioned earlier, local people are also subject to policies from other sectors, which are often contradictory or inconsistent, and add to the complexity of SF. In the Vietnam Forest Protection and Development Law of 2004, for example, communities are recognized as legal entities and allowed to enter forest protection contracts. Yet, in the Land Law and Civil Code 2005, communities are not allowed to enter any legal contract, unless registered in the commune as a group of households (civil code) or as cooperatives (circular 07/TTLT MARD and MONRE).

In Indonesia, the new law on village governance (Law 6, 2014) gives villages autonomy to manage their assets, including village owned forests. Yet the Forestry Law sets state authority over all forests at national level. Furthermore, it remains unclear to what extent state forest within the village area is a village asset. On the other hand, in practice, rights of a village to the exclusive use of major forest products from forests in its vicinity have always been de facto recognized.

In the context of overall forest governance, the plethora and complexity of laws and regulations pertaining to local land use that appear unrelated and contradictory is a main issue. Because of this complexity, local communities have difficulty in following the process and the local government tends to treat SF as an administrative issue, an exercise of ticking the boxes, reducing SF permits to merely confirm de facto use of forest land by local people without real attempts to improve governance of forests or empower local people. Under lack of clarity, forest administrators tend to merely follow the letter of the law and forget the spirit of the law.

5. Discussion

In the following sub-sections, we discuss the (in)effectiveness and adequacy of existing SF policies as an instrument for recognizing community rights, empowering local forest communities, reducing poverty, and for improving forest governance based on the literature review and complemented with findings from our field research.

5.1. *The spirit of SF laws: competing or complementary values and discourses?*

Like general laws, SF laws and regulations are shaped by the political economy of a nation as well as global discourse on environmental and rights issues (Brosius et al 1998; Li, 2002). Although on the one hand, SF emerged out of global ideals of democracy and local rights (Chomba et al., 2014), as McCarthy (2005) claims, SF has also developed from the confluence of environmental governance, neoliberal policy agendas and responsiveness to contingent historical and geographical factors.

These social political contexts at different times gave rise to different discourses which influenced how SF was perceived. The perceived failure of the forest industry model of the state on the one hand, and the increasing rate of deforestation and forest degradation on the other hand (Gilmour, 2016) led to a discourse of resource scarcity. The belief that community control over forests is or can be more ecologically friendly with properly crafted rules and norms governing use led to SF for tropical forest conservation. The rising dominance of the neo liberal economy in the 1990s, gave rise to the discourse of community forestry enterprise (de Jong, 2012), assuming that communities who are able to profit substantively from the forests will be inclined to manage them sustainably.

While these SF discourses are somewhat sequential (de Jong, 2012), they are not exclusive and overlap and mix with parallel discourses. For example, the social justice discourses driving participatory development and 'Bottom up Planning' approaches of the early 1980s and the movement for rights of indigenous and other local communities to exercise control over their traditional natural resources have contributed to the development of SF as a rights-based approach.

The discussion above highlights the influence of discourses and values and interests of the national institutions on the objectives and regulations on SF. However, all regulations and policy, highlight that SF intends that forest should be for the people by the people. Yet, institutional stickiness and attachment to power has made full devolution of forests an elusive dream. Time and again, powerful actors remain reluctant to give up management power and the benefits to be gained (Edmund and Wollenberg, 2003; Dahal and Capistrano, 2006; Sunderlin, 2006; Schusser et al., 2015; Adiwibowo, 2016).

There remains a tension between governments (and powerful non-state actors) trying to exert control over forestland and local people claiming or reclaiming rights over resources they consider their heritage. There are tensions between processes of recentralization and decentralization, and between processes of gaining access and exercising access. An example is how in Kalimantan, the decentralization in 1999, allowed local communities the right to log their forests. This led to a logging boom benefiting local people but also leading to some environmental damage. In 2002, this right was re-centralized to the province and communities were no longer allowed logging rights. In Vietnam, there are cases where large, often state owned companies took over the land already allocated to individual households. Although the grassroots democracy decree promises protection of local rights, State interest takes precedence in practice. Indeed a contested devolution.

5.2. SF as a rights based approach?

At the same time, in both Vietnam and Indonesia, SF has become one approach to solve conflicts and to recognize rights of indigenous or local communities. Yet, rights are allocated rather than recognized, and limited to use and management only rather than ownership or control. The constitution of Vietnam states that all land belongs to the state and citizens have only use rights. The government of Indonesia does not claim to 'own' (*memiliki*) all land but instead uses the word 'control' (*menguasai*) thereby claiming the right of disposal and thus the right to allocate land or 'permit' others to use the land.

In the context of SF, forest management is considered a communal effort and land is allocated to groups or communities. However, traditionally, while the rights to a forest or landscape might be communal, there is often a nested mix of communal and individual rights, e.g. in Kalimantan the *tembawang* agro-forest is a communal property with individual rights to certain trees (Peluso 1996), and in Sulawesi, forest farmers groups were formed to gain a CF permit but in practice, little patches of forest are used and managed individually. This is in contrast to some cases in Vietnam where forestland is allocated to individual households while the community might in fact rather manage it communally (Sikor and Nguyen, 2011). The disconnect between rights allocation and household and community forest use strategies could disrupt local governance structures and how benefits are captured. It is therefore necessary to better understand the interlinkages between communal and individual rights and how communities operate in relation to forest as part of SF policy design if objectives of empowerment and devolution of rights are to be taken seriously.

In both Vietnam and Indonesia, legal rights of use to forestland and resources come with restrictions: they are usually time bound, allow only certain uses, and with only part of the bundle of rights (e.g. no alienation or conversion to other uses) are transferable. These rights also come with associated responsibilities: to manage the forest in accordance with technical requirements often for forest protection and rehabilitation rather than production for local livelihood needs, and includes submitting management plans and budgets often beyond the ability of local people.

Local communities might therefore reject these programs, either because they are not interested in managing forest or because it does not recognize their historical rights, as occurred in one community forest area in South Sulawesi (Moeliono et al., 2015b). Instead, it reinforces what is 'given' by the state and therefore, can also be revoked by the state.

Although, SF is positioned as a solution within the rights based approach, it is also recognized that, even when communities desire SF, tenure rights alone do not guarantee its success (Sikor and Nguyen, 2011; Larson et al., 2010). Secure tenure leads to desirable environmental, economic, political, and cultural outcomes only if local communities can realize the rights given to them in legislation. For example, tenure transfers have little meaning if forest regulations and logging bans severely restrict the concrete rights accorded to people to use and extract timber and other resources. Transfers also possess little value if they emphasize protection obligations over rights to forest use and management. In addition, legal tenure rights often do not translate into real rights on the ground if local authorities and communities do not have the capacity to implement legal stipulations (Larson et al 2010; Barry et al., 2010).

At the same time, focus on tenure has been at the expense of the more technical matters of good forest management (Moeliono et al., 2015b). Often communities are given areas that are less productive or poor quality forest, or are expected to restore degraded land without adequate technical input (Sunderlin, 2006; Wode and Huy, 2009; Le, 2010; Pulhin et al., 2010). As Dressler et al (2010) also found, governments tend to consider their task done when policies are made, communities informed, land allocated or permits issued. There is little effort to help communities understand their rights and responsibilities regarding the allocated forests. In most instances, local people accept their responsibility to protect or manage the allocated forest, but have little understanding of the related responsibilities of others, particularly state actors, to support them in realizing their endowed rights (Maryudi et al., 2012)

Furthermore, the institutional aspects of governance are often neglected. Permits or rights were at times allocated to groups where such groups are not well established nor have a communal identity (Indonesia) or to individuals where traditional systems are communal (Vietnam). Rather than strengthening governance, the introduced schemes can cause disruption and conflict and lead to disempowerment (Blaikie, 2006; Moeliono et al., 2015b; Maryudi et al., 2016).

5.3. SF as a new mode of governance?

SF might also be considered as a new mode of governance, where the failure of the state to manage forests sustainably and or solve forest land conflicts peacefully, calls for redistribution of power and decision making over the use of forest with the expectation that this would lead to more sustainable forest management. Although as in Indonesia, while the law mandates community empowerment, it is unclear as to what it implies and who should do it. 'Empowerment' is thus simply translated as participation or involvement of local community in forestry activities. Some argue that participation does not always empower as often only the elites in a community are able to participate. In that case, participation might even be disempowering (Agrawal, 2001, Cooke and Kothari, 2001)

Community empowerment can be perceived from two aspects: firstly, it relates to the ability of an individual or group to exercise agency, to make decisions, and take ownership of their lives. The second aspect relates to institutional structure, both state and non-state, that are more responsive and accountable to people and thus enables agency. Empowerment is thus located at the intersection of asset-based agency and institution-based opportunity with transformative processes of democracy and transfer of powers, respectively (Chomba et al., 2014). However, in the practice of SF, empowerment is understood as the state providing access to forestland and resources, thereby simply assuming that access will automatically lead to better management of forest and improved livelihood.

There is no acknowledgement of the ability of communities to manage forests traditionally. There is no recognition that a "community" comprises a complex set of actors, with different social, economic, and political characteristics such as wealth, gender, age, ethnicity, and castes (Agrawal and Gibson 1999), with different access to resources and power, and different interests in, and claims over, various environmental goods and services (Leach et al., 1999, Nygren, 2000; Chomba et al., 2016).

Power relations are often the most resistant part of institutions to change (Wilshusen, 2009; Sneddon and Fox 2007; Wong, 2010), perpetuated through political ties, family assets and land

holdings, family networks, and religious affiliations (Dasgupta and Beard 2007; Lund and Saito-Jensen 2013; Schusser et al., 2016). In the processes around SF, the State usually deals with the village institution, and this institution is often also an apparatus of the State. Indeed, as we observed in rural settings in Vietnam and Indonesia, local institutions led by a village head is often the only bridge of communication between the community and external interventions. The village head is usually nominated by the state and although might be voted for local people, but they still need to get formal approval from the party to be formally recognized as the village head. The power of access and information allows the local elites to “exert disproportionate influence over a collective action process” (Beard and Phakpian, 2009). Elites tend to position themselves as decision makers and promote their own agenda (Thoms, 2008). Many assessments on SF include reports on how elites in a community are able to capture most of the benefits (To and Tran, 2014; Maryudi et al., 2012). While these examples all refer to power relations at the local level, when placing SF into a wider political economy framework, the lack of changes in power relations beyond the local becomes very visible: the established power relations between state- and non-state actors; state, private sector and civil society; and national and local level power relations all have changed so far very little over the course of the different waves of SF, if at all.

SF interventions have contributed to inequality and elite capture, especially where local elites dominate the village enterprises (often a State or State-initiated institution) assigned to manage village forests in Indonesia (Moeliono et al., 2015a). This same problem can be exacerbated when future benefits tied to community forestry practices (such as PES or REDD+) come into play. Studies from West Kalimantan, suggests that the implementation of government development projects or REDD+ without intimate knowledge of the political landscape of resource struggle can easily lead to benefits appropriated by local elites (Kallio et al., 2016; Eilenberg, 2015)

Policy documents often imply that local communities are weak and incapable of managing forest sustainably without prescriptive rules. Yet proponents of SF often mention the weakness of the state and the inability of government institutions to manage the forest. Thus on the one hand, the state ignores the different local institutions and their different interests and on the other, an often mentioned constraint is the lack of government institutions responsible for SF.

In Vietnam, there is no official government institution that is responsible for community forest management at both central and local levels. High ranking policy makers in MARD are not convinced about the important role of SF due to small areas of only 3.76% of forest that are currently managed by communities, and the mixed results of pilot programs which shows SF is not always effective¹. However, this figure only refers to land allocated to communities for communal management and overlooks the 25% of total forests that are under community management (RECOFTC, 2014) allocated to households, as a large proportion of individual land is managed at communal level.

In Indonesia, the new government of Joko Widodo merged the Ministry of Forestry with the Ministry of Environment in 2015, and formed a special Directorate General to manage SF. The Directorate General is expected achieve the target of allocating 12.7 million hectares for SF by 2020 (RPJM). However, SF is challenged by a small budget, (about half of what is allocated for the forest production sector), and this is also the case in Vietnam.

The SF assemblage. We have discussed how a national-led reform process does not translate well at the local level. Indeed, community forest management is what Li (2009) terms an ‘assemblage’, where competing and overlapping responsibilities, discourses and interests among provincial government, district government, the various Technical Implementing Units of the Ministry (e.g. SF, Watershed Management, Park management), different non-government actors and local communities have made the cohesive governance and management of forest so difficult. Changes at national level and the establishment of new agencies to manage SF, as occurred in Indonesia, have led to confusion and insecurity. Unless mandates and roles are clarified, a coordinating mechanism is established and funding allocated accordingly, targets will likely not be achieved.

¹ Interview results, 2014

Despite the decentralization processes associated with SF in Vietnam and Indonesia, the State has remained a dominant presence. The governmentality of SF can be seen in two ways: firstly, SF is perhaps not so much meant to seriously transfer authority to communities, but to maintain control over forests in a different manner, for example, through complex permitting applications and reporting obligations. Decentralization also offers an opportunity for States to transfer their unresolved forest problems and financial deficits, while maintaining central control over valuable assets and resources. This is certainly the case for Vietnam in terms of state failure and budget deficits in forest management, and Indonesia in terms of appeasing local conflicts. Hence, what seems empowerment of and increased autonomy for and communities at first glance, is actually driven by the central state to dispose of its wicked problems (Arts, 2014).

Secondly, SF is not about increasing decision-making power for ordinary people, but is really about shaping of the community as environmentally responsible subjects and the creation of mutual consent around local forestry problems and objectives (Agarwal 2005). Given these two perspectives and state failure to transform SF as a diverse and complex system of local and nested forms of governance, we should be “cautious about accepting too optimistic or too naïve governance claims of devolution, autonomy and empowerment.” (Arts 2014).

6. Conclusions

Although based on different contexts and for different reasons, SF was adopted by the governments of Vietnam and Indonesia as a government program to achieve the multiple objectives of improving livelihoods, empowering communities and improving forest governance. The governments regulate SF by legislating multiple policies and regulations that have had at times contradictory effects to their stated objectives. Based on a literature review and data from the field, we find that conflicts over resources, incomplete allocation of rights, misalignment between formal SF rules and local governance systems, and actors involved have rendered SF ineffective in general.

Several interpretations can be identified. First is that the government itself has no serious interest in the implementation of SF as it not only would lose control over the resources, but also must undergo transformational change. Old habits die hard and institutional stickiness and vested interests is a common problem (Brockhaus et al., 2014). Secondly, either there is a lack of trust, or communities are indeed unwilling to manage forests on these terms. Local people do not hesitate to change their livelihood system if they see economic opportunities (Feintrenie et al., 2010) but incentives need to be clear.

Thirdly, empowerment needs more than SF, it would need respect for the local people and structural reform to provide clear rights and responsibilities allowing local people autonomy to exercise power. It requires providing understanding and skills that allows local people to govern resources. Equally important, it also requires an understanding that the interlinkages between the community and forest are not static, but an adaptive and dynamic practice of governance to changing development, movements of people, market, policy and environmental processes. As the experience from Vietnam and Indonesia suggest, SF in its current forms fail to meet up to these requirements. In line with other authors (Adiwibowo, 2016; Maryudi, 2012) it may be that SF is indeed not fully serving the interests of the people, but perhaps that of the State.

Acknowledgement

This study was conducted under the ASEAN-Swiss Partnership on Social Forestry and Climate Change (ASFCC), funded by the Swiss Agency for Development and Cooperation (SDC) – Switzerland F-07476.02.04 (Social Forestry, Swidden Systems and Social Networks: Lessons for Designing REDD+ in Southeast Asia, Contract n^o810245657).

The research was led by the Centre of International Forestry Research (CIFOR) in collaboration with National University of Laos (NUOL), the Vietnamese Academy of Forest Sciences (VAFS), and the University of Tanjungpura (UNTAN). We are grateful to the ASEAN Working Group on Social Forestry (AWG-SF), and our local partners and informants for their instrumental support, advice and

patience during the course of this research. We especially thank the respondents for their valuable time and rich insights on which this paper is based. We also thank the anonymous reviewers for their constructive and very helpful contributions to this paper.

Additional funding was provided by the Norwegian Agency for Development Cooperation; the Australian Agency for International Development; the European Union; the International Climate Initiative (IKI) of the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB); the United Kingdom Department for International Development; and the CGIAR Research Program on Forests, Trees and Agroforestry.

References

- Adiwibowo, S., Shohibuddin, M., & Kartodihardjo, H. (2016). Contested devolution: the political ecology of community-based forest management in Indonesia.
- Agrawal, A. (2005). *Environmentality: Technologies of Government and the Making of Subjects*. Duke University Press, Durham and London.
- Agrawal, B. (2001). Participatory exclusions, community forestry, and gender: An analysis for South Asia and a conceptual framework. *World Development* 29(10):1623–1648.
- Agrawal, A. and Gibson, C.C. (1999). Enchantment and disenchantment: the role of community in natural resource conservation. *World development* 27(4):629-649.
- Ardiansyah, F., Marthen, A. A., & Amalia, N. (2015). Forest and land-use governance in a decentralized Indonesia: A legal and policy review. Occasional Paper 132. Bogor, Indonesia: CIFOR.
- Arnold, J.E.M. (1992). *Community Forestry: Ten Years in Review*. Rome, Italy: Food and Agriculture Organizations of the United Nations. <http://www.fao.org/docrep/u5610e/u5610e00.HTM>
- Arnold, J.E.M. (2001). *Forests and people: 25 years of community forestry*. Rome, Italy: Food and Agriculture Organizations of the United Nations. <http://www.fao.org/docrep/012/y2661e/y2661e00.pdf>
- Arts, B. (2014). Assessing forest governance from a 'Triple G' perspective: Government, governance, governmentality. *Journal of Forest Policy and Economics* 49:17-22
- Barry, D., Larson, A.M., & Colfer, C.J.P. (2010). Forest tenure reform: an orphan with only uncles. In Larson AM, Barry D, Dahal GR and Colfer CJP, ed. *Forests for people: community rights and forest tenure reform*. London, UK: Earthscan. 19-39.
- Beard, V., & Phakphian, S. (2009). Community-based Planning in Chiang Mai, Thailand: Social Capital, Collective Action and Elite Capture. Paper presented at Dialogical Conference 'Social Capital and Civic Engagement in Asia', 7-10 May 2009. University of Toronto.
- Blaikie, P. (2006): Is Small Really Beautiful? Community-based Natural Resource Management in Malawi and Botswana. *World Development* 34(11): 1942-1957.
- Brockhaus, M., & Di Gregorio, M. (2014). National REDD+ policy networks: from cooperation to conflict. *Ecology and Society* 19(4):14.
- Brockhaus, M., Di Gregorio, M., and Carmenta, R. (2014). REDD+ policy networks: exploring actors and power structures in an emerging policy domain. *Ecology and Society* 19(4):29.
- Brockhaus, M., & Angelsen, A., (2012). Seeing REDD+ through 4Is: a political economy framework. Analysing REDD+: challenges and choices. Center for International Forestry Research, Bogor, Indonesia, pp.15-30.
- Brosius, J.P, Tsing, A.L., & Zerner C. (1998). Representing communities: Histories and politics of community-based natural resource management. *Society & Natural Resources* 11(2):157-168.
- Campbell, J.L. (2002). Ideas, Politics and Public Policy. *Annual Review of Sociology* 28: 21-38.
- Chao, S. (2012). *Forest Peoples: Numbers across the world*. UK: Forest Peoples Program. http://www.forestpeoples.org/sites/fpp/files/publication/2012/05/forest-peoples-numbers-across-world-final_0.pdf
- Chomba, S., Kariuki, J., Lund, J.F., & Sinclair, F. (2016). Roots of inequity: How the implementation of REDD+ reinforces past injustices. *Land Use Policy* 50:202-213.

- Chomba, S., Nathan, I., Minang, P.A., & Sinclair, F. 2015. Illusions of empowerment? Questioning policy and practice of community forestry in Kenya. *Ecology and Society* 20(3):2.
- Chomba, S., Treue, T., & Sinclair, F. (2014). The political economy of forest entitlements: can community based forest management reduce vulnerability at the forest margin? *Forest Policy and Economics* 58: 37-46.
- Cooke, B., & Kothari, U. (2001). *Participation: The new tyranny?* New York: Zed Books.
- Dahal G.R., and Capistrano, D. (2006). Forest governance and institutional structure: an ignored dimension of community based forest management in the Philippines . *International Forestry Review* 8 (4) :377-394. ISSN: 1465-5489
- Dasgupta, A., & Beard, V.A. (2007). Community driven development, collective action and elite capture in Indonesia. *Development and change* 38(2): 229-249.
- De Jong, W. (2012). Discourses of community forestry. In Arts B, van Bommel S, Ros-Tonen M and Verschoor G, ed. *Forest-people interfaces: from local creativity to global concern*, pp. 107-120. Netherland: Wageningen Academic Publishers.
- [Dirjen PSKL] Direktorat Jenderal Perhutanan Sosial dan Kemitraan Lingkungan. (2015). *Rencana Strategis 2015-2019*. Jakarta, Indonesia: Kementerian Lingkungan Hidup dan Kehutanan.
- Dressler, W., Büscher B., Schoon, M., Brockington, D.A.N., Hayes, T., Kull, C.A., McCharthy, J., & Shrestha, K. (2010). From hope to crisis and back again? A critical history of the global CBNRM narrative. *Environmental conservation* 37(1):5-15.
- Edmunds, D. & Wollenberg, E. (2003). Whose Devolution is it Anyway? Divergent Constructs, Interests and Capacities between the Poorest Forest Users and States. Local forest management: the impacts of devolution policies. Edmunds, D., Wollenberg, E. (eds.) 150-165
- Eilenberg, M. (2015). Shades of green and REDD: Local and global contestations over the value of forest versus plantation development on the Indonesian forest frontier. *Asia Pacific Viewpoint* 56(1), pp.48-61.
- Feintrenie, L., Schwarze, S., and Levang, P. 2010. Are local people conservationists? Analysis of transition dynamics from agroforests to monoculture plantations in Indonesia. *Ecology and Society* 15(4).
- Gilmour, D. (2016). *Forty years of community-based forestry: A review of its extent and effectiveness*. Rome, Italy: Food and Agriculture Organizations of the United Nations. <http://agris.fao.org/agris-search/search.do?recordID=XF2017000018>
- Hakim, I., Irawanti, S., Murniati, Sumarhani, Widiarti, A., Effendi, R., Muslich, M., & Rulliaty, S. (2010). *Social Forestry Menuju Restorasi Pembangunan Kehutanan Berkelanjutan*. Bogor, Indonesia: Pusat Penelitian dan Pengembangan Perubahan Iklim dan Kebijakan.
- Helvetas Vietnam. (2002). *Vietnam experience & possible contribution to SDC development goal: Sustainable livelihoods & poverty reduction in the upland*. Hanoi, Vietnam: Helvetas Vietnam.
- Herriman, N., & Winarnita, M. (2016). Seeking the State: Appropriating Bureaucratic Symbolism and Wealth in the Margins of Southeast Asia. *Oceania* (2016) DOI:10.1002/oc.5122
- Kallio, M.H, Moeliono, M., Maharani, C., Brockhaus, M., Hogarth, N.J., Daeli, W., Tauhid, W., & Wong, G. (2016). Information exchange in swidden communities of West Kalimantan: lessons for designing REDD+. *International Forestry Review*, 18(2): 203-217.
- Kellert, S.R., Mehta, J.N., Ebbin, S.A., & Lichtenfeld, L.L. (2000). Community natural resource management: promise, rhetoric, and reality. *Society & Natural Resources*, 13(8): 705-715.
- [KEMENLHK] Kementerian Lingkungan Hidup dan Kehutanan. (2016). *Capaian Perhutanan Sosial Tahun 2016*. Jakarta, Indonesia: KEMENLHK. Accessed 21 August 2017. <http://www.menlhk.go.id/tinymcpuk/gambar/file/3.%20CAPAIAN%20PS%20TH%202016.pdf>
- Larson, A.M. (2005). Democratic decentralization in the forestry sector: Lessons learned from Africa, Asia and Latin America. In Colfer CJP and Capistrano D, ed. *The Politics of Decentralization: Forests, Power and People*. London, UK: Earthscan.
- Larson, A.M., & Ribot, J.C. 2007. The poverty of forestry policy: double standards on an uneven playing field. *Sustainability Science* 2(2):189-204.

- Larson, A.M., Barry, D., & Dahal, G.R. (2010). New rights for forest-based communities? Understanding processes of forest tenure reform. *International Forestry Review*, 12(1): 78-96.
- Le, K.C. (2010). Vietnam national forest programme process evaluation report (2nd draft). Available at: http://vietnamforestry.org.vn/NewsFolder/NFP%20Assessment%20Report_EN.pdf [2 February 2012].
- Leach, M., Mearns, R., & Scoones, I. (1999). Environmental entitlements: dynamics and institutions in community-based natural resource management. *World development* 27(2):225-247.
- Li, T.M. (2002). Engaging simplifications: community-based resource management, market processes and state agendas in upland Southeast Asia. *World development* 30.2 (2002): 265-283.
- Li, T.M. (2007). Practices of assemblage and community forest management. *Economy and society* 36(2):263-293.
- Lindayati, R., (2002). Ideas and institutions in social forestry policy. Which Way Forward? People, Forests, and Policymaking in Indonesia, pp.36-59
- Lund, J.F., & Saito-Jensen, M. (2013). Revisiting the issue of elite capture of participatory initiatives. *World development* 46:104-112.
- [MARD] Ministry of Agriculture and Rural Development. (2007). *Project of forest allocation and lease for the period of 2007–2010*. [Attached to Decision No. 2740 /QĐ- BNN-KL.] Hanoi, Vietnam: MARD.
- Maryudi, A., Devkota, R.R., Schusser, C., Yufanyi, C., Salla, M., Aurenhammer, H., Rotchanaphatharawit, R., & Krott, M. (2012). Back to basics: considerations in evaluating the outcomes of community forestry. *Forest Policy and Economics* 14(1):1-5.
- Maryudi, A. (2012). Restoring state control over forest resources through administrative procedures: Evidence from a community forestry programme in Central Java, Indonesia. *ASEAS – Austrian Journal of South-East Asian Studies* 5(2): 229-242.
- McCarthy, J. (2005). Devolution in the woods: community forestry as hybrid neoliberalism. *Environment and Planning A* 37(6):995-1014.
- Meinzen-Dick, R., Di Gregorio, M., & Dohrn, S. (2008). *Decentralization, pro-poor land policies, and democratic governance*. CAPRI Working Paper No. 80. Washington DC, USA: International Food Policy Research Institute (IFPRI).
- Ministry of Environment and Forestry, Indonesia. (2016). Dataset Lingkungan Hidup Dan Kehutanan Tahun 2016. <http://www.menlhk.go.id/berita-129-dataset-lingkungan-hidup-dan-kehutanan.html>
- Ministry of Forestry and Bureau of Statistics (DepHut and BPS, 2009). Identifikasi Desa di Dalam dan di Sekitar kawasan Hutan. 2009. (identification of villages in and around forest areas).
- Moeliono, M., Mulyana, A., Adnan, H., Manalu, P., Yuliana, L., and Balang. (2015a). *Village forests (Hutan Desa): empowerment, business or burden*. Brief 51. Bogor, Indonesia. World Agroforestry Centre (ICRAF) Southeast Asia Regional Program.
- Moeliono, M., Mulyana, A., Adnan, H., Yuliani, E.L., Manalu, P., & Balang. (2015b). *A permit is not enough: community forests (HKM) in Bulukumba*. Brief 49. Bogor, Indonesia: World Agroforestry Centre (ICRAF) Southeast Asia Regional Program.
- Nguyen, B.N. 2009. *Report on community forest management in Vietnam: status, problems and solutions*. IUCN Vietnam Strengthening Voices for Better Choices Project
- Nguyen, Q.T., Nguyen, B.N., and Nguyen, N.T. (2008). *Forest tenure reform in Vietnam: case studies from the northern upland and central highlands regions*. Hanoi, Vietnam: The Center for People and Forests (RECOFTC) and the Rights and Resources Initiative (RRI).
- Nygren, A. (2000). Development discourses and peasant-forest relations: natural resource utilization as social process. *Development and Change* 31(1): 11-34.
- Peluso, N.L. 1996. Fruit trees and family trees in an anthropogenic forest: Ethics of access, property zones, and environmental change in Indonesia. *Comparative studies in Society and History* 38(3): 510-548.

- Pham, T.T., Moeliono, M., Nguyen, T.H., Nguyen, H.T., and Vu T.H. (2012). *The context of REDD+ in Vietnam: Drivers, agents and institutions*. CIFOR Occasional Paper no. 75. Bogor, Indonesia: Center for International Forestry Research.
- Praputra, A.V, Sahide, M.A.K., & Santosa, A. (2015). *Menata Era Baru Kehutanan Masyarakat*. Policy Brief Kehutanan Masyarakat. Bogor, Indonesia: FKKM.
- Pollock., & David, H. (1973). The Cruel Choice: A New Concept in the Theory of Development. By Goulet Denis. *The Americas* 29.3 (1973): 395-397.
- Pulhin, J.M., Larson, A.M., & Pacheco, P. (2010). Regulations as barriers to community benefits in tenure reform. In Larson AM, Barry D, Dahal GR and Colfer CJP, ed. *Forests for people: community rights and forest tenure reform*, pp. 139-159. London, UK: Earthscan.
- Purnomo, E.P., & Anand, P.B. 2014. The Conflict of Forest Tenure and the Emergence of Community Based Forest Management in Indonesia. *Journal of Government and Politics* 5(1).
- RECOFTC. (2014). *Current status of social forestry in climate change mitigation and adaptation in the ASEAN region: Situational analysis 2013*. Bangkok, Thailand: RECOFTC – The Center for People and Forests.
- RECOFTC, ASFN & SDC. 2010. *The role of social forestry in climate change mitigation and adaptation in the ASEAN region. Assessment 2010*. Bangkok, Thailand: RECOFTC – The Center for People and Forest.
- Ribot, J.C, Lund, J.F., and Treue, T. (2010). Democratic decentralization in sub-Saharan Africa: its contribution to forest management, livelihoods, and enfranchisement. *Environmental Conservation* 37(1):35-44.
- Sam, T., & Shepard, G. (2011). *Community Forest Management*. Background Paper for The United Nations Forum on Forests Secretariat UNFF9: “Forests for People, Livelihoods and Poverty Eradication”. UN Headquarters, 24 January to 4 February 2011. New York, USA: UN. <http://www.un.org/esa/forests/pdf/publications/CBFM.pdf>
- Schusser, C., Krott, M., Movuh, M.C.Y., Logmani, J., Devkota, R.R., Maryudi, A., Salla, M., & Bach, N.D. (2015). Powerful stakeholders as drivers of community forestry—Results of an international study. *Forest Policy and Economics*, 58: 92-101.
- Scott, J.C. (2009). *The art of not being governed: An anarchist history of upland Southeast Asia*. Yale University Press.
- Scott, J.C. (1998). *Seeing Like a State. How Certain Schemes to Improve the Human Condition Have Failed*. Connecticut, USA: Yale University.
- Sikor, T., & Apel, U. (1998). *The possibilities for community forestry in Vietnam*. Working paper series No.1 (Asia Forest Network). Berkeley, USA: Center for Southeast Asia Studies, University of California.
- Sikor, T., & Nguyen, Q.T. (2007). Why May Forest Devolution not Benefit the Rural Poor? Forest Entitlements in Vietnam’s Central Highlands. *World Development* 35(11): 2010-2025.
- Sikor, T., & Müller, D. (2009). The limits of state-led land reform: An introduction. *World Development*, 37(8): 1307-1316.
- Sikor, T., & Nguyen QT. (2011). *Realizing Forest rights in Vietnam: Addressing Issues in Community Forest Management*. Hanoi, Vietnam: The Center for People and Forests.
- Sneddon, C., and Fox, C. (2007). Power, development, and institutional change: Participatory governance in the lower Mekong basin. *World Development* 35(12): 2161-2181.
- Soriaga, R., & Walpole, P. (2006). *Forests and Poverty Reduction: Opportunities in Asia-Pacific Region*. Paper Presented during the Asia-Pacific Forestry Commission Pre-Session Workshop, 15 April 2006. Dehradun, India: Asia Forest Network. <http://www.asiaforestnetwork.org/pub/pub77.pdf>
- Streeten, P., Burki, S.J., Haq, U., Hicks, N., & Stewart, F. (1981). First things first: meeting basic human needs in the developing countries.
- Sunderlin, W.D. (2006). Poverty alleviation through community forestry in Cambodia, Laos, and Vietnam: An assessment of the potential. *Forest Policy and Economics*, 8(4): 386-396.
- Sunderlin, W.D. and Huynh, T.B. (2005). *Poverty alleviation and forests in Vietnam*. Bogor, Indonesia: Center for International Forestry Research.

- Thoms, C.A. (2008). Community control of resources and the challenge of improving local livelihoods: A critical examination of community forestry in Nepal. *Geoforum* 39 (3): 1452-1465.
- To, X.P., & Tran, H.N. (2014). *Forest Land Allocation in the Context of Forestry Sector Restructuring: Opportunities for Forestry Development and Uplands Livelihood Improvement*. Hue, Viet Nam: Tropenbos International Viet Nam.
- Todaro, M.P., Smith, S.C. (2012). Economic development. George Washington University. 2012.
- Wilshusen, P.R. (2009). Social process as everyday practice: the micro politics of community-based conservation and development in southeastern Mexico. *Policy Sciences* 42(2): 137-162.
- Wode, B., & Huy, B. 2009. *Study on state of the art of community forestry in Vietnam*. Hanoi, Vietnam: GTZ and GFA Consulting Group.
- Wong, S. (2010). *Elite capture or capture elites? Lessons from the 'counter-elite' and 'co-opt-elite' approaches in Bangladesh and Ghana*. Working paper 2010, 82. Helsinki, Finland: World Institute for Development Economics Research.

Vietnam regulations and policies

- Decision 799/QĐ-TTg dated 27/6/2012 on approval of the National REDD+ Action Program
- Decision No. 187/1999/QĐ-CP: on renovation of organizational structure and management mechanism of SFE directing SFEs to give forest lands back to the districts, so that they could be further allocated to households
- Decree No. 163/1999/ND-CP: on assigning and leasing forestland.
- Decree 29/1998/ND-CP in May 1998, later amended to Decree 79/2003/ND-CP in July 2003: on grassroots democracy
- Decree No. 01/1995/ND-CP: on land allocation for use in agricultural, forestry production, aquatic product rearing within state-owned enterprises.
- Decree No. 01/CP/1995: on contracting agricultural land, production forest and surface water for aquacultural production to organizations
- Decree No. 02/1994/ND-CP: regulating forest land allocation to organizations, households and individuals for long term and stable use on forestry purpose
- Forest Protection and Development Law of 2004: recognizing legal status of village communities in forest management
- Land Law of 2003: recognizing and regulating the legal status of village communities in land tenure

Indonesia regulations and policies

- Constitutional Court Decree (MK) 35/PUU-X/2012 dated 26/03/2013 about Customary Forest (*Hutan Adat*)
- Government Regulation No. 6/2007 on Forest Systems and the Formulation of Forest Management and Use
- Government Regulation No. 3/2008 on Amendments to Government Regulation No. 6/2007 on Forest Systems and the Formulation of Forest Management and Use
- Ministerial Decree No. P.83/MENLHK/SETJEN/KUM.1/10/2016 on Social Forestry (*Perhutanan Sosial*)
- Ministerial Decree No. P.52/MENHUT-II/2011 on third amendments of Ministry of Forestry Decree No. P.37/MENHUT-II/2007 on Community Forestry (*Hutan Kemasyarakatan*)
- Ministerial Decree No. P.53/MENHUT-II/2011 on second amendments of Ministry of Forestry Decree No. P.49/MENHUT-II/2008 on Village Forest (*Hutan Desa*)
- Ministerial Decree No. P.55/MENHUT-II/2011 on procedure to request permits to use non timber products in planted forest (*tentang Tata Cara Pemohonan Izin Usaha Pemanfaatan Hasil Hutan Kayu pada Hutan Tanaman Rakyat dalam Hutan Tanaman*)
- Ministerial Decree No. P.49/MENHUT-II/2008 on Village Forest (*Hutan Desa*)

Presidential regulation no 88, 2017 on solving conflicting claims in forest areas (tentang *Penyelesaian Penguasaan Tanah dalam Kawasan Hutan*)
Law No 41/1999 dated 30/09/1999 on Forestry
Law No.6/2014 on Village (tentang Desa).