Abstract—In Indonesia, there are currently 57 million hectares of forest area controlled by indigenous people. 40 million hectares of which are still maintained. This is a comprehensive evidence of Indonesia's indigenous people role in keeping the forest in the midst of uncertain climate change. One of the indigenous groups that still exist are the Bayanese people at Bayan village in North Lombok regency, West Nusa Tenggara. The Bayanese still maintain their forests through a set of custom rules containing 23 principles related prohibitions, obligations, as well as forest preservation system that has lasted for hundred years called awiq-awiq. This research conducted at the Bayan Village, North Lombok. The research aims to find out how the significance of the awiq-awiq concept as the Bayanese traditional rules capable to preserve and manage indigenous forests for hundred years and credited with keeping the climate enhancement in North Lombok. In addition, the study also wants to elaborate how the awiq-awiq can implemented in a wider space in order to find solutions to global climate change.

Keywords—Forest, Bayanese People, Awiq-Awiq, Climate Change, Management

I. INTRODUCTION

Geographically, North Lombok lies between (115°46-115°28) east longitude and between (8°120-8°550) South Latitude with boundaries as follows: Sea of Java in the North, Straits of Lombok and West Lombok regency in the West, Central Lombok regency in the South, and East Lombok in the East. The North Lombok regency Topography in the north along into the middle of the mountain range are protected forest that serves as hydrology, while along the coast there is only a narrow and limited lowland. In the middle stretches from east to west, there is a fairly extensive lowland which is a fertile agricultural region. In the southern region there is a hilly plateau that serves as a buffer forest hydrology.

With these circumstances, North Lombok is very strategic especially in a forest management system. This is a qualitative phenomena seen in the frame and a unique perspective to understand the phenomenon in depth. This is to see how social processes and traditional rituals throughout the year as part of local tradition and hereditary society. According to that habititude, Bayan village frequently considered as the mother of all villages that developed from an indigenous Bayanese community because its legacy of the ancient mosque which called Bayan Beleq which is considered the oldest Mosque in Lombok. In addition, the Bayanese has maintain the survival of people and nature and preserve their forest for hundreds of years to bring harmony between man, nature, and the rules of customary law.

II. METHOD

This research was conducted by involved research methods that explored as a special case study in order to understand the phenomenon in depth. This is to see how social phenomenon seen in the frame and a unique perspective especially in a forest management system. This is a qualitative research with some data collection techniques as follows:

a) Study of the literature was conducted to look at the context of the Bayanese indigenous location that will underpin and find the relationship of every phenomenon that occurs in the process of indigenous forest management system.

b) The documents from the local resources such as the regulations of the local area become a secondary data to complete the research.

c) In-depth interviews (depth interview) will be made to group members and key figures.
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This situation were not only colourized the Sasak tradition, but Hindu Balinese presence intensified and unified opposition. into Lombok in the eighteenth and nineteenth centuries, but supported Sasak nobles and dominated parts of East Lombok fierce battles with both Sasak and Makassarese who had control of the entire island. Until that time, Balinese fought western half of the island until around 1740, when they gained control of the entire island and were then immediately considered Sasak. More Balinese migrated to West Lombok in the sixteenth century and established permanent settlements. In the seventeenth century, Balinese forces defeated Sasak kingdoms and controlled the western half of the island until around 1740, when they gained control of the entire island. Until that time, Balinese fought fierce battles with both Sasak and Makassarese who had supported Sasak nobles and dominated parts of East Lombok and Sumbawa. Balinese culture was increasingly transplanted into Lombok in the eighteenth and nineteenth centuries, but Hindu Balinese presence intensified and unified opposition. This situation were not only colourized the Sasak tradition, but also the Bayanese, as their daily activities.

According to the history of the Bayanese, the acculturation between religion and culture has spawned a philosophical concept that called Wetu Telu as the basis of Bayan people. In line with it, the information from the North Sajang village people (neighbor Village of Bayan) confirmed that the concept of Wetu Telu actually appear and arise from Bilok Petung village in Sembalan district. It is characterized by the presence of some special form of Wetu Telu typical ancient relics like ancient manuscripts, sacred scripture and others. Furthermore, Even when in ancient Bayan Beleq mosque’s restoration, the ingredients for the restoration must come from Bilok Petung [4][5]. Structurally, the Wetu Telu concept are led by a group of Mangku, Mekel, and Penghulu.

Each of these leaders is assumed to order in different fields. The Mangku have to order in a development side, economic, and others; The Mekel working in the field of governance; and Penghulu working in the field of religion. These three structural concepts then become teh Bayanese Adat which called as Wetu telu. This concept Therefore develop in a wider idea including all three things in human life. For example; three process of creatures that consist of birth; life; and death. Three emergence of human being that is meranak (birth), the emergence of life as is the case with childbirth in humans and some animals such as cattle, Buffalo, Goat, and others; menteluk (spawn), as is the case in most animals, such as crocodiles, birds, poultry, etc; mentiu (grown from seed), as occurs in plants. It is considered solidarity between the three sources of religious law; customs; and Government.

In different way, Budiwanti[6] explain that Wetu Telu Bayan, was the Sasak people that despite claiming to be Muslims, continue to revere the spirits of the ancestors and others in their local context. Budiwanti recognize this dichotomy is actually more like the term of Islam Abangan and in some respects Islam Santri in the dichotomy of Geertz on Javanese Islam. According these different definition of what the Wetu telu is, we can assumed that Wetu Telu is a concept of the Bayanese people way of life that makes a good relation and harmony not only with natural environment, but also with the human being, the Creature, and their ancestors. One of the embodiment of that harmonious relation is a rule of adat or customary law which includes the human and nature relationship which is called as Awiq-awiq.

B. Awiq-awiq and The Forest Management System

For hundred years, the Bayanese have inhabited in Bayan Village and run their ritual activities in a sustainable manner. The relationship between man and nature to be harmonious and complementary. In Bayan, According to Madi Kusuma[7], Head of Village, in taking and determine forest management, the Bayanese cannot decide anything before consultation (Musyawarah) and communally approved by the traditional leaders and community representatives so as to encourage the attitudes and habits of mutual assistance (Gotong-royong) in the Bayan community.

The Bayan system of forest management culturally sistematized a hundred years ago. According to the Bayan people, Traditional Forest is All Forests belong to Indigenous land from Kepembekelan Karang Bajo like Pawang Singang Borot Karang Bajo, Pawang Bangket Bayan in Bayan Village area, and Pawang Gedeng Lauk in Loloan Village, and also Pawang Semokan in Sujakana district managed entirely by the Adat community and recognized by the local village government, respectively. With an area of forest that are not measured statistically but culturally, the management system rests entirely customary provisions. Indigenous device in charge of security affairs and the preservation of the forest are Mak Perumbak Dayak and Mak Perumbak Lauk also supported by all Adat people. Both forest managers have been hereditary and inherited by the descendants of men with lifetime tenure and the public unless the rules specify otherwise.

The main duties (as a part of Awiq-awiq) of Mak Perumbak Dayak, Mak Perumbak Lauk and also the community is to secure, protect and conserve the indigenous forest areas as well as all the historic heritage (Pengaci-ac) that is in the indigenous forest. It is also required to carry out reforestation with customary manner that required similar tree planting as existing in the forest before; those guardians and people should be visit (menjojo) the forests annually in growing season; the Guardians and the people (Bayanese) should also perform traditional rituals (Asuh) every year to ensure the forest sustainability and secure.
To preserve the forest, the community agreed to create a prohibitions as a part of Awiq-awiq as described follows:

1. Illegal logging in indigenous forest are prohibited in any conditions;
2. It is not justified to burn any plants in forest areas with deliberate destruction of forest;
3. It is not justified in pawn, obtained some or all indigenous forest plants;
4. It is Prohibited to removal and displacement of indigenous forest boundaries;
5. It is Prohibited to cut the trees by using machines in indigenous forest areas;
6. It is wrong to hunt and murder all endangered species that live in the area of indigenous forest in any condition;
7. It is Prohibited to do the agricultural activities in the area of indigenous forest;
8. It is Prohibited to obtain a certificate for a part or the whole land of forest areas;
9. It is Prohibited to ring a variety of art tools in the indigenous forest areas;
10. It is not allowed to enter the area of forest without a permission from the indigenous forest guards (Mak Lokak Perumbak)
11. Not allowed to take a bath and wash any garments using soap that containing detergent in indigenous forests;
12. It is Prohibited to catch the water content (fishes, etc) with stun tools and hiss which containing toxins in the indigenous forest areas;
13. It is Prohibited to perform immoral action and activity across indigenous forests region;
14. It is Prohibited to move or destroy, pollute many relics across the indigenous forest (Pengaci-aci) either a part or all of them;
15. It is Prohibited to herd any animals across the forest region.

Violation of the 15 prohibitions above will be subject to fines or penalties which called as Dosa and apply according to the level of a violation of Awiq-awiq. The penalty can be either cattle or pay a pieces money with Kepeng Susuk, an ancient form of currency as a medium of exchange that is charged to the suspect of violation; Another severe sanctions in case of repeated violation after the punishment, the suspect then exiled to the outside of the village. This very strictly forest management pattern has become one of the basic preservation of forests for hundred years in North Lombok.

C. The Bayanese Challenges

Template According to Renadi[8], a history teacher in Bayan elementary school, admitted that when the potential of Bayan’s natural resources began to be known in addition to the peculiarities of it cultures, including indigenous forest management, management dualism between customs authorities and the government began to appear. For him, today, the management of the tourism potential of indigenous Bayan is given to private parties "which is not the Bayanese." It will greatly affect the development of Adat values in the future, because it is managed not by the indigenous peoples themselves. In addition, the sustainability of the indigenous forests slowly began dormant. Aside from the rapid modernization by the government of North Lombok regency, the Pawang (Guards) and forest rangers have died and have no successor. Son of the Pawangs, who is expected to become the successor prefer to work outside the city.

Like as Renadi, Jambi Anom[9], a former activist of Nusantara Indigenous People Alliance (Aliansi Masyarakat Adat Nusantara), argued that with the opening access of tourism, Bayanese young generation lost their interest in learning the customs of their ancestors. "They prefer to be a Guide for the foreign tourists, rather than learning Bayan traditional values" From observation for a few days, the authors conclude that the interest of the youth is concentrated in the tourism sector and not the adat values or Philosophy. In contrast, many of them forgotten and not even know the values and knowledge of the indigenous forest.

The dilemma of Bayan community also began to be seen especially when the village government issued Karang Bajo Regulation No. 01, 2006[10] concerning Indigenous Forest Conservation. This regulation unfortunately were not in accordance with the local rules on Bayanese management values and boundaries of the forest that potentially break the unity of society.

IV. CONCLUSION

The exposure of the awiq-awiq concept as the Bayanese traditional rules assumed that its capable to preserve and manage indigenous forests for hundred years. In addition, this rules can implemented in a wider space in order to find solutions to global climate change as long as can withstand with the demands of modernization and globalization. Furthermore, the Bayanese have to protect and anticipate the emergence of their young generation because of its fragility from the modernization and commercialization of Adat and the traditional values.

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REFERENCES


[7] Interview with Madi Kusuma, Head of Local Government of Bayan Village, October 2015

[8] Interview with Renadi, History teacher of Bayan Elementary School, October 2015

[9] Interview with Jambi Anom, former activist of Nusantara Indigenous People Alliance (Aliansi Masyarakat Adat Nusantara), October 2015