Chapter Four

# A Socio-ecological Analysis of the Loss of Public Properties in an Urban Environment: A Case Study of Pokhara

## Introduction

This paper discusses the historical, religious and cultural aspects that led to the development of public properties (mainly *chautaras* – platform with huge shade providing trees – and community orchards, open spaces and water ponds) in Pokhara, Nepal in relation to their ecological functions. It then examines the processes (urbanization and modernization separating nature and culture) that led to the decline of these properties. It is argued in this paper that while

This article is based on a research carried out by the author under the financial support of Ford Foundation, New Delhi. The research grant was made available to Martin Chautari. In the field, Min Bahadur Giri, supported in the collection of data and information. The article was published in *Contributions to Nepalese Studies* 31(1): 85-114, 2004.

urbanization may be necessary and important, the concept of separating urban people and culture from nature led to the decline of trees and other important properties which are equally important for the life of a city.

Pokhara, a tourist town in central Nepal, has undergone a rapid change in the last five decades. The urbanization process of the last five decades has brought about many changes in social and ecological features of the town. One of the main features of the town was the existence, in plenty, of the public properties, mainly open space, *chautaras* (huge shade proving trees and a platform where people can sit, rest and meet) and community orchards, and water ponds. These features were man-made, and, were maintained, as is argued in this paper, as they had many cultural, ecological and economic functions at a time when the mode of production was largely agriculture and livestock. Trees, particularly those used in *chautaras*, and ponds were also important from religious points of view.

As the process of urbanization continued, Pokhara became more and more exposed to modernization. The developmentist attitude of the government established after the downfall of autocratic Rana rule in 1950 gave priority to physical development even at the cost of nature. Pokhara, which is now (in 2001) a home to about 156,000 people, started attracting people who worked in foreign countries. Their resettlement and investment in the town is also responsible for its rapid pace of urbanization (see Adhikari and Seddon 2002). This town is the fastest growing town in the country. Population in the town has been growing by more than 8 percent per year in the last four decades. Tourism income and remittances are the main sources of income. Agricultural production, which was the main source of income until the 1970s, now contributes less than one fourth to the total income of its population. Clearly therefore, it is not a main source of income for a large majority of households in Pokhara.

Changes in the economy and the shift in the attitude of people led to not only the lack of interest in planting trees and in maintaining open spaces and water ponds, but also to the destruction of these properties. These properties, particularly the trees, were seen as obstacles for the progress of the town. An attitude that a place covered by trees does not represent modern place started to occupy the mind of the people as Pokhara started to urbanize. Influence of the modern buildings and urban life and the concept of modernization and development created a notion that urban areas are modern and rural areas are backward. Urban areas, people and their cultures were thought as *sabhya* (or civilized), and village areas, people and their folk culture were thought as *asabhya* or *pakhe* (uncivilized) or *gaunle* (country folk). In extreme case, the village people were also called *jangali* (people of forest), which means wild, uncivilized and without culture. Existence of a large number of trees and forest/tree grooves was considered to be associated with village life.

The above change in the concept of people is also generally found to impact upon the economy of Nepal as a whole. Professions dependent on land and forest like agriculture are now regarded as backward, and to be done by people who are illiterate and ignorant. Trade and job (service) are now celebrated professions. But until 3–4 decades ago people regarded agriculture as the best profession. Even the Sanskrit scriptures are said to profess farming as a best occupation, followed by trade and service. Farming was considered as a 'pure' occupation in that it does not involve cheatings and lies as in other professions. But now with changes in the economy and influence of modern value, people have been distinctively isolated from land and forest. The dominant development thinking separated people and nature as different things. It is also partly because of this thinking that the leaders of Pokhara and even the urban planners in early 1950s to 1960s did not pay

attentions to the existing trees, and cultural features. These were thought necessary only in the villages, and for the *pakhe*. But again since the 1980s, the necessity of trees in urban settings has also been considered important and has again come as a fashion. The city planners in the 1990s even stated that they would make the city a 'green city'. While it is important that trees are now considered essential even in urban setting, but the dominant thinking is that they are separate from human culture.

## Public Properties and their Importance

Public properties are the natural and manmade resources, assets or other things whose ownership is not private. Therefore, it is mainly the mode of ownership that distinguishes public properties as against private properties. Here public properties also mean those properties in which the use right is not limited to an individual or household but determined, in some cases, by the community. Accordingly, air, water, river, lake and water bodies, forests, and other natural and cultural resources like public pasture, building, temples and *patis* and *pauwas* (home and shelters for public use and for homeless), *chautaras,* trees, water taps, well, and the like are the public properties. But in this article, *chautaras* and community orchards, open space (public ground and others) and water ponds are studied in detail.

Public properties are necessary for security, health and sustainable development of a society. In an urban setting, public properties play an even greater role, and are more important. A large majority of urban population does not have their own house, land and other natural things like trees. In such a context, open spaces, buildings and shelters, temples, *patis* and *pauwas,* trees and parks are important for their recreational, emergency and other uses.

The general perception now is that public properties are important only in rural settings and there are a large number of

studies about this in Nepal. But there are almost negligible number of studies about public properties and the changes in their use and existence in an urban setting. As public resources like forests, pasture, water and the like play an important role in the livelihoods of rural people, there is a large body of studies devoted to status, ownership and management of these resources. But this is just the reverse in the context of an urban environment. There are a few studies about the changes in the status and role of public properties like temples, *patis, pauwas* and *guthis* in Kathmandu. But even here there is a little attention on trees, and public open space.

The lack of studies on public properties in urban areas is also a product of a mindset which considers these properties less useful in an urban environment. On the other hand, in rural areas these properties are generally called 'common property resources' which are thought to be essential for the livelihoods or enterprises of rural areas like agriculture, livestock, agro-forestry, fishery and the like. As the profession of the urban population is generally not 'primary production', it could be one of the reasons for giving less emphasis in the study of public properties in urban areas. But these properties are also equally important in urban context.

In urban areas, public properties, particularly the large open spaces, are also important and essential for security reasons. To lessen the adverse impact of earthquakes, floods and manmade disasters like fire, it is essential to have open spaces. Especially in the event of an earthquake, it is important to bring the people to an open space, because it is not the earthquake as such that kills many people, but the after affects of the earthquake (like fire and floods) that kill more people. To reduce the impact of these after affects, it is essential to have open spaces. It is said that the earthquake that devastated Kathmandu and killed about 34,000 people in 1934 would have killed many times more people if there had been no Tundikhel (large open space in the middle of the town). Pokhara and the

surrounding areas are prone to earthquake as they lie in the fault line created by the immersion of Indian Plate under the Tibetan Plate. As the process of immersion of the Plate is continuing, earthquakes are frequent in this region. Apart from this benefit, open spaces are also essential for sports, recreations and other physical exercises of the urban people. Temples, *patis* and *pauwas* are also important from the cultural, social and environmental point of view. Poor residents of the city who cannot afford to have their own open space, trees, and temples need to be dependent on these public properties. Accordingly, public properties are also essential for the proper physical growth and health of the children of the low income people. Public properties are, thus, even more important to the low income families than the wealthier ones.

Migration of poorer households from rural areas to the urban areas is a worldwide phenomenon and it is growing rapidly. The urban population is thus exploding. Even in Nepal, about 16 percent of the population now live in urban areas. Now, poverty is no longer a rural problem alone; it has also become an urban problem. Availability of 'public properties' in urban areas has been providing some respite for the poor people. In some cases public properties have also been helpful in securing a part of livelihoods of the poor people. Considering this fact the new concepts of poverty reduction through urban agriculture and urban livestock raising have been promoted. In most Indian cities, urban dairy production has given employment and income for many poorer households. Because of the growing environmental consciousness in urban areas, urban forestry has been popularized. In Pokhara, urban forestry has now come as a dilemma. Previously, the urban planners and leaders destroyed the trees, and now they suggest that 'greening' is necessary, for which they are using more and more alien trees, whose ecological and economic functions to the community are not known.

Several studies/research have been conducted about Pokhara. Most of them describe the natural beauty and its interesting geological and geographical features. This tendency is seen especially in the studies conducted in the past.[1] Even though there are large numbers of researches conducted in Pokhara, there is no concern to study the 'public properties'. In the books written about Nepal by foreigners, there are few references to Pokhara, but they are not related to its natural resources, public properties and their uses. Some of them have explained the commercial possibilities in the town. Kirkpatrick (1986 [1811]) has mentioned that he had crossed the bridge on Seti river and been up to Beni in Myagdi. Similarly, F.B. Hamilton (1971) who traveled in Pokhara in 1819 has mentioned 'Pokhara is a place frequented by businesspersons from all over the country'. Similarly, Perceval Landon (1987) has also written some comments about Pokhara. In 1899, a Japanese Monk, Ekai Kawaguchi (1909) visited Pokhara while he was traveling to Tibet. He has described the town as the most beautiful place on the earth, but considered its size like a bigger village in Japan. Tucci (1987), while traveling in Pokhara in 1950, forecasted that Pokhara would become a commercial center.

Among the studies of Pokhara, Harka Gurung's study (1965) can be considered foundational. His study is also focused on geological and social aspects of the town. The study has covered the land-use patterns and urban development, but there is little discussion on manmade and traditionally developed land-uses like *chautaras* and water ponds. He has mentioned about the *chautaras,* but has not given detailed numbers and their functions. After the 1970s, several studies were conducted about Pokhara (Mierow 2000; Murphy 1967; Raj 2000; Thapa 1990). Blaikie and his friends (1980)

---

[1] Various studies conducted in Pokhara are described in Adhikari and Seddon (2002).

argued that Pokhara's urbanization was the result of government policies and the expanding bureaucracy. Studies conducted then after are concerned with commerce, trade, industry, tourism, settlement pattern and migration, land-use changes and the like (Adhikari 2000; Basnet et al. 1992; Blaikie et al. 1980; Gurung 1979; Gurung 2002; Gurung et al. 2000; Gyanwali 1997; K.C. et al. 1992; Pandit 1989; Parajuli 1999 and 2000; Shrestha 2000). These studies have mentioned that public properties in Pokhara have declined. Even in media this has been raised as an issue. Still then there is no proper study as to why these public properties were maintained. and why they have now been disappearing. Shroeder (1978) in a study of a village located just outside the then Pokhara town had mentioned that a large public open space used as community pasture and recreational ground had been shrinking mainly because of encroachment from individuals.[2]

Even though it was clear that public properties like open spaces, *chautaras* and water ponds in Pokhara have been lost along with the process of urbanization, there were no studies either on the adverse impact of this loss or for its documentation. In this context, this study was conducted in Pokhara in 2000 to study the loss of public property, the reasons for their development and existence and the adverse impact of this loss on the society and ecology. While conducting this research, an inventory on public properties of Pokhara developed on the basis of a survey conducted in 1977 was also found. This proved useful in making a comparison. In addition, oral history records were also developed from elderly people regarding the social and ecological changes in Pokhara. Various reports published in newspapers were also consulted to

---

[2] During the study of Shroeder, Batulechaur was a rural area, but it is now placed under Pokhara municipality.

understand and reconstruct the historical reality leading to the development of various public properties.[3]

## Development of public properties and their loss in the context of socio-cultural changes and urbanization

The frequently asked question about Pokhara is: why did so many open grounds (spaces) suitable for pasture exist in Pokhara and that too as public property?; why were trees not developed on these grounds?; was it a natural feature or a manmade feature? Studies conducted about Pokhara do not take up these questions, even though similar questions seem to have been raised in the context of India and Pakistan (Zimmerman 1987 and Dove 1998) in rural context. Similarly there are other questions related to other manmade features in Pokhara. Why were *chautaras* so numerous in Pokhara? Why were they developed at a time when forests were converted into pasture lands? Why did people keep so many water ponds? Answers to these questions require some insight from the historical development of this place.

The prehistory writings (see Shrestha 2000) about Pokhara valley and its surrounding hills reveal that the valley area was a dense forest with a hot and humid climate. Because of this natural reason, prehistoric people lived only in the surrounding hills. But after the 8th and 9th centuries, people of Tibeto-Burman origin (like Gurungs and Magars) started to settle in the forests of the hills. They practiced the swidden cultivation, the remnants of which are still seen in the hill villages where these people rotate lands located away from the

---

[3] Various persons interviewed for the historical information include first secretary (Krishnaji Sharma) of Pokhara municipality when it was establishd in 1959, the then local land revenue collector Jimmwal Purna Bahadur Baniya and an elderly woman of Pokhara Uttara Kumari Palikhe.

settlement in a 3 or 5 years cycle. Various ethnographic studies and historical writings in the past 250–300 years reveal that their economy was totally based on animal husbandry.

The valley bottom area was inhospitable because of hot climate and malaria. Therefore, only in winter people would come to the valley with the main purpose of raising animals. This would also save the fodder collected at home. This grazing of animals required the conversion of dense forest into grass fields. The yearly grazing would also prevent the conversion of this land into a forest. This is the reason that Pokhara was known as a place with tall grasses in the past. Until the 11th century, there was no settlement in the Pokhara valley. Politically, it was under the jurisdiction of a Ghale Gurung king of the Kaski, a microstate before the unification of Nepal.[4]

In the 13th century, Shah kings, the followers of Hindu religion, started a slow entry into the present day Nepal. They had already taken over a kingdom (Syangja) south of Pokhara by the 14th century. The king Kulmandan Shah conquered the Kaski kingdom also, which included Pokhara valley.

The king Kulmandan had numerous and large herds of cows. He kept his cattle in Pokhara. It is not known to what extent the natural forest of Pokhara was destroyed in the past by the early seasonal herdsmen or by the newcomer Hindu king for the grazing of his cattle. But it is certain that before these human interventions, Pokhara was full of forest. The natural regeneration of vegetation is quite high in this area. Prevention of human and domestic animal

---

[4] The present day Nepal was divided into several microstates (about 80) before its unification. The process of unification was led by the king Prithvi Narayan Shah of Gorkha, one of the microstates existed then. The kingdom of Nepal was created in 1769 when he conquered the Kathmandu valley. The unification and territorial expansion continued till 1816, when Nepal was defeated by East-India Company (Britain), which had colonized India then. Kaski is now one of the 75 districts of Nepal.

interference can easily lead to regeneration of trees and development of forest in a due course of time. Therefore, large grazing lands were developed purposively to maintain the extensive animal husbandry. But still then, Pokhara was not settled by the people because of the malaria. At the most people would come here during the day, but would return to the hill tops for the night. Later on, the hills were also increasingly settled by the Hindus who migrated eastward from Jumla, their center of entry to Nepal from India. Shrestha (2000) also writes that because of suitability to grow rice in the plains of valley bottom, people started to cultivate rice there even in summer season. But, invariably, they would return to the hilltops to spend the night. The increased human intervention and the changes in landuse in Pokhara had already reduced the severity of malaria.

Later on, Pokhara was developed as a winter residential place. When the king Kulmandan constructed a winter palace in Batulachaur, more and more people started to settle in Pokhara, especially in winter. The area around the palace started to develop as a permanent settled area. It should also be important to note that this place is located at a considerable height within the Pokhara valley and hence the problem of malaria and hot climate would have been considerably low here. Under the order of Kulmandan Shah to develop a temple in his new place in Kaskikot[5], Bindabasini idol was brought from Bindyachal in India. Before being taken to Kaskikot, it was placed in a hillock in Pokhara valley for a night stop. But the next morning, people could not lift up the idol, and the king then ordered his people to build the temple there. Brahmin priests were assigned to look after the temple and they were also given some land as grant. A permanent settlement was also started

---

[5] The headquarters of Kaski kingdom, located on a hill top overlooking the Pokhara valley.

to develop around the temple. It is just at this time that Pokhara also gained some importance in commerce. The trade route from India to Tibet passed through Pokhara. Similarly, another trade route from Jumla in the west to Kathmandu in the east also passed through Pokhara. In winter there used to be a huge crowd of people, which would require development of several seasonal shelters. As the commercial importance of Pokhara began to grow, the last king of Kaski (Siddi Narayan Shah) developed a plan to build a town and houses like in Kathmandu. He brought skilled Newars from Bhaktapur in Kathmandu valley in 1752 for this purpose. But rapid development of the town began from 1769 after Gorkha King Prithvi Narayan Shah unified Nepal in 1769. This unification led to the migration of businesspersons like Newars from Kathmandu to Pokhara in great numbers. After the unification of the country, Pokhara was also considered as a strategic administrative and military outpost. More and more government offices started to appear. However until 1950s, Pokhara was not considered as a good place for living.

It is precisely to make Pokhara a pleasant place for settlement that led to the development of numerous *chautaras,* which were so useful during summer. In the context of conversion of large forest area into pasture, it seems that *chautaras* were thought essential for the shade and cooling effect. These *chautaras* were made at a place where people would like to have rest while walking or for shelter during peak heat periods after working in the fields. It must have also been thought that *chautaras* were useful for reducing the impact of malaria. *Chautaras* were numerous in places where incidence of malaria was high. The existence of big trees would also make the locality cool. The practice of making *chautaras* was also common in other places in west-central Nepal, but they were not built in such large numbers as in Pokhara. The Hindu religious values that required worshipping of trees that are generally used in *chautaras* might

have also led to the development of these *chautaras.* Moreover, the leaves of these trees were also needed in religious ceremonies. The development of water ponds in Pokhara was also to encourage farmers to settle in the valley and to help in raising livestock. These water ponds were useful for storing rainwater, recharging water table, and for irrigation and animals. Community orchards of mango trees were also developed to encourage settlement and for other social, religious and public health functions.

After a historic phase that required the development of *chautaras,* open grounds for grazing and water ponds, Pokhara underwent another phase of development (urbanization) that did not consider these properties as valuable. The changes in the mode of production, the rapid decline in the importance of farming as a source of livelihood, control of malaria since the 1950s with the help of USAID support and possibility of importing foodgrains from distant places due to the development of transportation reduced the importance of these properties. On the other hand, the concept introduced by the state especially after the 1950s about the need for development and modernization created an image to the people that trees and water ponds are the symbols of backwardness and rural life. This also led to the indiscriminate felling of the trees and abandonment of water ponds. Similarly, individualistic ideas and erosion in social and community control also led to the indiscriminate felling of community orchards. Government agencies often felled these trees to earn income which was then used for the development of infrastructures. Even though urbanization and reduction in the importance of these public properties can also be seen from societal evolutionary point of view, the main contention is that the separation of 'nature' and 'culture' led to the thinking that trees are natural things only and they represent backwardness. And, they were to be placed in rural areas (which were perceived as *asabhya, pakhe, gaunle* or *jangali).* If trees or *chautaras* in Pokhara

were also considered as man-made features developed with some functions, they would not have been destructed in such a manner as discussed in the sections below. They would have been modified in a way that would have been suitable in a changed circumstance. Dove (1998) has also found the adverse impact of such separation of 'nature' and 'culture' concepts, which he argued, led to deforestation in Punjab, Pakistan.

The process of urbanization of Pokhara had started from the 1950s as it is from this time that market started to grow in terms of both physical expansion and the volume of transactions. Since 1953, Pokhara was linked to other towns in Nepal and India by airplane. But it is only in 1957 that first vehicle was run there. In 1959, it was declared as 'municipality', and from then on various development projects, educational institutions and service centers were established. Government also declared it as a headquarters of the Western Development Region in 1973. By that time, it was also linked with Indian border towns (Bhairahawa and Sunauli) by a road built by Indian assistance, and to Kathmandu by a road built with Chinese assistance. Construction of these roads increased the commercial importance of the town. Immigration of people to Pokhara was at its height after the construction of these roads. For sometime, population growth rate remained about 18% per year. But after sometime, this population growth rate had reduced, and stabilized at about 8 percent per year.

The west-central Nepal, of which Pokhara is a center, is also known as a place from where a proportionately large number of people, especially hill ethnic groups like Gurungs and Magars, go to foreign countries to work (Adhikari 1996). The Gurungs and Magars have been working in British and Indian armies for the last 200 years. The income earned by the people working away in foreign lands has also been invested in Pokhara for the purchase of land and building of houses.

In terms of social composition of people, Pokhara had been traditionally a Brahmin-Chhetri dominated place. As discussed above, because of the hot climate and danger of malaria, hill ethnic groups had not settled in Pokhara, even though it is probable that they had used it for winter pasturage. But the later migrants like Brahmins and Chhetris had probably no access to good land in the hills, and because of the possibility of combining animal husbandry in dry lands and paddy cultivation in wet places, they occupied the valley. But initially, they used to work all day in the valley and return to the hills during night. Conquest of Kaski by the Shah king, his establishment of a winter palace and an important temple in Pokhara had encouraged Brahmins and Chhetris to settle here despite inhospitable climate and health conditions. But after the 1970s, migration of hill ethnic groups who could improve their economic conditions from higher incomes changed the social composition of Pokhara. Gurungs and Magars now dominate the population of the town (Adhikari and Seddon 2002). In Pokhara, their main profession was to follow the skills they learned while in the army jobs and hence most of them did/do not farm. They developed and followed various non-farm jobs. Because of the high economic growth and creation of employment opportunities in construction and service sectors, poorer people also migrated to Pokhara in equal magnitude. The encroachment on public land thus increased.

The development of open spaces, and particularly trees, community orchards, water ponds and *chautaras* owes much to the religious practice of Brahmins and Chhetris. In the Sanskrit scriptures, trees have special place. In various religious ceremonies of Brahmins and Chhetries, various parts of these trees are necessary. Women worship these trees once every week. Marriage between trees is also a common practice. Therefore, Brahmins and Chhetris had a special relation to these trees. As their occupation was also farming, these trees and water ponds were also required to them. On the other

hand, the new immigrants, mainly Gurungs and Magars, even though were nature-worshippers in their place of origin (villages), had no especial value to the trees and objects developed by the people of other culture. Their several years of service in foreign lands also meant that they had been accustomed to other cultures and were less sensitive to the religious values and rituals with which these trees were planted, maintained and used. It is also interesting that political power in Pokhara slowly shifted to these recent migrants who are also considered *nouveau riche.* Their new-found wealth power was also instrumental for their ascendancy to political power. This has been described elsewhere by Adhikari (2003a) by analyzing the political history of the last four decades. As persons with new cultural and religious values became decision-makers, the sensitivity towards these traditionally made features was certainly less.

Pokhara also attracts about a hundred thousand tourists in a year. Tourism is now one of the main sources of income. Even though tourism is vital in the economy, this has also led to various social and ecological changes. The main change is seen in the treatment of nature which is now seen as a way to increase profit. To attract the tourists, more and more hotels have been made at a location from where view of the Himalayas is clear. A large chunk of open grounds were first privatized and then sold to these hotel owners. Those objects that would attract tourists started to receive more attention. For the tourists, the *chautaras,* community orchards and small water ponds were not attractive because, firstly, they would come only in winter when the skies are clear and, secondly, they would be able to afford other means of cooling. Therefore, from the tourism point of view also, there was less urgency to preserve these trees.

It is natural that with increased urbanization and population growth, more houses, roads and other physical infrastructures are necessary. But in the process of the development of these

infrastructures, traditionalIy existing public properties have been destroyed, encroached upon and lost. Until 1974, when the government had started a scientific and modern survey of the land and property, there were plenty of public properties in Pokhara. But in the name of development of roads, government destroyed much of the planted trees and built *chautaras,* community orchards and water ponds. On the other hand, the powerful and wealthy persons captured the open spaces kept and maintained for the public use as the value of land increased significantly. From time to time, legal systems are distorted to facilitate the registration of the public land into private land by the powerful class. The previous political regime (1960–1990) used much of this public land to gain political favors from these powerful people. The landless squatters have also occupied such land. Today, a common Pokhara resident does not find an open space for recreation, sports and physical exercise. Youths are seen playing in the roads and in a small plots of land reserved for house construction. One or two common playgrounds kept for the colleges and sports complex are not accessible to the common residents of the town.

In the sections below, magnitude of the decline of these public properties and the specific reasons surrounding their preservation in the past and destruction in recent times are discussed.

## *Chautaras and community orchards*

*Chautaras* are also one of the special features of the landscape of Pokhara. Built along the sides of a road or trail and within a short distance from one another, these *chautaras* used to provide different aesthetic value to the city landscape. Generally two or three trees were/are planted in *chautaras: Pipal (Ficus religiosa), Bar (Ficus bangalensis)* and *Sami (Ficus benjamina)* the first two being more common. The major use of these *chautaras* is to provide shade to

the pedestrians and the people. In the summer, various meetings, gatherings, and celebrations are also organized on the *chautaras.* The trees produced special types of fruit which attract a large number of birds. Similarly, these trees were also home to various orchids, and their large leaves of these trees could absorb the dust of the road/trails.

Even though the primary aim of the *chautaras* is to provide shade and cooling effects in a hot and humid summer condition, people were motivated to build them from religious point of view. Generally people would build *chautaras* and plant trees there to earn merit in the next birth. Planting trees and building *chautaras* was an especial endeavor of the people who had no children. Sanskrit scriptures have clearly said that planting and developing a tree is equivalent to producing a child. The childless couples would construct a *chautara,* plant *Bar* and *Pipal* trees, and then organize a marriage ceremony of these two trees. The marriage ceremony was the same as that was organized for the people. People had the faith that organizing this ceremony would help in having children. The other religious reason for the planting of these trees is that leaves of these trees are needed in most of the religious ceremonies. Planting of trees in *chautaras* and in other places was also motivated by the Sanskrit text (Rig Veda) that says that if one preserves nature, nature will preserve him/her. Moreover, such trees (especially *Pipal)* were worshipped by women regularly for the well-being of the family.

The trees generally planted in *chautaras* especially *Pipal* also had medicinal values. If people had wounds they used to get a small piece of the bark of the tree, which was powdered and put into the wounds. The wound would become dry soon which would help in natural healing.

In the past, it was also a practice to construct a pond by the side of a *chautara.* In the pond rain water was collected. This water was useful for irrigation and feeding animals. At the center of the ponds

a wooden pillar was erected, and every year people would worship the pillar.

There used to be a provision of drinking water in the *chautara* in summer. This was essentially meant for the pedestrians. A large earthen pot was placed in a hole dug in the *chautara.* A lid and a small pot was also placed there. Every day the locals would fill the pot with clean and fresh water. At certain times of the year, people would mix water with boiled sugarcane juice. All these works were performed voluntary, solely for the purpose of earning religious merit.

It is now difficult to say how many *chautaras* were there in Pokhara in the past. A document which listed the *chautaras* in 1977 revealed that there were 632 *chautaras* then. In 2000, we counted only 278 *chautaras* in whole of Pokhara. This shows that in a period of 23 years, 354 or 56 percent *chautaras* were destroyed. Table 4.1 shows the ward-wise existence of *chautaras* in 1977 and in 2000. This Table also shows the percentage of *chautaras* lost in these 23 years. According to it, *chautaras* from Wards 1, 2, 4, 9, 10 and 13 were lost in proportionately more numbers.

There are several reasons for the loss of these *chautaras.* The impact of the cultural and political changes has already been discussed. But visibly, it is seen that political bodies destroyed these trees and *chautaras* in the name of physical development. The roads were expanded and new roads were built, which required destruction of these trees. Similarly, extension of electricity and telephone lines also led to cutting down of these trees. Most importantly, these trees were the sources of revenue for the local political units. These trees were generally sold to brick factories which were so much flourishing at that time. The indiscriminate felling of trees was motivated by the newly emerging concept that trees were required in villages and their presence in city is unsuitable.

**Table 4.1: Number of *chautaras* in Pokhara in 1977 and 2000**

| Ward number | 1977 | 2000 | Loss (%age) |
|---|---|---|---|
| 1 | 22 | 7 | 68.2 |
| 2 | 22 | 7 | 68.2 |
| 3 | 7 | 4 | 42.8 |
| 4 | 18 | 6 | 66.7 |
| 5 | 35 | 18 | 48.6 |
| 6 | 53 | 35 | 40.0 |
| 7 | 53 | 24 | 57.7 |
| 8 | 49 | 22 | 55.1 |
| 9 | 55 | 9 | 83.7 |
| 10 | 37 | 8 | 78.4 |
| 11 | 57 | 22 | 57.9 |
| 12 | 46 | 21 | 54.3 |
| 13 | 35 | 12 | 65.7 |
| 14 | 30 | 17 | 43.3 |
| 15 | 38 | 14 | 63.1 |
| 16 | 32 | 20 | 37.5 |
| 17 | 17 | 17 | 0.0 |
| 18 | 26 | 15 | 42.3 |
| Total | 632 | 278 | 56.0 |

*Source: Archives of Pokhara Nagarpanchayat 1977; Own survey*

In every community of Pokhara, there used to be at least few (2–5) grooves of mangoes and other fruit trees. As they were used by all members of the community, they could be called as community orchards. The mango trees were tall and difficult to climb. People used to eat the fallen fruits only. All the members of the community had equal access to the fruits of these trees. These trees were of special attraction to the children. Except for a one or two such orchards, all seem to have disappeared. These trees were mostly sold by the local political units to earn cash income which was generally invested in physical infrastructures.

At a time when trees are increasingly used to maintain the ecological balance in urban areas, it is a sad thing that already existing

and locally adaptive trees were destroyed to such an extent. The importance of these local trees for reducing the effects of air and noise pollution has already been explained. Now in the name of greenery, new exotic trees have been planted. But their sustainability and the ecological and socio-cultural importance will be certainly less than the locally adapted traditional trees. Because of the importance of trees in controlling the increase in temperature due to heat trapping in urban areas, the traditional *chautaras* and trees would have played an important role. Accordingly, it would have been wise to preserve those trees.

### *Water ponds*

The name Pokhara comes from the fact that it had many *pokharis* (water ponds). Therefore, the name of the town itself gives the indication that there were several water bodies. Pokhara had many natural and man-made water bodies. Pokhara hosted 7 natural lakes, of which, 3 are considerably bigger. Other four have already been extinct or are on the verge of extinction. These lakes were created through a geological process. As the Seti river carried the moraine from the Annapurna Himalayas after the burst of glacial lakes at various pre-historical time periods, the moraine were deposited on the routes of the rivers. This caused formation of natural lakes.

Apart from these natural lakes, people also had made several water ponds. At every community or neighborhoods, there would be at least 2–3 water ponds. These ponds were made from religious as well as practical point of view. These ponds were needed for the collection of rain water. The stored water was used for irrigation, feeding animals and also for washing if necessary. As the households were not connected to water pipes, these ponds were essential to meet the necessity of water. For drinking water people depended on other sources like springs, wells, lakes and the like. It is even seen that when animals suffered from FMD (foot and mouth disease -

with sores on foot and mouth), these animals were made to stand on the ponds for a week. It was believed that this practice would cure the disease, and then animals were taken to the homestead.

As mentioned in the previous section, religious ponds were generally located by the side of *chautaras.* As a matter of fact it was a custom to build a pond while building the *chautaras.* The reason is not clear, but it seems to have some practical value. As the trees on *chautaras* would harbor various birds, water ponds would also be useful for the birds to drink the water. Moreover, water ponds by the side of *chautaras* would store water for a long time as the shade of the huge trees would prevent the loss of water through evaporation.

It is not clear whether people had consciously understood the distant role of these water ponds like controlling the temperature and recharging the underground water table. This recharging of water table was certainly essential for the proper functioning of springs and wells. It is to be noted that it is a major method by which water scarcity is met in desert areas. This method is also generally used to revive the lost water bodies like rivers, wells and springs in water-scarce areas.

An inventory of ponds made in 1977 in Pokhara reveals that there were about 156 water ponds made by local people. In 2000, only 13 of them were seen. This shows that 92 percent of these water ponds have been destroyed. The data is shown in Table 4.2. The table shows that there are only 3 water ponds in Ward 18, and one each in Wards 7, 11, 16 and 17. In all other Wards, water ponds were completely destroyed. Even those water ponds which are seen now are in extremely sorry state. They are on the verge of extinction due to siltation. Their size has shrunk considerably due to encroachment for private ownership of land and building of houses on such land.

**Table 4.2: Water ponds existed in Pokhara in 1977 and 2000**

| Ward number | 1977 | 2000 | Loss (%age) |
|---|---|---|---|
| 1 | 5 | - | 100.0 |
| 2 | 3 | - | 100.0 |
| 3 | 2 | - | 100.0 |
| 4 | 4 | - | 100.0 |
| 5 | 11 | - | 100.0 |
| 6 | 6 | - | 100.0 |
| 7 | 10 | 1 | 90.0 |
| 8 | 16 | - | 100.0 |
| 9 | 16 | - | 100.0 |
| 10 | 21 | - | 100.0 |
| 11 | 18 | 1 | 95.0 |
| 12 | 18 | - | 100.0 |
| 13 | 14 | 2 | 85.7 |
| 14 | 9 | 2 | 77.7 |
| 15 | 10 | 2 | 80.0 |
| 16 | 4 | 1 | 75.0 |
| 17 | 1 | 1 | 0.0 |
| 18 | 13 | 3 | 76.9 |
| Total | 156 | 13 | 91.7 |

*Source: Archives of Pokhara Nagarpanchayat 1977; Own survey*

One of the main reasons for the disappearance of water ponds is that they were not maintained regularly. In the past they were cleaned regularly. The mud collected (due to siltation) at the bottom of the ponds was removed every year through co-operation of the concerned people. As the need of the ponds declined because of decline in agriculture and livestock raising, people ceased to maintain these ponds. As water taps were developed, the problem of water was also reduced. This led to the disappearance of the water ponds. Later on the powerful and wealthier households obtained legal ownership on the lands where water ponds existed.

As these ponds used to be dirty, development workers also suggested that such ponds would harbor mosquitoes, which were

responsible for the malaria and the spread of the disease. This concept also helped in destroying the water ponds. Expansion of roads and development of infrastructure were other reasons for destroying these ponds.

While Pokhara now suffers from water scarcity as well as rising heat, these ponds would have also been useful had they been maintained and cleaned properly.

## Public land

The actual record of public land in Pokhara is not available. Most of the lands used for public purpose have now been used on a private basis. Elders of Pokhara recall that there were 26 huge public grounds and the name of the locality was also based on the name of those public grounds. Now people remember only a few names of these grounds like - Batulachaur (round pasture/ground), Lamachaur (long ground), Simalchaur (field with cottonwood trees), Banjhapatan (barren field), Malepatan, Bhimkalipatan and Majheripatan. These grounds were either used as pastures or as playing fields and for other public functions. By 2000, most of these huge public fields were gone. Only a few have remained, but have shrunk to a considerable degree.

In an inventory of public lands made in 1977, there was a mention of plots of public lands, but areas of some of the plots were not given. The record shows that there were 216 plots used as public open space, but by 2000, there were only 66 such plots. This shows that public lands were lost by about 67 percent in a period of 23 years. It is shown in Table 4.3. From Wards 10 and 13, all public lands were converted into private lands. But in 1977, these Wards had 23 and 18 plots of public lands respectively. In that period of 23 years, about two-thirds of public lands disappeared from Wards 1, 9, 11, 15 and 17.

In 1977's record, the area of only 146 plots was given. The total area of those plots was estimated at 4,405 *ropanis* (1 ha = 20 *ropanis).* This means that average area of a public land could have

been about 30 *ropanis*. Considering that there were 216 plots, the total public area in 1977 could have been 6,561 *ropanis*. But the study conducted in 2000 reveals that there was only 1,621 *ropanis* of public land left in a period of last 23 years. This means that about 72 percent of the public land area has been lost in a period of 23 years, from 1977 to 2000. This is shown in Table 4.4.

**Table 4.3: Number of public land plots in Pokhara in 1977 and 2000**

| Ward number | 1977 | 2000 | Loss (%age) |
|---|---|---|---|
| 1 | 6 | 1 | 83.3 |
| 2 | 6 | 3 | 50.0 |
| 3 | 5 | 3 | 40.0 |
| 4 | 6 | 3 | 50.0 |
| 5 | 6 | 3 | 50.0 |
| 6 | 19 | 10 | 47.4 |
| 7 | 9 | 5 | 44.4 |
| 8 | 18 | 12 | 33.3 |
| 9 | 17 | 4 | 76.5 |
| 10 | 23 | - | 100.0 |
| 11 | 20 | 7 | 65.0 |
| 12 | 11 | 5 | 54.5 |
| 13 | 18 | - | 100.0 |
| 14 | 12 | 5 | 58.3 |
| 15 | 16 | 3 | 81.2 |
| 16 | * | - | - |
| 17 | 10 | 3 | 70.0 |
| 18 | 14 | 6 | 57.1 |
| Total | 216 | 73 | 66.2 |

*Source: Archives of Pokhara Nagarpanchayat 1977; Own survey*

* There is no mention of public lands in Ward 16 in the inventory made in 1977.

Apart from the public lands, a casual study was also conducted regarding other properties like temples, *patis* and *pauwas* and public (common) trees. There has been no reduction in number of temples, *patis* and *pauwas,* even though some of them have become run-

down and decrepit. Regarding to other public trees, there has been a reduction in their numbers by almost 50 percent. These common trees were useful fruits, flower, fodder and timber trees. All were indigenous belonging to 20 different species.

**Table 4.4: Areas of public lands in Pokhara in 1977 and 2000**

| Ward number | Area in 1977 (according to incomplete record) *(ropani)*+ | Estimated land area in 1977 *(ropani)*+ | Estimated land area in 2000 *(ropani)*+ | Decrease in land area (% age) |
|---|---|---|---|---|
| 1 | 164 | 164 | 28 | 82.9 |
| 2 | 33 | 34 | 16 | 52.9 |
| 3 | 47 | 47 | 28 | 40.4 |
| 4 | 52 | 52 | 26 | 50.0 |
| 5 | 435 | 436 | 218 | 50.0 |
| 6 | 104* | 323** | 165 | 47.3 |
| 7 | 85 | 85 | 47 | 44.7 |
| 8 | 122 | 122 | 97 | 20.5 |
| 9 | 1020* | 1140** | 268 | 76.5 |
| 10 | 426 | 426 | 0 | 100.0 |
| 11 | 514* | 694** | 243 | 64.9 |
| 12 | 292* | 442** | 201 | 54.5 |
| 13 | 989* | 1079** | 0 | 100.0 |
| 14 | 75* | 315** | 131 | 58.4 |
| 15 | 10* | 460** | 86 | 81.3 |
| 16 | -* | 30** | 0 | 100.0 |
| 17 | 37* | 277* | 83 | 70.0 |
| 18 | " | 420 | 180 | 57.1 |
| Total | 4,450 | 6,536 | 1,817 | 72.2 |

*Source: Archives of Pokhara Nagarpanchayat 1977; Own survey*

+ 1 ha = 20 *ropanis*

* Area has not been specified for all land plots.

** Including the estimated area of land plots whose actual area has not been specified.

It is seen from above description that public open spaces have been severely encroached upon by individuals. Usurping the political and economic power, individuals registered most of the public lands

under their private ownership. But the question to ponder on is: why were these spaces encroached upon?

To manage the Pokhara's urban problems, Pokhara Valley Town Development Committee was established in 1975. Just before this, a scientific survey of the town was carried out. But the Committee was not able to work properly, and its inability to implement the regulations properly was found to have led to encroachment of public land. For example, the Committee aimed to keep environment around Phewa Lake clean and pollution free, maintain the standard regarding the lake area and its boundaries, conserve the public properties, develop needed parks, and develop spots for Phewa view. But none of these objectives were achieved. The government norms have not been followed and land around the lake have been encroached upon and made private. Still then, the Committee has not done much to restrict these trends. The media reports that even the land covered by lake water has been registered under private ownership (Parajulee 2003: 107). But people do not know the reality.

The encroachment of public land by unscrupulous individuals is intense in Pokhara. Using different excuses and pretensions, public lands have been made private. Based on hereditary rights *(paitrik hak),* thousands of *ropanis* have been claimed by the people under their private ownership. Government's resettlement programs have taken about 2,000 *ropanis* of public land. Apart from that lands in important places have been encroached upon by *sukumbasis* (landless people having no property at all) and *hukumbasis* (powerful people grabbing public land under the name of squatters). About 1,000 *ropanis* of land has been taken over by this process. The other processes by which public lands have been converted to private lands are *sorayani* and *guthi* encroachment. These processes are discussed below.

### *Hereditary claim* (paitrik hakdabi)

The main reason for the encroachment of public lands in Pokhara is the 'hereditary claim'. Before 1934, there was a concept that land should not be left fallow. The state badly required a large sum of revenue. To collect more and more revenue from the lands, the *jimmawals* and *mukhiyas* (the land revenue collectors) were appointed in every village. They were to submit the pre-fixed amount of revenue from the village(s) under their jurisdiction. If they could not collect the revenue to the stipulated amount, they themselves had to pay the tax. To raise the required amount of taxes, they had given lands to people for cultivation and other purpose. If that tax was not paid, the revenue collectors would pay the tax and use the land until the tax was paid. In many cases these revenue collectors had levied taxes on pastures, forest and open land. These were called *khartari tiro* (pasture or grass tax). Later on there were several conflicts on the ownership of land between villages and between individuals based on this *khartari tiro.* This historical reality means that the elites of the villages had at some points paid taxes on various pieces of land. The receipts of these taxes are now increasingly used for claiming ownership on public land. A large proportion of public land has already been made private on the basis of evidence of the payment of tax in the past.

In 1974 all lands in Pokhara was surveyed on a scientific basis. After the survey, all the public lands should have been identified and recorded. From 1977 the process of registering lands on the basis of *khartari tiro* was stopped. Even so the process of giving private ownership based on past tax record is still continuing. Some clever and unscrupulous people have been able to create various evidence to claim such public lands and have been successful in doing that to an extent. In some cases, the government has also cancelled the land registration (transferring from public ownership to private ownership) under public pressure. Table 4.5 shows the lands whose

transfer of ownership to individuals has been cancelled because of public pressure. But this is just the tip of the iceberg as people do not know anything about such transfer process which takes place silently in the government offices.

While claiming the public land under hereditary claim, the general practice is that people give application to the Land Revenue Office saying that their name were left out while registering the land. For this the following documents need to be submitted:

- The evidence of the claim specifying the area *(bij-mana).*
- Receipt of tax paid.
- Copy of citizenship certificate.
- The recommendation of the respective Ward Office.
- The recommendation of the respective VDC or Municipality Office.
- The field checking *(sarjamin muchulka)* from Land Revenue Office.
- The decision of the Land Registration Committee of the Land Revenue Office.
- Notice to the respective VDC or Municipality about the land registration.
- Notice in the local print media.

Despite the fact that one can make up a case for the claim of public land based on above papers, it is extremely difficult for the Land Revenue Office to identify whether the person claiming the land is the genuine owner of the land. Similarly, it is extremely difficult for the Office to identify whether the land being claimed is a public land. It is still unclear as to what is the public land. If the *chautaras* and the water ponds are to be considered as public properties, there are several examples in Pokhara of the ponds being under the private lands and now being sold and bought in land markets. If

pastures and forests have to be considered as public land, there are no such lands existing in Pokhara. Even the forests which are considered as important for promoting tourism have been registered under private ownership by fabricating and creating various evidences. Even though the process of registering public lands into private ownership has been continuing, there have been public outcries about it.

**Table 4.5: The lands whose ownership as private property has been cancelled because of public pressure (as of 2000)**

| Cases | Ward number | Plot number* | Area *(ropani-anna-paisa-dam)*** | Remarks |
|---|---|---|---|---|
| 1 | 15 | 382 | 5-10-3-3 | Now public |
| 2 | 15 | 83 | 3-8-03 | Now public |
| 3 | 15 | 384 | 5-0-02 | Now public |
| 4 | 15 | 145 | 0-12-3-1 | Now public |
| 5 | 15 | 2 | 19-0-0-3 | Now under SOS |
| 6 | 15 | 591 | 191-0-0-0 | Now as a writ in Supreme Court |
| 7 | 10 | 282 | 17-13-0-1 | Now under the name of Amarsing High School |
| 8 | 17 | 1793 | 0-5-0-0 | Now under the name Pokhara Air Traffic Office |

*Source: Various media reports*

* as in cadastral maps.

** 20 ropanis = 1 ha; 16 annas = 1 ropani; 4 paisa = 1 anna; 4 dam = 1 paisa

### *Government's resettlement programs*

The role of government's resettlement programs is also important for the loss of public lands in Pokhara. Even though these programs can be justified under the humanitarian and moral grounds, but they have been used for gaining political favors and for individual self-interest. In 1976, there was a huge landslide problem in Majhathana of Kaski District, and those victims of the disaster were settled in Wards 14, 15 and 18. About 232 families were resettled in Pokhara

this way. Each family had been allocated with 8 *ropanis* of land and in total 1,850 *ropanis* of land was distributed. Only a few of them have got the land titles, and the rest of the land allocated for them have been claimed by others under their private property. After this disaster and resettlement, Pokhara now frequently receives victims of landslides and natural disasters. But in reality they are found to be used for political purpose. For example, people living in a large squatter settlement now developed behind the Bus Park and the Airport were brought there because they favored the then Panchayat political system in a referendum in 1979.

### *Squatter settlements*

After examining the process of public land encroachment, it is revealed that squatter[6] settlements is another major factor behind this process. It was in 1972 that squatter settlement began to develop in Pokhara. In this year, the existing bus park in front of the old airport office was transferred to the present location on the north side of the airport. The 73 families staying at the old bus park were given a piece of land in the new bus park. But in reality land was made available for 150 families. Now there is a large squatter settlement around the new bus park. It is also observed in the field visits that there are several huts in the bus park and near the road which are rented out to the migrant workers and the traders. These huts are owned by the powerful people. The rent was found to range from Rs 3,000 to Rs 8,000. The tenants staying there did not know the owners, who used agents to collect the rent. This shows

---

[6] The squatters *(sukumbasis)* are those people who do not possess any property (land or other assets including money) and who stay in public land without any title of ownership. Even though some of the squatters have also obtained land titles, their neighborhoods are still called squatter settlements *(sukumbasi basti)*.

that power has been misused for the individual benefit. This practice is not an unique feature of this place only; it is a common practice in Pokhara.

There are more than 40 squatter settlements in Pokhara, and about 4,500 families live there. In reality only 13 percent of them are the genuine squatters. The rest are mainly the poor people who have come to Pokhara for work. It is very difficult to tell the exact population of squatters in Pokhara. Sometimes, over a nights time, 3000–4000 huts of squatters can be seen constructed. Because of pressure from government, they also seem to disappear. It is generally observed that when the government policies and supervision are weak, more squatters seem to appear and occupy the public land. This makes it difficult to get accurate picture of squatter settlements. Various studies also give differing accounts because of the same reason. A study conducted by Pokhara Municipality has estimated that squatter population has been growing in Pokhara by 26 percent a year. If this rate of growth is maintained, squatter population will account up to 55 percent of the Pokhara's total population in 2021 (Adhikari 2003b). If this happens, there will be almost no any piece of public land in Pokhara.

### *Soryani encroachment*

This is a slow and gradual process of encroaching the public land. This practice is also common in Pokhara. People slowly extend the border of their land towards the public land. Similarly they encroach the public land under the excuse of making their plots straight and even. In some cases people have given certain help to schools and in return have got recommendations from the school authority and political units to extend their lands into the public lands.

### *Guthi encroachment*

*Guthi* lands (land donated to religious institutions) which are also considered as public property have also been encroached. From ancient times, temples were constructed and religious institutions formed from the cultural and social reasons. To look after these infrastructures and institutions, land-grants were assigned to them, the income of which was used to meet the expenses required. The lands like *pakho*, *khet* and even forests had been assigned as *guthis.* These *guthis* were also common in Pokhara. But large parts of these religious lands have also been encroached and made private. This process is still under going.

The major *guthis* in Pokhara include: Bindyabasini *guthi*, Bhairavthan *guthi* and Bhimsen *guthi* in Ward 2; Narayan *guthi* in Ward 3; Barahi *guthi* in Ward 6; Jalpadevi *guthi* in Ward 8; Ramghat Santiban *guthi* in Ward 9; Gita temple and Shivalaya *guthi* in Ward 11; Sitaladevi *guthi* in Ward 12; Bhadrakali *guthi* in Ward 13; Siddeshwor *guthi* in Ward 15; Sitapaila and Ram temple *guthi* in Ward 17. Of these *guthis,* 30 *ropani khet* in Biruwa field which was allocated to Sitapaila temple have been registered by the *guthiars* (who look after the temple) under the condition that they pay Rs 30,000 a year to the temple. The *pakho* is under the process of registration in the name of *guthiars.* In most other *guthis, guthiars* have themselves registered *guthi* lands under their private ownership. There is a case pending in court in relation to *guthis* of Ramghat. It is now seen that unless some drastic and strict measures are not taken and the *guthi* committee is not made active, almost all *guthis* will disappear as public property.

## Conclusion

This study conducted on the public properties of Pokhara reveals that these properties have been lost in an increasing rate. In a period of 23 years from 1977 to 2000, 56 percent of the *chautaras,* 92

percent water ponds, 70 percent of the plots of public lands and 72 percent of the public land area have been lost, or converted to private ownership. There has not been encroachment on temples, *patis* and *pauwas*, however.

It is then clearly evident that public properties maintained and developed in the past for the use of the society have been destroyed as the urbanization and modernization proceeded in Pokhara. As the planners and political leaders considered these public properties as given—not as the product of human endeavors—they were not sensitive to them even though they could be useful to urban society also. The public properties (like *chautaras,* community orchards, common trees, water ponds and open space), which were generally considered as nature, were thought to be useful only for the rural people. These properties were also considered as symbols of backwardness. This essentially means that urban society was separated from the nature. These properties were thought to be out of place in an urban society considered as *sabhya*. The nature (represented by these properties in the mind of policy makers and planners) is linked only with the uncivilized village people *(pakhe, ashabya, gaule).*

Apart from the above conceptions, the change in social composition of the population of Pokhara can also be linked with the loss of the public properties discussed above. The dominant ethnic groups before and during the early phase of urbanization were Brahmins and Chhetris who were strongly influenced by Hindu religion and its description of nature like trees. The various public properties described here were developed based on the belief of Hindu norms which gave considerable weight on the preservation of trees, water ponds, *chautaras,* and community orchards. The mode of production like agriculture and animal husbandry was also responsible for the development and maintenance of these properties. But as the urbanization process brought in new people

who became dominant in politics and policy making because of their new-found wealth, the public properties developed in different religious and economic context did not receive much sympathy and attention. As a result there was an indiscriminate destruction of these properties.

The government policy has not been sensitive to the creation and existence of these open spaces, but has only considered them as the free gift of nature to be used and distributed for political benefits. The result now is seen in the lack of free open space for recreational use of the common people. Even the municipality has not been able to develop adequate services like toilets and libraries because there are no free public spaces available in the core town area. Now, unlike past, it is also difficult to take over private lands by the government.

From the study of an inventory prepared by the then Pokhara Municipality in 1977 about the public properties in Pokhara and this study conducted in 2000 about the status of these properties, it seems that the following measures by the relevant office (government office and Pokhara Municipality) have to be immediately taken for stopping the further loss of these properties:

- Clearly indicate the borders of the public lands and specify the plot numbers and their areas.
- Specify the land occupied by the public buildings, government offices, schools, universities and hospitals.
- Keep the record of the existing temples, *patis, pauwas, chautaras* and parks, and renovate these properties if necessary.
- Keep the record of the *guthi* lands and take measures to preserve them.
- The concerned office (such as Pokhara Municipality) should form a committee to study the remaining and lost public

lands and take necessary steps to recover those lost lands, and then preserve them.

It is now certain that if strong measures are not taken for the protection of the public properties in Pokhara, no public property will remain in near future. It is mainly the responsibility of the government to take such steps, but citizens and residents of the town should also show readiness in helping the government in this regard. Then only it can be hoped that the existing public properties can be saved for the future generation.